# U.S. SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D.C. 20549

# **FORM 10-Q**

X	QUARTERLY REPORT PURSUANT SECTION 13 OR 15(d) OF THE 1934	IE SECURITIES EXCHANGE ACT OI	7
	For the quarterly period ended September 30,	2012	
	TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF 0F 1934	THE SECURITIES EXCHANGE ACT	[
	For the transition period from to		
	Commission File No. 0-23590		
	NEXXUS LIGHTING (Exact Name of Registrant as Specified in Its C		
	DELAWARE (State or other Jurisdiction of Incorporation or Organization)	59-3046866 (I.R.S. Employer Identification No.)	
	124 FLOYD SMITH DRIVE, SUITE 300, CHARLOTTE, NOR (Address of Principal Executive Offices) (Zip Code)	TH CAROLINA 28262	
	(704) 405-0416 (Registrant's Telephone Number, Including Area Cod	e)	
Act	licate by check mark whether the registrant: (1) has filed all reports required to be filed by t of 1934 during the preceding 12 months (or for such shorter period that the registrant was bject to such filing requirements for the past 90 days. Yes ⊠ No □		
File	licate by check mark whether the registrant has submitted electronically and posted on its ce required to be submitted and posted pursuant to Rule 405 of Regulation S-T (§232.405 of for such shorter period that the registrant was required to submit and post such files). Y	f this chapter) during the preceding 12 months	
com	icate by check mark whether the registrant is a large accelerated filer, an accelerated filer, an appany. See the definitions of "large accelerated filer," "accelerated filer," and "smaller report. (Check one):		
Larg	ge accelerated filer	Accelerated filer	
Nor	n-accelerated filer □	Smaller reporting company [	X)
Indi	icate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of	the Exchange Act). Yes $\square$ No $\boxtimes$	
Nur	mber of shares of Common Stock, \$.001 par value, outstanding on November 8, 2012: 35	,005,507	

# Nexxus Lighting, Inc. Index to Form 10-Q

		Page
PART I.	FINANCIAL INFORMATION	Ü
	Item 1. Consolidated Financial Statements	
	Consolidated Balance Sheets as of September 30, 2012 (unaudited) and December 31, 2011	3
	Consolidated Statements of Operations for the Three and Nine Months Ended September 30, 2012 and 2011 (unaudited)	4
	Consolidated Statements of Stockholders' Equity for the Nine Months Ended September 30, 2012 (unaudited)	5
	Consolidated Statements of Cash Flows for the Nine Months Ended September 30, 2012 and 2011 (unaudited)	6
	Notes to Consolidated Financial Statements (unaudited)	7
	Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations	18
	Item 3. Quantitative and Qualitative Disclosures About Market Risk	26
	Item 4. Controls and Procedures	26
PART II	OTHER INFORMATION	
	Item 1. <u>Legal Proceedings</u>	26
	Item 6. Exhibits	27
<u>SIGNATURES</u>		28
EVHIBITS		

# Nexxus Lighting, Inc. Consolidated Balance Sheets

	(Unaudited) September 30,	December 31,
ASSETS	2012	2011
Current Assets:		
Cash and cash equivalents	\$ 4,297,721	\$ 3,014,656
Trade accounts receivable, less allowance for doubtful accounts of \$57,931 and \$52,912	594,640	564,474
Inventories, less reserve of \$1,524,419 and \$895,415	1,336,677	2,977,047
Prepaid expenses	92,890	65,749
Other assets	8,772	26,359
Total current assets	6,330,700	6,648,285
Property and equipment	509,247	3,279,121
Accumulated depreciation and amortization	(364,131)	(2,536,144)
Net property and equipment	145,116	742,977
Goodwill		1,988,920
Other intangible assets, less accumulated amortization of \$800,080 and \$879,490	1.418.841	2,543,969
Other assets, net	9,295	23,857
	\$ 7,903,952	\$ 11,948,008
LIABILITIES AND STOCKHOLDERS' EQUITY		
Current Liabilities:		
Accounts payable	\$ 772,642	\$ 825,100
Accrued liabilities	135,707	245,816
Related party payable	3,868	18,151
Accrued compensation and benefits	91,337	206,803
Current portion of deferred rent	1,330	25,882
Other current liabilities	280	74
Total current liabilities	1,005,164	1,321,826
Convertible promissory notes to related parties, net of debt discount		2,314,854
Total liabilities	1,005,164	3,636,680
Commitments and contingencies		
Stockholders' Equity:		
Series B convertible preferred stock, \$.001 par value, aggregate liquidation preference of \$6,000,000; 1,000,000 shares authorized, 600,000 and 0 issued and outstanding	\$ 5,195,225	\$ —
Common stock, \$.001 par value, 40,000,000 and 30,000,000 shares authorized, 17,452,738 and 16,452,738 issued and outstanding	17,453	16.453
Additional paid-in capital	50,638,575	50,007,362
Accumulated deficit	(48,952,465)	(41,712,487)
Total stockholders' equity	6,898,788	8,311,328
	\$ 7,903,952	\$ 11,948,008

# Nexxus Lighting, Inc.

# **Consolidated Statements of Operations (Unaudited)**

	Three Months Ended		N. M. d. F. 1.16 1.20		
	September 30, 2012 2011		Nine Months Ende	2011	
Revenue	\$ 1,250,515	\$ 2,113,003	\$ 3,452,067	\$ 7,732,313	
Cost of sales	935,379	1,456,946	3,830,215	5,582,692	
Gross profit (loss)	315,136	656,057	(378,148)	2,149,621	
Operating expenses:					
Selling, general and administrative	899,116	1,432,920	3,854,782	4,654,095	
Research and development	125,924	214,116	448,920	631,799	
Impairment charge			3,397,212		
Total operating expenses	1,025,040	1,647,036	7,700,914	5,285,894	
Operating loss	(709,904)	(990,979)	(8,079,062)	(3,136,273)	
Non-operating income (expense):					
Interest expense	(79,452)	(41,576)	(210,014)	(97,198)	
Gain on debt restructuring	1,048,308	_	1,048,308	_	
Other income	17	85	107	489	
Total non-operating income (expense), net	968,873	(41,491)	838,401	(96,709)	
Income (loss) from continuing operations	\$ 258,969	\$ (1,032,470)	\$ (7,240,661)	\$ (3,232,982)	
Discontinued operations:					
Income from discontinued operations		3,272	683	7,102	
Net income (loss)	\$ 258,969	\$ (1,029,198)	\$ (7,239,978)	\$ (3,225,880)	
Accretion of preferred stock beneficial conversion feature	(5,195,225)	_	(5,195,225)	_	
Net loss attributable to common stockholders	\$ (4,936,256)	\$(1,029,198)	\$(12,435,203)	\$ (3,225,880)	
Basic and diluted loss per common share:					
Loss from continuing operations attributable to common stockholders	\$ (0.30)	\$ (0.06)	<u>\$ (0.75)</u>	\$ (0.20)	
Discontinued operations	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	
Net loss attributable to common stockholders	\$ (0.30)	\$ (0.06)	\$ (0.75)	\$ (0.20)	
Basic and diluted weighted average shares outstanding	16,517,955	16,452,738	16,474,716	16,389,967	

# Nexxus Lighting, Inc.

 $Consolidated\ Statements\ of\ Stockholders'\ Equity\ (Unaudited)$ 

	Prefer	red Stock	Common	Stock	Additional Paid-in	Accumulated	Total Stockholders'
	Shares	Amount	Shares	Amount	Capital	Deficit	Equity
Balance, December 31, 2011	_	\$ —	16,452,738	\$16,453	\$50,007,362	\$(41,712,487)	\$ 8,311,328
Stock-based compensation	_	_	_	_	44,313	_	44,313
Issuance of convertible preferred stock, net of issuance costs  Accretion of preferred stock beneficial	600,000		_	_	5,195,225	_	5,195,225
conversion feature Issuance of common stock for convertible promissory notes, net of issuance costs	_	5,195,225	1,000,000	1,000	(5,195,225) 586,900		587,900
Net loss						(7,239,978)	(7,239,978)
Balance, September 30, 2012	600,000	\$5,195,225	17,452,738	\$17,453	\$50,638,575	<u>\$(48,952,465)</u>	\$ 6,898,788

# Nexxus Lighting, Inc.

# Consolidated Statements of Cash Flows (Unaudited)

	Nine Months Ended September 30,	
	2012	2011
Cash Flows from Operating Activities:	A (T 222 0 T 2)	# (2 22 F 000)
Net loss	\$(7,239,978)	\$(3,225,880)
Adjustments to reconcile net loss to net cash used in operating activities:	210 556	240.205
Depreciation	210,556	349,295
Amortization of other intangible assets	193,070	214,299
Amortization of debt discount and debt issuance costs	68,976	84,277
Amortization of deferred rent	(24,552)	(59,491)
Impairment charge	3,397,212	
Gain on debt restructuring	(1,048,308)	_
Interest expense forgiven on debt restructuring	140,667	_
Loss on sale of businesses	<del>-</del>	622
Loss on disposal of property and equipment	6,062	3,401
Increase in inventory reserve and inventory write downs	629,004	114,470
Stock-based compensation	44,313	291,759
Changes in operating assets and liabilities:		
(Increase) decrease in:		
Trade accounts receivable, net	(30,166)	(145,709)
Inventories	1,011,366	(253,612)
Prepaid expenses	(27,141)	20,328
Other assets	25,959	8,847
Increase (decrease) in:		
Accounts payable, accrued liabilities and related party payable	(178,950)	280,413
Accrued compensation and benefits	(115,466)	6,300
Other liabilities	206	(3,369)
Total adjustments	4,302,808	911,830
Net cash used in operating activities	(2,937,170)	(2,314,050)
Cash Flows from Investing Activities:		
Patents, trademarks and other intangible assets costs	(83,076)	(134,321)
Purchase of property and equipment	(19,599)	(216,661)
Proceeds from the sale of property and equipment	7,685	7,500
Proceeds from the sale of businesses, net of transaction costs	<u>_</u>	1,110,360
Net cash (used in) provided by investing activities	(94,990)	766,878
Cash Flows from Financing Activities:		
Proceeds from issuance of convertible preferred stock, net of issuance costs	5,195,225	_
Payment to restructure convertible promissory notes	(880,000)	_
Proceeds from exercise of employee stock options and warrants, net	(000,000)	319,750
Net cash provided by financing activities	4,315,225	319,750
Net increase (decrease) in Cash and Cash Equivalents	1,283,065	(1,227,422)
<u> </u>	, ,	
Cash and Cash Equivalents, beginning of period	3,014,656	5,308,900
Cash and Cash Equivalents, end of period	<u>\$ 4,297,721</u>	\$ 4,081,478

#### Nexxus Lighting, Inc.

#### Notes to Consolidated Financial Statements (unaudited)

The accompanying consolidated financial statements of Nexxus Lighting, Inc. and subsidiary (the "Company") are unaudited, but in the opinion of management, reflect all adjustments (consisting only of normal recurring adjustments) necessary to fairly state the Company's financial position, results of operations, and cash flows as of and for the dates and periods presented. The financial statements of the Company are prepared in accordance with accounting principles generally accepted in the United States of America for interim financial information.

These unaudited financial statements should be read in conjunction with the Company's audited financial statements and footnotes included in the Company's Annual Report on Form 10-K for the year ended December 31, 2011 filed with the Securities and Exchange Commission ("SEC"). The results of operations for the nine month period ended September 30, 2012 are not necessarily indicative of the results that may be expected for the entire year ending December 31, 2012 or for any future period.

The Company has experienced continued net losses and faces significant challenges in order to reach profitability, particularly in light of the current challenging economic environment. The Company expects continuing losses in 2012, further eroding its cash position. On April 30, 2012, the Company announced that it was exploring strategic alternatives available to it, including a possible sale of the Company. On September 12, 2012, the Company entered into an Investment Agreement with RVL 1 LLC (the "Investor"), an affiliate of Aston Capital, LLC. On September 25, 2012, the Company and the Investor closed the transactions contemplated by the Investment Agreement and the Company issued to the Investor 600,000 shares of newly-created Series B Convertible Preferred Stock, \$.001 par value per share (the "Preferred Stock") in consideration of a cash payment of \$6 million (the "Investment") (Note 8).

# 1. Summary of Significant Accounting Policies:

<u>Revenue recognition</u> – Generally, the Company recognizes revenue for its products upon shipment to customers, provided no significant obligations remain and collection is probable. For sales that include customer acceptance terms, revenue is recorded after customer acceptance. It is the Company's policy that all sales are final. Requests for returns are reviewed on a case by case basis. As revenue is recorded, the Company accrues an estimated amount for product returns as a reduction of revenue. The level of returns may fluctuate from the Company's estimate. The Company offers early payment discounts to select customers. Revenue is recorded net of the amount of the early payment discounts that the Company estimates will be claimed by customers. Our products typically carry a warranty that ranges from two to five years and includes replacement of defective parts. A warranty reserve is recorded for estimated costs associated with potential warranty expenses on previous sales.

<u>Financial instruments</u> – FASB Accounting Standards Codification ("ASC") 820 "Fair Value Measurements and Disclosures" ("ASC 820") defines fair value as the exchange price that would be received for an asset or paid to transfer a liability (an exit price) in the principal or most advantageous market for the asset or liability in an orderly transaction between market participants on the measurement date. ASC 820 also establishes a fair value hierarchy which requires an entity to maximize the use of observable inputs and minimize the use of unobservable inputs when measuring fair value. The standard describes three levels of inputs that may be used to measure fair value:

- Level 1 Quoted prices in active markets for identical assets or liabilities.
- Level 2 Inputs other than quoted prices included within Level 1 that are either directly or indirectly observable.
- Level 3 Unobservable inputs that are supported by little or no market activity, therefore requiring an entity to develop its own assumptions about the assumptions that market participants would use in pricing.

Fair value estimates discussed herein are based upon certain market assumptions and pertinent information available to management as of September 30, 2012. The Company uses the market approach to measure fair value for its Level 1 financial assets and liabilities, which includes cash equivalents of approximately \$458,000 at September 30, 2012 and \$2,674,000 at December 31, 2011, respectively. The market approach uses prices and other relevant information generated by market transactions involving identical or comparable assets or liabilities. The respective carrying value of certain on-balance-sheet financial instruments approximated their fair values. These financial instruments include cash, trade receivables, related party payables, accounts payable and accrued liabilities. Fair values were assumed to approximate carrying values for these financial instruments since they are short term in nature and their carrying amounts approximate fair values or they are receivable or payable on demand.

The Company's non-financial assets measured at a fair value on a non-recurring basis include goodwill and long-lived assets, which utilize inputs classified as Level 3 in the fair value hierarchy (Notes 4 and 5).

<u>Derivative financial instruments</u> – The Company does not use derivative instruments to hedge exposures to cash flow, market or foreign currency risk. Terms of convertible instruments are reviewed to determine whether or not they contain embedded derivative instruments that are required under FASB ASC 815 "Derivatives and Hedging" ("ASC 815") to be accounted for separately from the host contract, and recorded on the balance sheet at fair value. The fair value of derivative liabilities, if any, is required to be revalued at each reporting date, with corresponding changes in fair value recorded in current period operating results.

Freestanding warrants issued by the Company in connection with the issuance or sale of debt and equity instruments are considered to be derivative instruments, and are evaluated and accounted for in accordance with the provisions of ASC 815. Pursuant to ASC 815, an evaluation of specifically identified conditions is made to determine whether the fair value of warrants issued is required to be classified as equity or as a derivative liability.

Beneficial conversion and warrant valuation – In accordance with FASB ASC 470-20, "Debt with Conversion and Other Options" the Company records a beneficial conversion feature ("BCF") related to the issuance of convertible debt or preferred stock instruments that have conversion features at fixed rates that are in-the-money when issued. The BCF for the convertible instruments is recognized and measured by allocating a portion of the proceeds equal to the intrinsic value of that feature to additional paid-in capital. The intrinsic value is generally calculated at the commitment date as the difference between the conversion price and the fair value of the common stock or other securities into which the security is convertible, multiplied by the number of shares into which the security is convertible. If certain other securities, such as warrants, are issued with the convertible security, the proceeds are allocated among the different components. The portion of the proceeds allocated to the convertible security is divided by the contractual number of the conversion shares to determine the effective conversion price which is used to measure the BCF. The effective conversion price is used to compute the intrinsic value. The value of the BCF is limited to the basis that is initially allocated to the convertible security.

<u>Cash equivalents</u> – Temporary cash investments with an original maturity of three months or less are considered to be cash equivalents.

<u>Accounts receivable</u> – Accounts receivable are customer obligations due under normal trade terms. The Company performs continuing credit evaluations of its customers' financial condition. The Company records an allowance for doubtful accounts based upon factors surrounding the credit risk of certain customers and specifically identified amounts that it believes to be uncollectible. Recovery of bad debt amounts previously written off is recorded as a reduction of bad debt expense in the period the payment is collected. If the Company's actual collection experience changes, revisions to its allowance may be required. After all attempts to collect a receivable have failed, the receivable is written off against the allowance.

<u>Inventories</u> – Inventories, excluding inventories at Lumificient Corporation, are stated at the lower of cost (average cost) or market. Inventories at Lumificient Corporation are stated at the lower of cost (first-in, first-out) or market. A reserve is recorded for any inventory deemed excessive or obsolete.

<u>Property and equipment</u> – Property and equipment are stated at cost. Depreciation is computed by the straight-line method and is charged to operations over the estimated useful lives of the assets. Maintenance and repairs are charged to expense as incurred. The carrying amount and accumulated depreciation of assets sold or retired are removed from the accounts in the year of disposal and any resulting gain or loss is included in results of operations. The estimated useful lives of property and equipment are as follows:

	Estimated useful lives
Machinery and equipment	3-20 years
Furniture and fixtures	5-7 years
Computers and software	3-7 years
Leasehold improvements	5 years

<u>Intangible assets and goodwill</u> – The Company accounts for its intangible assets and goodwill under FASB ASC 350 "Intangibles – Goodwill and Other" ("ASC 350") and FASB ASC 360 "Property, Plant, and Equipment" ("ASC 360").

Goodwill is not amortized, but is subject to annual impairment testing unless circumstances dictate more frequent assessments. The Company performs an annual impairment assessment for goodwill as of the last day of each fiscal year and more frequently whenever events or changes in circumstances indicate that the fair value of the asset may be less than the carrying amount. Goodwill impairment testing is a two-step process performed at the reporting unit level. Step one compares the fair value of the reporting unit to its carrying amount. The fair value of the reporting unit is determined by considering both the income approach and the market approach. The fair values calculated

under the income approach and market approach are weighted based on circumstances surrounding the reporting unit. Under the income approach, the Company determines fair value based on estimated future cash flows of the reporting unit which are discounted to the present value using discount factors that consider the timing and risk of cash flows. For the discount rate, the Company relies on the capital asset pricing model approach which includes an assessment of the risk-free interest rate, the rate of return from publically traded stocks, the Company's risk relative to the overall market, the Company's size and industry and other Company specific risks. Other significant assumptions used in the income approach include the terminal value, growth rates, future capital expenditures and changes in future working capital requirements. The market approach uses key multiples from guideline businesses that are comparable and are traded on a public market. If the fair value of the reporting unit is greater than its carrying amount, there is no impairment. If the reporting unit's carrying amount exceeds its fair value, then the second step must be completed to measure the amount of impairment, if any. Step two calculates the implied fair value of goodwill by deducting the fair value of all tangible and intangible net assets of the reporting unit from the fair value of the reporting unit as calculated in step one. In this step, the fair value of the reporting unit is allocated to all of the reporting unit's assets and liabilities in a hypothetical purchase price allocation as if the reporting unit had been acquired on that date. If the carrying amount of goodwill exceeds the implied fair value of goodwill, an impairment loss is recognized in an amount equal to the excess.

Determining the fair value of a reporting unit is judgmental in nature and requires the use of significant estimates and assumptions, including revenue growth rates, strategic plans and future market conditions, among others. There can be no assurance that the Company's estimates and assumptions made for purposes of the goodwill impairment testing will prove to be accurate predictions of the future.

<u>Deferred rent</u> – The Company accounts for certain operating leases containing predetermined fixed increases of the base rental rate during the lease term as rental expense on a straight-line basis over the lease term. The Company has recorded the difference between the amounts charged to operations and amounts payable under the leases as deferred rent in the accompanying consolidated balance sheets.

<u>Long-lived assets</u> – In accordance with ASC 360, the Company evaluates the recoverability of its long-lived assets whenever events or changes in circumstances have indicated that an asset may not be recoverable. The long-lived asset is grouped with other assets at the lowest level for which identifiable cash flows are largely independent of the cash flows of other groups of assets and liabilities. If the sum of the projected undiscounted cash flows is less than the carrying value of the assets, the assets will be written down to the estimated fair value.

<u>Shipping and handling costs</u> – Shipping and handling costs related to the acquisition of goods from vendors are included in cost of sales. <u>Research and development</u> – Research and development costs to develop new products are charged to expense as incurred.

<u>Income taxes</u> – Income taxes are provided for the tax effects of transactions reported in the financial statements and consist of taxes currently due plus deferred taxes resulting from temporary differences. Such temporary differences result from differences in the carrying value of assets and liabilities for tax and financial reporting purposes. The deferred tax assets and liabilities represent the future tax consequences of those differences, which will either be taxable or deductible when the assets and liabilities are recovered or settled. Valuation allowances are established when necessary to reduce deferred tax assets to the amount expected to be realized.

The Company applies the provisions of FASB ASC 740-10 "Uncertainty in Income Taxes" ("ASC 740-10"). The Company has not recognized a liability under ASC 740-10. A reconciliation of the beginning and ending amount of unrecognized tax benefits has not been provided since there is no unrecognized benefit since the date of adoption. If there were an unrecognized tax benefit, the Company would recognize interest accrued related to unrecognized tax benefits in interest expense and penalties in operating expenses.

The Company has provided a full valuation allowance against income tax benefits resulting from losses incurred and accumulated on operations. As a result, there was no provision for income tax recorded during the nine months ended September 30, 2012 and 2011, respectively. The Company believes the use of NOLs will be limited under the provisions of Section 382 of the Internal Revenue Code of 1986, as amended. The Company has not evaluated the implications of Section 382 on its ability to utilize some or all of its NOLs.

<u>Use of estimates</u> – The preparation of financial statements in conformity with accounting principles generally accepted in the United States requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities, the disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates.

<u>Loss per share</u> – Basic loss per share is computed by dividing net loss attributable to common stockholders by the weighted average common shares outstanding for the period. Diluted loss per share is computed giving effect to all potentially dilutive common shares. Potentially dilutive common shares may consist of incremental shares issuable upon the exercise of stock options and warrants and the conversion of outstanding convertible securities. In periods in which a net loss has been incurred, all potentially dilutive common shares are considered anti-dilutive and thus are excluded from the calculation. At September 30, 2012 and 2011, the Company had 48,870,542 and 7,472,607, respectively, common shares which may be acquired pursuant to outstanding employee stock options, warrants and convertible securities that were not included in the computation of loss per share at September 30, 2012 and 2011 because to do so would have been anti-dilutive.

<u>Stock-based compensation</u> – The Company accounts for stock-based compensation under the provisions of FASB ASC 718 "Compensation – Stock Compensation" ("ASC 718"), which requires the recognition of the cost of employee or director services received in exchange for an award of equity instruments in the financial statements and is measured based on the grant date fair value of the award. ASC 718 also requires the stock option compensation expense to be recognized over the period during which an employee is required to provide service in exchange for the award (typically, the vesting period).

The Company estimates the fair value of each option award issued under its stock option plans on the date of grant using a Black-Scholes option-pricing model that uses the assumptions noted below in accordance with ASC 718. The Company estimates the volatility of its common stock at the date of grant based on the historical volatility of its common stock. These historical periods may exclude portions of time when unusual transactions occurred. The Company determines the expected life based on historical experience with similar awards, giving consideration to the contractual terms, vesting schedules and post-vesting forfeitures. For shares that vest contingent upon achievement of certain performance criteria, an estimate of the probability of achievement is applied in the estimate of fair value. If the goals are not met, no compensation cost is recognized and any previously recognized compensation cost is reversed. The Company bases the risk-free interest rate on the implied yield currently available on U.S. Treasury issues with an equivalent remaining term approximately equal to the expected life of the award. The Company has never paid any cash dividends on its common stock and does not anticipate paying any cash dividends in the foreseeable future. In addition, the Company separates the grants into homogeneous groups and analyzes the assumptions for each group. The Company then computes the expense for each group utilizing these assumptions.

	Nine Months Ended September 30,		
	2012	2011	
Expected volatility	75.8 - 115.4%	71.7 – 84.7%	
Weighted-average volatility	76.6%	81.0%	
Risk-free interest rate	0.4 - 0.9%	0.4 - 2.2%	
Expected dividend	0%	0%	
Expected life in years	3.5 - 8.6	3.5 - 8.6	

Under ASC 718, stock-based compensation expense recognized in the accompanying unaudited statements of operations for the three months ended September 30, 2012 and 2011 was \$227 and \$88,944, respectively, which caused net loss to increase by that amount and basic and diluted loss per share for the three months ended September 30, 2012 and 2011 to increase by \$0.00 and \$0.01, respectively. Stock-based compensation expenses recognized in the accompanying unaudited statements of operations for the nine months ended September 30, 2012 and 2011 was \$44,313 and \$291,759, respectively, which caused net loss to increase by that amount and basic and diluted loss per share for the nine months ended September 30, 2012 and 2011 to increase by \$0.00 and \$0.02, respectively.

<u>Business segments</u> – Pursuant to FASB ASC 280 "Segment Reporting", the Company is required to report segment information. The Company's operations are principally managed on a product basis and are comprised of two reportable segments for financial purposes: LED replacement lamps and LED signage and lighting strips.

Recent accounting pronouncements – In September 2011, the FASB amended the guidance on the annual testing of goodwill for impairment. The amended guidance will allow companies to assess qualitative factors to determine if it is more likely than not that goodwill might be impaired and whether it is necessary to perform the two-step goodwill impairment test required under current accounting standards. The guidance is effective for annual and interim goodwill impairment tests performed for fiscal years beginning after December 15, 2011, with early adoption permitted. The adoption of this guidance did not have a material impact on the Company's financial statements.

#### 2. Discontinued Operations:

On October 28, 2010, the Company signed an Asset Purchase Agreement (the "Purchase Agreement") with Next Step Products, LLC. Pursuant to the Purchase Agreement, the Company sold substantially all of the assets of its legacy commercial and pool lighting businesses. The results of operations of the legacy commercial and pool lighting businesses have been reflected as discontinued operations for all periods presented.

The components of discontinued operations for the three and nine months ended September 30, 2012 and 2011 are as follows:

	Three Months	Ended September 30,	Nine Months Ended September 30,		
	2012	2012 2011		2011	
Revenue	\$ —	\$ 3,272	\$ 683	\$ 10,766	
Income from operations	<u>\$</u>	\$ 3,272	\$ 683	\$ 7,102	
Discontinued operations	<u>\$</u>	\$ 3,272	\$ 683	\$ 7,102	

#### 3. Inventories:

Inventories consist of the following:

	(Unaudited)	
	September 30 2012	December 31, 2011
Raw materials	\$ 1,564,110	\$1,708,642
Finished goods	1,296,986	2,163,820
	2,861,096	3,872,462
Less: inventory reserve	(1,524,419)	(895,415)
Net inventories	<u>\$ 1,336,677</u>	\$2,977,047

As a result of deteriorating market conditions and aggressive pricing by competitors, the Company experienced a decrease in market price for certain products in its LED replacement lamps segment. For the nine months ended September 30, 2012, the Company recorded a write down of inventory of \$387,196 due to this decrease in market price.

# 4. Other Intangible Assets:

At September 30, 2012, the Company had the following intangible assets subject to amortization:

		(Unaudited)	
		September 30, 2012	
	Gross Carrying	Accumulated	Net Carrying
	Amount	Amortization	Amount
Patents	\$ 267,904	\$(100,921)	\$ 166,983
Trademarks	880,000	(228,629)	651,371
Customer relationships	1,010,000	(446,083)	563,917
Product certification and licensing costs	61,017	(24,447)	36,570
	\$ 2,218,921	\$ (800,080)	\$1,418,841

As a result of the Company's deteriorating business and significantly reduced market value as of June 30, 2012, the Company performed the impairment test prescribed by ASC 360 for long-lived assets in the Company's LED signage and lighting strips segment (which is also one of the Company's asset groups). The Company determined that there was no impairment of long-lived assets for the LED signage and lighting strips asset group as its undiscounted cash flows were greater than its carrying amount as of June 30, 2012.

As a result of the Company's deteriorating business and significantly reduced market value as of June 30, 2012, the Company performed the impairment test prescribed by ASC 360 for long-lived assets in the Company's LED

replacement lamps segment (which is also one of the Company's asset groups) and determined that the carrying amount of the asset group was not recoverable as its undiscounted cash flows were less than its carrying amount. The Company further determined that the fair value of the asset group was less than its carrying value and therefore impairment must be recorded. The Company used the discounted cash flow method under the income approach to determine the fair value of the asset group. The impairment amount was determined by allocating the shortfall of fair value as compared to the carrying amount to each long-lived asset in the asset group on a pro rata basis using the relative carrying amount of the assets, except the carrying amount of each asset can not be reduced below its fair value. To determine the fair value of each long-lived asset, the Company used the relief from royalty method for the patents and trademarks and estimated the fair value for the property and equipment and product certifications and licensing costs using a cost approach adjusted for physical, functional and economic obsolescence. For the LED replacement lamps asset group, the Company recorded impairment charges totaling \$996,492 for other intangible assets and \$393,157 for property and equipment. In addition, the Company recorded an impairment charge of \$18,643 for other intangible assets included in its corporate business unit.

At June 30, 2012, the Company recognized the following impairment charges for other intangible assets in the Company's LED replacement lamps segment and its corporate business unit:

			Net Carrying		Net Carrying
	Gross Carrying	Accumulated	Amount Prior to	Impairment	Amount at
	Amount	Amortization	Impairment	Recognized	June 30, 2012
Patents	\$ 1,073,188	\$ (138,851)	\$ 934,337	\$ (934,337)	\$ —
Trademarks	28,998	(3,509)	25,489	(25,489)	
Product certification and licensing costs	125,427	(70,118)	55,309	(55,309)	
	<u>\$ 1,227,613</u>	<u>\$ (212,478)</u>	\$ 1,015,135	<u>\$(1,015,135)</u>	<u>\$</u>

At December 31, 2011, the Company had the following intangible assets subject to amortization:

		December 31, 2011	
	Gross Carrying	Accumulated	Net Carrying
	Amount	Amortization	Amount
Patents	\$ 1,286,437	\$ (197,803)	\$1,088,634
Trademarks	908,998	(192,461)	716,537
Customer relationships	1,010,000	(370,333)	639,667
Non-compete agreement	60,000	(55,000)	5,000
Product certification and licensing costs	158,024	(63,893)	94,131
	\$ 3,423,459	\$ (879,490)	\$2,543,969

Remaining estimated annual amortization expense is as follows:

Year Ending December 31:	
2012	\$ 49,082
2013	192,383
2014	186,659
2015	180,381
2016	175,980
Thereafter	634,356
	\$1,418,841

#### 5. Goodwill:

The changes in the carrying amount of goodwill for the year ended December 31, 2011 and the nine months ended September 30, 2012 are as follows:

	LED	LED Signage	
	Replacement	and Lighting	
	Lamps	Strips	Total
Goodwill	\$ 1,988,920	\$ 407,369	\$ 2,396,289
Accumulated impairment losses			
Balance, January 1, 2011	1,988,920	407,369	2,396,289
Impairment loss		(407,369)	(407,369)
Goodwill	1,988,920	407,369	2,396,289
Accumulated impairment losses		<u>(407,369</u> )	(407,369)
Balance, December 31, 2011	\$ 1,988,920	<u>\$</u>	\$ 1,988,920
Impairment loss	(1,988,920)		(1,988,920)
Goodwill	1,988,920	407,369	2,396,289
Accumulated impairment losses	(1,988,920)	(407,369)	(2,396,289)
Balance, September 30, 2012	<u>\$</u>	\$	<u>\$</u>

As a result of the Company's deteriorating business and significantly reduced market value as of June 30, 2012, the Company performed the impairment test prescribed by ASC 350 for the Company's LED replacement lamps segment (which is also one of the Company's reporting units) and recorded a goodwill impairment charge totaling \$1,988,920 for the quarter ended June 30, 2012.

As a result of lowering the projected revenue growth and cashflows for the LED signage and lighting strips segment, the Company performed the impairment test prescribed by ASC 350 for the Company's LED signage and lighting strips segment (which is also one of the Company's reporting units) and recorded a goodwill impairment charge totaling \$407,369 for the year ended December 31, 2011.

Goodwill impairment testing is a two-step process performed at the reporting unit level. Step one compares the fair value of the reporting unit to its carrying amount. The fair value of the reporting unit is determined by considering both the income approach and the market approach. The fair values calculated under the income approach and market approach are weighted based on circumstances surrounding the reporting unit. Under the income approach, the Company determines fair value based on estimated future cash flows of the reporting unit which are discounted to the present value using discount factors that consider the timing and risk of cash flows. For the discount rate, the Company relies on the capital asset pricing model approach which includes an assessment of the risk-free interest rate, the rate of return from publically traded stocks, the Company's risk relative to the overall market, the Company's size and industry and other Company specific risks. Other significant assumptions used in the income approach include the terminal value, growth rates, future capital expenditures and changes in future working capital requirements. The market approach uses key multiples from guideline businesses that are comparable and are traded on a public market. If the fair value of the reporting unit is greater than its carrying amount, there is no impairment. If the reporting unit's carrying amount exceeds its fair value, then the second step must be completed to measure the amount of impairment, if any. Step two calculates the implied fair value of goodwill by deducting the fair value of all tangible and intangible net assets of the reporting unit from the fair value of the reporting unit as calculated in step one. In this step, the fair value of the reporting unit is allocated to all of the reporting unit's assets and liabilities in a hypothetical purchase price allocation as if the reporting unit had been acquired on that date. If the carrying amount of goodwill exceeds the implied fair value of goodwill, an impairment loss is recognized in an amount equal to the excess.

Determining the fair value of a reporting unit is judgmental in nature and requires the use of significant estimates and assumptions, including revenue growth rates, strategic plans and future market conditions, among others. There can be no assurance that the Company's estimates and assumptions made for purposes of the goodwill impairment testing will prove to be accurate predictions of the future.

#### 6. Stock-Based Compensation:

The Company adopted a stock option plan in 1994 (the "1994 Plan") that provided for the grant of incentive stock options and nonqualified stock options, and reserved 450,000 shares of the Company's common stock for future issuance under the plan. The option price must have been at least 100% of market value at the date of the grant and the options have a maximum term of 10 years. Options granted typically vest ratably over a three-year period or based on achievement of performance criteria. The Company typically grants selected executives and other key employees share option awards, whose vesting is contingent upon meeting various departmental and company-wide performance goals including sales targets and net profit targets. As of September 30, 2012, options to purchase 12,000 shares of common stock were vested and exercisable under the 1994 Plan. The 1994 Plan terminated in 2004.

On September 18, 2003, the Company adopted a new stock option plan (the "2003 Plan") that provides for the grant of incentive stock options and nonqualified stock options, and reserved 450,000 additional shares of the Company's common stock for future issuance under the plan. The 2003 Plan was subsequently amended to increase the number of shares reserved for issuance thereunder to 670,000. During 2008, the 2003 Plan was further amended to increase the number of shares reserved for issuance to 810,000. During 2010, the 2003 Plan was further amended to increase the number of shares reserved for issuance thereunder to 1,160,000. The option price of incentive stock options must be at least 100% of market value at the date of the grant and incentive stock options have a maximum term of 10 years. Options granted typically vest ratably over a three-year period or based on achievement of performance criteria. The Company typically grants selected executives and other key employees share option awards, whose vesting is contingent upon meeting various departmental and company-wide performance goals including sales targets and net profit targets. As of September 30, 2012, options to purchase 689,167 shares of common stock were vested and exercisable under the 2003 Plan. In 2009, the Company amended the 2003 Plan to extend the post-service termination exercise period of nonstatutory stock options granted to directors for their service to the Company as directors from three months after the director's termination date to the tenth anniversary of the date of grant.

The following table summarizes activity in the stock option plans for the nine months ended September 30, 2012:

	Shares Available for Future Grant	Number of Shares Outstanding Under Option	Weighted Average Exercise Price
Balance, January 1, 2011	423,618	670,355	\$ 4.60
Options granted at market	(224,250)	224,250	2.32
Options forfeited or expired	154,585	(157,585)	2.95
Balance, December 31, 2011	353,953	737,020	\$ 4.26
Options granted at market	(52,250)	52,250	0.53
Options forfeited or expired	79,750	(82,750)	1.83
Balance, September 30, 2012	381,453	706,520	\$ 4.27

The weighted average fair value of options granted at market during the nine months ended September 30, 2012 and 2011 was \$0.39 and \$2.26 per option, respectively. The total intrinsic value of options exercised during the nine months ended September 30, 2012 and 2011 was \$0. The aggregate intrinsic value of the outstanding exercisable options at September 30, 2012 and 2011 was \$0.

#### 7. Convertible Promissory Notes and Warrants:

On December 21, 2009, the Company issued \$2,400,000 in principal of convertible promissory notes (the "Exchange Notes") and warrants to purchase an aggregate of 935,040 shares of the Company's common stock (the "Exchange Warrants") in exchange for 480 shares of outstanding Series A Preferred Stock (the "Exchange"). The Preferred Shareholders holding the 480 shares of Preferred Stock, which had a stated value of \$2,400,000, were Michael Brown, a former director of the Company and affiliates of Mariner Private Equity, LLC, of which Patrick Doherty, a former director of the Company, is president. The Exchange Notes bore interest at 1% per annum, matured three years from the date of issuance and were convertible into 450,281 shares of common stock at a fixed conversion price of \$5.33. The Exchange Warrants have an exercise price of \$5.08 and expire three years from issuance. There were no price-based anti-dilution provisions in the Exchange Notes or Exchange Warrants.

On February 28, 2012, the Company and the holders of the Exchange Notes amended the Exchange Notes. As of the amendment date, the Exchange Notes bore interest at 10% per annum and matured on June 30, 2013. Interest on the outstanding principal amount of the Exchange Notes was due and payable on the maturity date. The Exchange Notes remained convertible into 450,281 shares of Common Stock at a fixed conversion price of \$5.33.

Concurrent with closing the Investment by RVL 1 LLC (Note 8), on September 25, 2012, the holders of the Exchange Notes exchanged the Exchange Notes for a total of \$880,000 in cash (which payment was funded at closing from the proceeds of the Investment) and 1,000,000 newly-issued shares of the Company's Common Stock (the "Note Exchange"). The Note Exchange was consummated pursuant to the terms of a termination and exchange agreement (the "Termination and Exchange Agreement") entered into by the Company and the holders of the Exchange Notes on September 12, 2012, providing for the extinguishment of the indebtedness represented by the Exchange Notes concurrent with and subject to the Investment.

The Company accounted for this transaction as a troubled debt restructuring in accordance with FASB ASC 470-60, "Troubled Debt Restructurings by Debtors". The Company recognized a gain on debt restructuring equal to the excess of the carrying amount of the Exchange Notes and related accrued interest of \$140,667 over the fair value of the cash and Common Stock issued in the Note Exchange. For the three months ended September 30, 2012, the Company recognized a gain on debt restructuring of \$1,048,308, which caused basic and diluted loss per share for the three and nine months ended September 30, 2012 to decrease by \$0.06. After recording the \$1,048,308 gain on debt restructuring, the termination of the Exchange Notes resulted in an increase in the Company's Stockholders' Equity of \$1,636,208.

The Exchange Warrants issued in conjunction with the Exchange Notes remain outstanding. The Exchange Warrants continue to have an exercise price of \$5.08 and expire on December 21, 2012.

# 8. Preferred Stock:

On September 30, 2012, the Company is authorized to issue 5,000,000 shares of preferred stock, of which 3,000 shares have been designated as Series A Preferred Stock and 1,000,000 shares have been designated as Series B Convertible Preferred Stock. The Company has no shares of Series A Preferred Stock outstanding.

On September 12, 2012, the Company entered into an Investment Agreement (the "Investment Agreement") with RVL 1 LLC (the "Investor"), an affiliate of Aston Capital, LLC. The closing of the Investment occurred on September 25, 2012. In consideration of a cash payment of \$6 million (the "Investment"), the Company issued to the Investor 600,000 shares of newly-created Series B Convertible Preferred Stock, \$.001 par value per share (the "Preferred Stock"). The Preferred Stock is convertible into shares of the Company's common stock, \$.001 par value per share (the "Common Stock") at a conversion price per share equal to \$0.13, subject to certain anti-dilution adjustments. The conversion price was the closing price of the Company's Common Stock on August 2, 2012, the date the Company entered into the letter of intent with respect to the Investment. The proceeds from the Investment were used to extinguish the Exchange Notes and related accrued interest (Note 7), to fund a settlement payment in connection with the settlement of the Philips lawsuit described in Note 11, to pay the fees and expenses in connection with the Investment and for working capital purposes.

After giving effect to the conversion of the Preferred Stock and the other transactions contemplated by the Investment Agreement, the Investor would own 46,153,846 as-converted common shares, or approximately 73% of the Company's outstanding Common Stock. At September 30, 2012, the Preferred Stock represented approximately 73% of the outstanding voting stock of the Company on an asconverted basis and resulted in a change in control of the Company. The Investor is entitled to vote the Preferred Stock on an asconverted basis with the Company's Common Stock. On October 3, 2012, the Investor converted 228,186 shares of Preferred Stock into 17,552,769 shares of Common Stock.

The Preferred Stock has a liquidation preference of \$10 per share and will share ratably on an as-converted basis with the Company's Common Stock in the payment of dividends and distributions. In addition, the Company is prohibited from taking certain actions specified in the Certificate of Designations with respect to the Preferred Stock without the consent of the holders of at least a majority of the then outstanding shares of Preferred Stock.

The Company has concluded that the Preferred Stock is more akin to an equity-type instrument than a debt-type instrument. As the embedded conversion option in the Preferred Stock is clearly and closely related to an equity-type host, the conversion option does not require classification and measurement as a derivative financial instrument.

A beneficial conversion feature ("BCF") is recorded when the consideration allocated to a convertible security, divided by the number of common shares into which the security converts, is below the fair value of the common stock at the commitment date. The Company's Common Stock price on the date of the Investment Agreement was \$0.13 per share, which is equal to the conversion price of the Preferred Stock. As the Investment Agreement included certain conditions for closing, the commitment date for the Investment is deemed to be the date the Preferred Stock is issued. On September 25, 2012, the closing date of the Investment, the Company's Common Stock price had increased to \$0.59 per share. As a result of the increase in the Company's Common Stock price between the dates of the Investment Agreement and the closing of the Investment, the Company has recognized a BCF. The value of the BCF is limited to the basis that is initially allocated to the convertible security. The Company received cash proceeds, net of transactions costs, totaling \$5,195,225 for the Preferred Stock. The Company allocated the entire net proceeds of \$5,195,225 to the BCF which is initially recorded in additional paid-in capital. The BCF is treated as a deemed dividend on the Preferred Stock and is accreted to the Preferred Stock using the effective interest method through the date of earliest conversion. As the Preferred Stock is immediately convertible, the Company included a deduction of \$5,195,225 in determining loss per share for the three and nine months ended September 30, 2012. The aforementioned deduction had no impact on the Company's Stockholders' Equity.

The rules of The NASDAQ Stock Market ("NASDAQ") would have normally required that Nexxus' stockholders approve the Investment prior to closing the transactions contemplated by the Investment Agreement. However, NASDAQ granted Nexxus an exception from this stockholder voting requirement under Listing Rule 5635(f), which provides that an exception may be granted when (i) the delay in securing stockholder approval would seriously jeopardize the financial viability of the enterprise and (ii) reliance on such exception has been expressly approved by the audit committee of the board of directors comprised solely of independent, disinterested directors. NASDAQ also has granted Nexxus an exception from the voting rights requirements of Listing Rule 5640 and IM-5640 with respect to the transactions contemplated by the Investment Agreement.

# 9. Vendor Concessions:

As the Company's financial condition deteriorated during the last several months, it became necessary for the Company to accelerate its cash conservation measures, including delaying or withholding payments to vendors. In conjunction with the Investment by RVL 1 LLC, certain accounts payable vendors and service providers agreed to accept payments less than the outstanding balance owed to them. For the three months ended September 30, 2012, the Company recognized a gain from vendor concessions of \$153,522 which is included in selling, general and administrative expense and caused basic and diluted loss per share for the three and nine months ended September 30, 2012 to decrease by \$0.01. As a result of the Investment and subsequent payments to our suppliers and service providers, the Company believes it has successfully restored its relationship and credit with the Company's primary vendors.

#### 10. Segment Reporting:

The Company's operations are principally managed on a product basis and are comprised of two reportable segments for financial purposes: LED replacement lamps and LED signage and lighting strips. The Array® product line consists of white light LED replacement lamps. The Lumificient product line consists of LED signage and lighting strips.

Financial information relating to the reportable operating segments for the three and nine months ended September 30, 2012 and 2011 is presented below:

	Three	Three Months Ended September 30, Nine Months		ine Months End	Ended September 30,			
	20	12		2011		2012		2011
Revenues from external customers:								
LED replacement lamps	\$ 11	17,519	\$	1,155,697	\$	577,389	\$	4,750,958
LED signage and lighting strips	1,13	32,996		957,306	2	2,874,678		2,981,355
Total revenues from external customers	\$ 1,25	50,515	\$	2,113,003	\$ 3	3,452,067	\$	7,732,313
Segment (loss) income:								
LED replacement lamps	\$ (16	51,487)	\$	(7,460)	\$ (5	5,631,881)	\$	(110,999)
LED signage and lighting strips		<del>16,424</del>		19,274		(103,694)		49,896
Segment (loss) income	(11	15,063)		11,814	(:	5,735,575)		(61,103)
Unallocated amounts:								
Corporate expenses	(59	94,841)		(1,002,793)	(2	2,343,487)		(3,075,243)
Interest income		17		85		107		489
Interest expense	(7	79,452)		(41,576)		(210,014)		(97,125)
Gain on debt restructuring	1,04	48,308		<u> </u>		1,048,308		
Income (loss) from continuing operations	\$ 25	58,969	\$	(1,032,470)	\$ (	7,240,661)	\$	(3,232,982)
Depreciation and amortization:								
LED replacement lamps	\$	385	\$	72,688	\$	110,911	\$	205,633
LED signage and lighting strips		57,592		63,884		178,533		189,571
Segment depreciation and amortization		57,977		136,572		289,444		395,204
Corporate depreciation and amortization		7,245		56,301		114,182		168,390
Total depreciation and amortization	\$ 6	55,222	\$	192,873	\$	403,626	\$	563,594

#### 11. Contingencies:

In the ordinary course of business the Company may become a party to various legal proceedings generally involving collection actions, contractual matters, infringement actions, product liability claims and other matters.

On March 26, 2012, Koninklijke Philips Electronics N.V. and Philips Solid-State Lighting Solutions, Inc. (collectively, "Philips") filed a lawsuit (civil action no. 12-cv-10549) in the United States District Court for the District of Massachusetts against the Company alleging that the Company's Array and certain other products infringe certain of Philips' patents for LED lighting. In September 2012, the Company entered into a settlement agreement ending the patent litigation brought by Philips. In connection with the settlement and patent license agreement, Philips granted the Company an ongoing, royalty-bearing license to the comprehensive portfolio of patented LED technologies and solutions offered under Philips' LED luminaire and retrofit bulb licensing program. The license allows Nexxus to continue the manufacture and sale of LED-based lighting products, including the Array® brand of LED replacement light bulbs. In September 2012, Nexxus paid Philips a one-time, lump-sum royalty fee to address past sales. In conjunction with the settlement and patent license agreement, on October 3, 2012, the parties filed a joint stipulation requesting dismissal of the lawsuit and on October 4, 2012 the action was dismissed without prejudice.

On July 27, 2012, the Company received a letter from a vendor's attorney threatening litigation relating to inventory this vendor is holding for future use and sale to the Company. The Company settled this matter with the vendor in September 2012.

The Company settled the above contingencies at the time of the Investment closing. In September 2012, the Company paid \$265,000 to settle these matters.

On May 10, 2011, the CAO Group, Inc. ("CAO") filed a lawsuit (civil action no. 2:11-cv-00426) in the United States District Court for the District of Utah Central Division against the Company alleging that the Company's Array and certain other products infringe certain of CAO's patents for LED lighting. The complaint also lists GE Lighting, Osram Sylvania, Lighting Science Group Corporation, Sharp Electronics Corporation, Toshiba International Corporation, Feit Electric Company, Inc., and Lights of America, Inc. as defendants. The plaintiff is seeking injunctive relief, monetary damages and reimbursement of its attorney's fees and costs. The Company is evaluating CAO's claims. The Company intends to vigorously defend its products and intellectual property.

#### 12. Subsequent Events:

On October 3, 2012, the Investor converted 228,186 shares of Preferred Stock into 17,552,769 shares of Common Stock.

On May 9, 2012, the Company received a letter from the Listing Qualifications Department of The Nasdaq Stock Market notifying the Company that the minimum bid price per share for its common stock fell below \$1.00 for a period of 30 consecutive business days and that therefore the Company did not meet the minimum bid price requirement set forth in Nasdaq Listing Rule 5550(a)(2). The Company was initially provided 180 calendar days, or until November 5, 2012, to regain compliance with the minimum bid price requirement.

On November 7, 2012, Nasdaq granted the Company's request for an additional 180-days, or until May 6, 2013, for the Company to regain compliance with the minimum bid price requirement.

#### Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations

#### **Special Note Regarding Forward-Looking Statements**

The following discussion and analysis provides information that management believes is useful in understanding our operating results, cash flows and financial condition. The discussion should be read in conjunction with, and is qualified in its entirety by reference to, the unaudited Consolidated Financial Statements and Notes thereto appearing elsewhere in this report and the audited Financial Statements and related Notes to Financial Statements contained in our Annual Report on Form 10-K for the year ended December 31, 2011. All references in this report on Form 10-Q to "Nexxus," "Nexxus Lighting," "the Company," "we," "us," "our company," or "our" refer to Nexxus Lighting, Inc. and its consolidated subsidiary, except where it is clear that such terms mean only Nexxus Lighting, Inc. or our subsidiary Lumificient Corporation ("Lumificient").

Except for the historical information contained herein, the discussions in this report contain certain forward-looking statements within the meaning of the "safe-harbor" provisions of the Private Securities Litigation Reform Act of 1995, as amended, the attainment of which involve various risks and uncertainties. Forward-looking statements may be identified by the use of forward-looking terminology such as "may", "should", "expect", "plan", "believe", "estimate", "anticipate", "continue", "predict", "forecast", "intend", "potential", or similar terms, variations of those terms or the negative of those terms. Our actual results may differ materially from those described in these forward-looking statements. The forward-looking statements are subject to risks, uncertainties and assumptions, including, among other factors:

- our history of losses and anticipated future losses;
- the risk that any reorganization of our company, operations and/or product offerings, may cause us to incur greater losses and create disruptions in our business;
- the risk that we may be unable to obtain sufficient capital to continue operations;
- the risk that we may not be able to maintain adequate liquidity or remain viable if we are unable to successfully manage our costs and expenses, increase revenue, or raise capital, as needed;
- the risk that demand for our Array® brand of LED light bulbs fails to emerge as anticipated and the potential failure to make adjustments to our operating plan necessary as a result of any failure to forecast accurately;
- the risk that any investments in new business strategies or acquisitions may distract management from current operations
  and result in greater than expected liabilities and expenses, inadequate return of capital, additional indebtedness and/or
  dilution to our stockholders;
- competition in each of our product areas, including price competition;
- dependence on suppliers and third-party manufacturers;
- the success of our sales, marketing and product development efforts;
- the condition of the international marketplace;
- general economic and business conditions;
- the evolving nature of our LED lighting technology;
- our ability to adequately protect our intellectual property rights;
- the risk that infringement claims by others may subject us to significant costs even if the claims are invalid and that an
  adverse outcome in litigation could subject us to significant liabilities, require us to license disputed rights from others or
  require us to cease marketing or using certain products or technologies; and
- our majority stockholder controls the outcome of all matters submitted for stockholder action, including the composition of
  our Board of Directors and the approval of significant corporate transactions and we have elected to be governed as a
  "controlled company" pursuant to the rules of The Nasdaq Capital Market.

Additional information concerning these or other factors which could cause actual results to differ materially from those contained or projected in, or even implied by, such forward-looking statements is contained in this report and also from time to time in our other Securities and Exchange Commission filings. Readers should carefully review the risk factors described in other documents we file from time to time with the Securities and Exchange Commission, including our Annual Report on Form 10-K for the year ended December 31, 2011. Although we believe that the assumptions underlying the forward-looking statements are reasonable, any of the assumptions could prove inaccurate and, therefore, there can be no assurance that the forward-looking information will prove to be accurate. Neither our company nor any other person assumes responsibility for the accuracy and completeness of these forward-looking statements. We are under no duty to update any of the forward-looking statements after the date of this report on Form 10-Q to conform our prior statements to actual results.

# **Recent Events**

On September 12, 2012, we entered into an Investment Agreement (the "Investment Agreement") with RVL 1 LLC (the "Investor"), an affiliate of Aston Capital, LLC. The closing of the Investment occurred on September 25, 2012. In consideration of a cash payment of \$6 million (the "Investment"), we issued to the Investor 600,000 shares of newly-created Series B Convertible Preferred Stock, \$.001 par value per share (the "Preferred Stock"). The Preferred Stock is convertible into shares of our common stock, \$.001 par value per share (the "Common Stock") at a conversion price per share equal to \$0.13, subject to certain anti-dilution adjustments. The conversion price was the closing price of the Company's Common Stock on August 2, 2012, the date the Company entered into the letter of intent with respect to the Investment. The proceeds from the Investment were used to extinguish approximately \$2.5 million of existing short term debt, to fund a settlement payment in connection with the settlement of the Philips lawsuit described below, to pay the fees and expenses in connection with the Investment and for working capital purposes.

After giving effect to the conversion of the Preferred Stock and the other transactions contemplated by the Investment Agreement, the Investor owns 46,153,846 shares, or approximately 73% of the Company's outstanding Common Stock. The Preferred Stock represents approximately 73% of the outstanding voting stock of the Company on an as-converted basis and resulted in a change in control of the Company. The Investor is entitled to vote the Preferred Stock on an as-converted basis with the Company's Common Stock.

The Preferred Stock has a liquidation preference of \$10 per share. The Preferred Stock also will share ratably on an as-converted basis with the Company's Common Stock in the payment of dividends and distributions. In addition, the Company is prohibited from taking certain actions specified in the Certificate of Designations with respect to the Preferred Stock without the consent of the holders of at least a majority of the then outstanding shares of Preferred Stock.

A portion of the proceeds from the Investment were used in connection with the settlement of a lawsuit brought against the Company by Koninklijke Philips Electronics N.V. and Philips Solid-State Lighting Solutions, Inc. (collectively, "Philips") on March 26, 2012, alleging that the Company's Array and certain other products infringe certain of Philips' patents for LED lighting. In September 2012, the Company entered into a settlement agreement ending the patent litigation brought by Philips. In connection with the settlement and patent license agreement, Philips granted the Company an ongoing, royalty-bearing license to the comprehensive portfolio of patented LED technologies and solutions offered under Philips' LED luminaire and retrofit bulb licensing program. The license allows Nexxus to continue the manufacture and sale of LED-based lighting products, including the Array® brand of LED replacement light bulbs. In September 2012, Nexxus paid Philips a one-time, lump-sum royalty fee to address past sales. In conjunction with the settlement and patent license agreement, on October 3, 2012, the parties filed a joint stipulation requesting dismissal of the lawsuit and on October 4, 2012 the action was dismissed without prejudice.

In addition, concurrent with closing the Investment by RVL 1 LLC, on September 25, 2012, the holders of \$2.4 million in aggregate principal amount of convertible promissory notes of the Company (the "Exchange Notes") exchanged the Exchange Notes (including \$140,667 of accrued interest) for a total of \$880,000 in cash (which payment was funded at closing from the proceeds of the Investment) and 1,000,000 newly-issued shares of the Company's Common Stock (the "Note Exchange"). The Note Exchange was consummated pursuant to the terms of a termination and exchange agreement (the "Termination and Exchange Agreement") entered into by the Company and the holders of the Exchange Notes on September 12, 2012, providing for the extinguishment of the approximately \$2.5 million of indebtedness associated with the Exchange Notes concurrent with and subject to the Investment.

#### Overview

We design, manufacture, market and sell high performance, commercial grade, LED replacement light bulbs and LED-based signage, channel letter and contour lighting products. We sell these products under the Array Lighting and Lumificient brand names. With 46 issued patents and 28 combined U.S. and foreign patent applications pending related to our Array Lighting and Lumificient product offerings, our products incorporate many proprietary and innovative features. Our patented Selective Heat Sink (SHS) technology and patented designs provide opportunities for significant savings in energy and maintenance costs without compromising the environment. We generate revenue by selling products for use in the commercial, hospitality, institutional, retail and sign markets. We market and distribute products globally through multiple networks of independent sales representatives and distributors as well as through energy savings companies and national accounts. We began shipping our line of Array LED replacement lamps in December 2008 and continued the launch in 2009. In 2011, we expanded our sales of Array replacement lamps to the consumer market channel through a large home improvement retailer. In March 2011, the retailer began offering our Array lamps through its website. Beginning in June 2011, our Array lamps became available in approximately 1,100 of the retailer's stores. We expect that sales to this customer will not be significant in 2012 due to low consumer acceptance of our Array products at their current price points.

The initial Array product line included five lamp sizes or types with several options for color temperatures and light beams. Since its introduction we have continued to broaden the product line by adding additional lamp sizes and options, as well as upgrades to the original products. We have successfully certified a number of our Array lamps under the Energy Star program and expect to continue seeking certification of our Array lamps under the Energy Star program as new products are introduced. Four of our Array lamps were among the first lamps to be certified under the Energy Star program which began accepting applications for lamps in September 2010. In February 2012, our

Array R30 lamps were the first LED reflector lamp replacements to earn the full 50,000 hour certification by Energy Star. This 50,000 hour life is equivalent to more than 10 years when the lamp is on for twelve hours per day. We intend to continue making investments to expand the Array product offering and grow our market share.

The Company's operations are principally managed on a product basis and are comprised of two reportable segments for financial purposes: LED replacement lamps and LED signage and lighting strips. The Array product line consists of white light LED replacement lamps. The Lumificient product line consists of LED signage and lighting strips. Throughout this report, we sometimes use "Array" to refer to our LED replacement lamps segment and "Lumificient" to refer to our LED signage and lighting strips segment.

On October 28, 2010, we sold substantially all of the assets of our legacy commercial/architectural lighting and pool and spa lighting businesses (the "Legacy Commercial and Pool Lighting Businesses"). Our Legacy Commercial and Pool Lighting Businesses consisted of the manufacture, marketing and sale of LED and fiber optic lighting products used for applications in commercial, architectural and pool and spa markets, excluding our Array business and the business of Lumificient. The divestiture of these businesses fits with our strategic plans to focus our resources on businesses where we see more significant long term growth potential. The results of operations of the Legacy Commercial and Pool Lighting Businesses have been reflected as discontinued operations for all periods presented.

# **Results of Operations**

*Revenue*: Revenue is derived from sales of our advanced lighting products. These products consist of solid-state LED replacement lamps, lighting systems and controls. Revenue is subject to both quarterly and annual fluctuations as a result of product mix considerations.

We sell our products pursuant to purchase orders and do not have any long-term contracts with our customers. We recognize revenue upon shipment to our customers. Delays in product orders or changes to the timing of shipments could cause our quarterly revenue to vary significantly. The majority of our sales are to the North American market (which includes Canada, but excludes Mexico for our purposes), and we expect that region to continue to be a major source of revenue for us. However, we also derive a portion of our revenue from customers outside of the North American market. All of our revenue is denominated in U.S. dollars.

Cost of Goods Sold: Our cost of goods sold consists primarily of raw materials, production costs from our contract manufacturers and manufacturing-related overhead such as depreciation, rent and utilities. In addition, our cost of goods sold includes provisions for excess and obsolete inventory reserves, freight and warranties. We manufacture our products based on sales projections and customer orders. We purchase materials and supplies to support such demand.

*Gross Profit:* Our gross profit has been and will continue to be affected by a variety of factors, including average sales prices of our products, product mix, our ability to reduce manufacturing costs and fluctuations in the cost of our purchased components. We define direct gross margin as revenue less direct material costs.

Operating Expenses: Operating expenses consist primarily of salaries and associated costs for employees in sales, engineering, finance, and administrative activities. In addition, operating expenses include charges relating to accounting, legal, insurance and stock-based compensation under the Financial Accounting Standards Board Accounting Standards Codification 718, "Compensation – Stock Compensation".

#### Three months ended September 30, 2012 vs. 2011

#### Revenue

		(Unaudite	ed)		
		Quarter Ended September 30,			
	2012	2011	Change	%	
Array LED lamps	\$ 117,519	\$1,155,697	\$(1,038,178)	-90%	
Lumificient	1,132,996	957,306	175,690	18%	
Total revenue	<u>\$1,250,515</u>	\$2,113,003	\$ (862,488)	<u>-41</u> %	

Our operations faced significant challenges during the quarter. Our cash levels approached illiquidity and our business prospects were uncertain, particularly for the Array business. We implemented a number of measures to preserve cash, including the termination of all Array sales and marketing personnel. Prices for Array product were sharply reduced in an attempt to convert inventory to cash. During this same period, we operated our Lumificient business largely under normal conditions. On September 25, 2012, we closed the Investment from RVL 1 LLC, an affiliate of Aston Capital, LLC. As a result, we believe that our Company is poised to resume its sales growth and penetration into the LED lighting market.

Total revenue for the three months ended September 30, 2012 decreased 41%, or approximately \$862,000, to approximately \$1,251,000 as compared to approximately \$2,113,000 for the three months ended September 30, 2011. Sales of Lumificient products increased 18% from approximately \$957,000 in the third quarter of 2011 to approximately \$1,133,000 in the third quarter of 2012. This increase represents growth in Lumificient's national sign lighting business.

Sales of Array products decreased 90% from approximately \$1,156,000 in the third quarter of 2011 to approximately \$118,000 in the third quarter of 2012. Sales in the third quarter of 2011 primarily represented the initial shipments of our Array products to Lowe's distribution centers across the United States. These shipments were intended to meet the anticipated replenishment demand from the approximately 1,100 Lowe's stores that our company supplied in the second quarter of 2011. We expect that sales to this customer will not be significant in 2012 due to low consumer acceptance of our Array products at their current price points. In addition, as noted above, sales of our Array products in particular had been adversely affected by our deteriorating financial condition and business prospects.

#### Gross Profit

		(Unaudited)			
		Quarter Ended September 30,			
	2012	2011	Change	%	
Revenue	\$1,250,515	\$2,113,003	\$(862,488)	-41%	
Cost of sales	935,379	1,456,946	(521,567)	<u>-36</u> %	
Gross profit	\$ 315,136	\$ 656,057	\$(340,921)	-52%	
Gross margin %	25%	31%		<u></u>	

Gross profit for the three months ended September 30, 2012 was approximately \$315,000, or 25% of revenue, as compared to gross profit of approximately \$656,000, or 31% of revenue for the comparable period of 2011. Direct gross margin, which is revenue less material cost, decreased from 43% in the third quarter of 2011 to 38% in the third quarter of 2012. Our sales of Array products generated negative direct gross margins as we began liquidating surplus and discontinued inventory. In addition Lumificient's sales shifted toward a higher concentration of sales for national sign lighting programs where margins are more constricted.

In the third quarter of 2012, distribution costs, which include some light assembly costs, decreased to approximately \$155,000 from approximately \$257,000 in the third quarter of 2011. Distribution costs equated to 12% of sales for each of these periods. Lumificient's distribution costs increased slightly in the third quarter of 2012 compared to the same period in the prior year, while the distribution costs associated with Array declined for the same period.

#### Operating Loss and Expenses

		(Unaudited)			
		Quarter Ended September 30,			
	2012	2011	Change	%	
Gross profit	\$ 315,136	\$ 656,057	\$(340,921)	-52%	
Less operating expenses:					
Selling, general and administrative	899,116	1,432,920	(533,804)	-37%	
Research and development	125,924	214,116	(88,192)	<u>-41</u> %	
Total operating expenses	_1,025,040	_1,647,036	(621,996)	<u>-38</u> %	
Operating loss	<u>\$ (709,904)</u>	<u>\$ (990,979</u> )	\$ 281,075	<u>-28</u> %	

Selling, general and administrative (SG&A) expenses were approximately \$899,000 for the quarter ended September 30, 2012 as compared to approximately \$1,433,000 for the same period in 2011, a decrease of approximately \$534,000, or 37%. Lumificient's SG&A expenses decreased by approximately \$14,000 in the third quarter of 2012 compared to the same period in 2011. In an effort to improve liquidity, we cut costs sharply in our corporate and Array businesses across almost all categories. In addition, we were able to negotiate lower payments on previous expenses with many of our vendors.

Research and development costs were approximately \$126,000 during the three months ended September 30, 2012, a decrease of approximately \$88,000, or 41%, compared to the same period in 2011. This decrease primarily reflects a decrease in compensation costs of approximately \$52,000.

#### Non-operating Expense

In the third quarter of 2012, we recorded a gain on debt restructuring of approximately \$1,048,000 related to the extinguishment of debt in the Note Exchange concurrent with the Investment. The Exchange Notes had a principal value of \$2.4 million, plus accrued interest. The Exchange Notes were exchanged for a total of \$880,000 in cash and 1,000,000 million shares of our Common Stock.

# **Income Taxes**

We have provided a full valuation allowance against income tax benefits resulting from losses incurred and accumulated on operations. As a result, there was no provision for income tax recorded during the three months ended September 30, 2012 and 2011, respectively.

#### Net Loss

Net income for the three months ended September 30, 2012 was approximately \$259,000. Net loss for the three months ended September 30, 2011 was approximately \$1,029,000, including income from discontinued operations related to our Legacy Commercial and Pool Lighting Businesses of approximately \$3,000. After including the effect of the accretion of the beneficial conversion feature for the Series B convertible preferred stock we issued to the Investor on September 25, 2012, net loss attributable to common stockholders was approximately \$4,936,000 and \$1,029,000 for the three months ended September 30, 2012 and 2011, respectively. Basic and diluted loss per common share attributable to common stockholders was \$0.30 and \$0.06 for the three months ended September 30, 2012 and 2011, respectively. Basic and diluted loss per common share from continuing operations attributable to common stockholders was \$0.30 and \$0.06 for the three months ended September 30, 2012 and 2011, respectively.

# Nine months ended September 30, 2012 vs. 2011

# Revenue

		(Unaudite	ed)		
	N	Nine Months Ended September 30,			
	2012	2011	Change	%	
Array LED lamps	\$ 577,389	\$4,750,958	\$(4,173,569)	-88%	
Lumificient	2,874,678	2,981,355	(106,677)	<u>-4</u> %	
Total revenue	<u>\$3,452,067</u>	\$7,732,313	<u>\$(4,280,246)</u>	-55%	

Total revenue for the nine months ended September 30, 2012 declined 55% to approximately \$3,452,000 as compared to the nine months ended September 30, 2011. Sales of Lumificient products decreased approximately \$107,000, or 4%, to approximately \$2,875,000 for the first nine months of 2012 compared to approximately

\$2,981,000 for the same period of 2011. Lumificient grew its sales to several large national sign customers during the second and third quarters of 2012. This growth served to partially offset a drop in sales for non-sign lighting applications which the business gained in the first quarter of 2011 and did not replicate in 2012.

Sales of our Array LED lamps declined 88% to approximately \$577,000 for the first nine months of 2012 compared to approximately \$4,751,000 for the same period of 2011. The sales decrease of approximately \$4,174,000 reflects the growth in sales of Array products associated with the 2011 launch of Array products for sale through the consumer market channel. In the second quarter of 2011, we completed our initial shipments of Array products to approximately 1,100 Lowe's stores across the United States. In the third quarter of 2011, we initiated shipments to Lowe's distribution centers to meet anticipated replenishment demand from the Lowe's stores. We expect that sales to this customer will not be significant in 2012 due to low consumer acceptance of our Array products at their current price points. In addition, sales of our Array products in particular have been adversely affected by our deteriorating financial condition, business prospects and the associated actions taken by our Company.

#### **Gross Profit**

		(Unaudited)			
		Nine Months Ended September 30,			
	2012	2011	Change	%	
Revenue	\$3,452,067	\$7,732,313	\$(4,280,246)	-55%	
Cost of sales	3,830,215	5,582,692	(1,752,477)	<u>-31</u> %	
Gross (loss) profit	<u>\$ (378,148</u> )	\$2,149,621	\$(2,527,769)	-118%	
Gross margin %	-11%	28%		- <del></del>	

Negative gross profit for the nine months ended September 30, 2012 was approximately \$378,000, or -11% of revenue, as compared to gross profit of approximately \$2,150,000, or 28% of revenue for the comparable period of 2011. Direct gross margin, which is revenue less material cost, remained flat at 40% for both periods. Array direct gross margins declined due to market price pressures and our inventory liquidation efforts. Lumificient experienced a decline in direct gross margins due to the growth in national sign lighting programs where pricing is more competitive. These declines however were offset by the shift in sales mix from Array products to Lumificient's products, resulting in our direct gross margin remaining flat.

Distribution costs, which include some light assembly costs, for the first nine months of 2012 increased approximately \$830,000 to approximately \$1,769,000 as compared to approximately \$939,000 for the same period of 2011. The increase in distribution costs includes approximately \$1,184,000 more expense for inventory adjustments recorded through September 30, 2012 compared to the same period in 2011. As a result of deteriorating market conditions, aggressive pricing by our competitors and our inventory liquidation efforts, we recorded a write down of Array inventory to allow us to price our Array products accordingly. We are reviewing our sourcing strategy and may decide to discontinue certain products. Offsetting these higher inventory adjustments for the first nine months of 2012, freight expense decreased by approximately \$232,000 on the lower sales volume and depreciation declined by approximately \$85,000, compared to the same period in 2011. In addition, distribution costs for Lumificient remained flat through the first nine months of 2012 compared to the same period of 2011.

#### Operating Loss and Expenses

		(Unaudited)			
	1	Nine Months Ended S	September 30,		
	2012	2011	Change	%	
Gross (loss) profit	\$ (378,148)	\$ 2,149,621	\$(2,527,769)	-118%	
Less operating expenses:					
Selling, general and administrative	3,854,782	4,654,095	(799,313)	-17%	
Research and development	448,920	631,799	(182,879)	-29%	
Impairment charge	3,397,212		3,397,212	N/A	
Total operating expenses	7,700,914	5,285,894	2,415,020	46%	
Operating loss	<u>\$(8,079,062)</u>	<u>\$(3,136,273)</u>	<u>\$(4,942,789)</u>	158%	

Selling, general and administrative (SG&A) expenses were approximately \$3,855,000 for the nine months ended September 30, 2012 as compared to approximately \$4,654,000 for the same period in 2011, a decrease of approximately \$799,000, or -17%. For the nine months ended September 30, 2012, employee compensation expense in our corporate and Array business units decreased by approximately \$504,000 while travel-related costs across these business units decreased by approximately \$60,000 as compared to the same period in 2011. Commission expense declined by approximately \$64,000 on the lower Array sales for the nine months ended September 30, 2012 as compared to the same period in 2011. The expiration of our lease in Orlando reduced facility expense by approximately \$81,000 for the nine months ended September 30, 2012 as compared to the same period in 2011. Noncash stock compensation expense decreased by approximately \$247,000 for the nine months ended September 30, 2012 compared to the same period in 2011.

These expense reductions were offset by higher expense of approximately \$265,000 to resolve patent infringement litigation and other potential claims for the nine months ending September 30, 2012 compared to the same period in 2011.

Research and development costs were approximately \$449,000 during the nine months ended September 30, 2012 as compared to approximately \$632,000 during the same period in 2011. This decrease of approximately \$183,000 was primarily due to lower costs in our corporate engineering department, including lower employee compensation expense of approximately \$129,000 and lower project-related costs of approximately \$54,000.

In the second quarter of 2012, we recorded an impairment charge for our Array segment of approximately \$3,378,000 and an impairment charge for our corporate trademarks of approximately \$19,000. These charges include approximately \$1,989,000 for goodwill impairment, approximately \$1,015,000 for impairment of other intangible assets and approximately \$393,000 for impairment of property and equipment.

#### Non-operating Expense

In the third quarter of 2012, we recorded a gain on debt restructuring of approximately \$1,048,000 related to our extinguishment of debt concurrent with the Investment. The Exchange Notes had a principal value of \$2.4 million, plus accrued interest. The Exchange Notes were exchanged for a total of \$880,000 in cash and 1,000,000 million shares of our Common Stock.

# **Income Taxes**

We have provided a full valuation allowance against income tax benefits resulting from losses incurred and accumulated on operations. As a result, there was no provision for income tax recorded during the nine months ended September 30, 2012 and 2011, respectively.

#### Net Loss

Net loss for the nine months ended September 30, 2012 and 2011 was approximately \$7,240,000 and \$3,226,000, respectively, including income from discontinued operations related to the Legacy Commercial and Pool Lighting Businesses of approximately \$1,000 in 2012 and \$7,000 in 2011. After including the effect of the accretion of the beneficial conversion feature for the Series B convertible preferred stock that we issued to the Investor on September 25, 2012, net loss attributable to common stockholders was approximately \$12,435,000 and \$3,226,000 for the nine months ended September 30, 2012 and 2011, respectively. Basic and diluted loss per common share attributable to common stockholders was \$0.75 and \$0.20 for the nine months ended September 30, 2012 and 2011, respectively. Basic and diluted loss per common share from continuing operations attributable to common stockholders was \$0.75 and \$0.20 for the nine months ended September 30, 2012 and 2011, respectively.

#### **Liquidity and Capital Resources**

At September 30, 2012, we had cash and cash equivalents of approximately \$4,298,000, compared to cash and cash equivalents of approximately \$3,015,000 at December 31, 2011. We had working capital at September 30, 2012 and 2011 of approximately \$5,326,000.

Net cash used in operating activities increased approximately \$623,000 to approximately \$2,937,000 for the nine months ended September 30, 2012, as compared to approximately \$2,314,000 for the nine months ended September 30, 2011. Net loss adjusted for non-cash items for the nine months ended September 30, 2012 increased by approximately \$1,396,000, as compared to the same period in 2011. Cash generated from operating assets and liabilities increased to \$686,000 for the nine months ended September 30, 2012 compared to cash used for operating assets and liabilities of approximately \$87,000 for the same period in 2011.

Net cash used in investing activities for the nine months ended September 30, 2012 was approximately \$95,000 as compared to net cash provided by investing activities of approximately \$767,000 in the same period of 2011. Cash provided by investing activities for the nine months ended September 30, 2011 is primarily the result of the

collection of the approximately \$1,110,000 note receivable related to the sale of our Legacy Commercial and Pool Lighting Businesses. Cash used for the purchase of property and equipment, net of proceeds from the disposal of fixed assets, decreased by approximately \$197,000 for the nine months ended September 30, 2012, as compared to the same period in 2011, and cash used for patents, trademarks and other intangible asset costs in the nine months ended September 30, 2012 decreased by approximately \$51,000 compared to the same period in 2011.

Net cash provided by financing activities increased by approximately \$3,995,000 for the nine months ended September 30, 2012 as compared to the same period in 2011. This increase primarily was the result of the Investment by RVL 1 LLC offset by the exchange and termination of the Company's convertible promissory notes. For the nine months ending September 30, 2011, the Company also received approximately \$320,000 in net proceeds from the exercise of employee stock options and warrants.

As our financial condition deteriorated during the last several months, it became necessary for us to accelerate our cash conservation measures, including delaying or withholding payments to vendors and terminating employees. Some of our suppliers and service providers had stopped doing business with us, some had threatened collection actions and others were expected to do likewise unless funding was obtained. In conjunction with the Investment by RVL 1 LLC, certain of our vendors and service providers agreed to accept payments less than the outstanding balance owed to them. As a result of the Investment and subsequent payments to our suppliers and service providers, we believe we have successfully restored our relationship and credit with our primary vendors.

Our liquidity is affected by many factors. Some of these factors are based on operations of the business and others relate to the uncertainties of national and global economies and the lighting industry. Any disruption of the capital markets or decline in economic conditions could negatively impact our ability to achieve profitability or raise additional capital when needed. Our ability to maintain adequate liquidity and achieve long-term viability is dependent upon successfully managing our costs and expenses and increasing revenue. There can be no assurance that we will be able to maintain adequate liquidity or achieve long-term viability. We face significant challenges in order to achieve profitability and there can be no assurance that we will achieve or sustain positive cash flows from operations or profitability. Our ability to meet our obligations in the ordinary course of business is dependent upon our ability to establish profitable operations or raise additional capital through public or private debt or equity financing, or other sources of financing to fund operations. There can be no assurance such financing will be available on terms acceptable to us, if at all, or that any financing transaction will not be dilutive to our current stockholders. We believe that our existing cash balance, combined with working capital, will be sufficient to enable us to meet our planned operating expenses through the next twelve months.

If we decide to accelerate the growth of our operations in response to new market opportunities or to acquire other technologies or businesses, or if our revenue grows more slowly than we anticipate or we incur unexpected costs, we will need to raise additional capital. Additional capital may come from several sources, including proceeds from the exercise of outstanding options and warrants, the incurrence of indebtedness or the issuance of additional common stock, preferred stock, debt (whether convertible or not) or other securities. Increased indebtedness could negatively affect our liquidity and operating flexibility. The issuance of any additional securities could, among other things, result in substantial dilution of the percentage ownership of our stockholders at the time of issuance, result in substantial dilution of our earnings per share, and adversely affect the prevailing market price for our common stock. In addition, we may not be able to obtain additional financing on terms favorable to us, if at all. If additional funds become necessary and are not available on terms favorable to us, or at all, we may be unable to expand our business or pursue an acquisition and our business, results of operations and financial condition may be materially adversely affected.

# **Contractual Obligations**

On September 12, 2012, we entered into the Investment Agreement described above under the caption "Recent Events." The transactions contemplated by the Investment Agreement closed on September 25, 2012. In addition, concurrent with the closing of the Investment, we consummated the Note Exchange described under the caption "Recent Events." As of September 30, 2012, there have been no other material changes to our contractual obligations disclosed in the Management's Discussion and Analysis section of our Annual Report on Form 10-K for the year ended December 31, 2011.

# **Critical Accounting Policies**

As of September 30, 2012, there have been no material changes to our critical accounting policies disclosed in the Management's Discussion and Analysis section of our Annual Report on Form 10-K for the year ended December 31, 2011.

#### **Critical Accounting Estimates**

Management's discussion and analysis of our financial condition and results of operations are based upon our consolidated financial statements, which have been prepared in accordance with accounting principles generally accepted in the United States. The preparation of these financial statements requires management to make estimates and judgments that affect the reported amounts of assets, liabilities, revenue and expenses, and related disclosure of contingent assets and liabilities. On an on-going basis, we evaluate our estimates, including those related to revenue recognition, income taxes, intangibles, accounts receivable, inventory, stock-based compensation and warranty obligations. Management bases its estimates on historical experience and on various other assumptions that are believed to be reasonable under the circumstances, the results of which form the basis for making judgments about the carrying values of assets and liabilities that are not readily apparent from other sources. Actual results may differ from these estimates under different assumptions or conditions.

The critical accounting estimates are those that we believe are the more significant judgments and estimates used in the preparation of our financial statements. As of September 30, 2012, there have been no material changes to the critical accounting estimates as described in our Management's Discussion and Analysis of Financial Condition and Results of Operations and in the Notes to the financial statements included in our Annual Report on Form 10-K for the year ended December 31, 2011.

See Note 1 to the consolidated financial statements in Part 1 of this Quarterly Report on Form 10-Q for information related to new accounting pronouncements.

# ITEM 3. QUANTITATIVE AND QUALITATIVE DISCLOSURE ABOUT MARKET RISK

We are a smaller reporting company as defined by Rule 12b-2 of the Securities Exchange Act 1934, as amended, and are not required to provide the information under this item.

#### ITEM 4. CONTROLS AND PROCEDURES

We maintain disclosure controls and procedures (as defined in Rules 13a-15(e) and 15d-15(e) under the Securities Exchange Act of 1934, as amended (the "Exchange Act")) that are designed to provide reasonable assurance that information required to be disclosed by us in our reports filed or submitted under the Exchange Act is processed, recorded, summarized and reported within the time periods specified in the SEC's rules and forms, and that such information is accumulated and communicated to our management, including our Chief Executive Officer and Chief Financial Officer, as appropriate, to allow for timely decisions regarding required disclosure. In designing and evaluating the disclosure controls and procedures, management recognizes that any controls and procedures, no matter how well designed and operated, can provide only reasonable assurance of achieving the desired control objectives.

As required by SEC Rule 13a-15(b), our company carried out an evaluation, under the supervision and with the participation of management, including our Chief Executive Officer and Chief Financial Officer, of the effectiveness of its disclosure controls and procedures as of the end of the period covered by this Quarterly Report. Based on this evaluation, management concluded that our disclosure controls and procedures were effective at the reasonable assurance level.

There were no changes in our internal control over financial reporting that occurred during the three month period covered by this report that have materially affected, or are reasonably likely to materially affect, our internal control over financial reporting.

#### **PART II**

#### Item 1. <u>Legal Proceedings</u>

In the ordinary course of business we may become a party to various legal proceedings involving collection actions, contractual matters, infringement actions, product liability claims and other matters.

On March 26, 2012, Koninklijke Philips Electronics N.V. and Philips Solid-State Lighting Solutions, Inc. (collectively, "Philips") filed a lawsuit (civil action no. 12-cv-10549) in the United States District Court for the District of Massachusetts against the Company alleging that the Company's Array and certain other products infringe certain of Philips' patents for LED lighting. In September 2012, the Company entered into a settlement agreement ending the patent litigation brought by Philips. In connection with the settlement and patent license agreement, Philips granted the Company an ongoing, royalty-bearing license to the comprehensive portfolio of patented LED technologies and solutions offered under Philips' LED luminaire and retrofit bulb licensing program. The license allows Nexxus to continue the manufacture and sale of LED-based lighting products, including the Array® brand of LED replacement light bulbs. In September 2012, Nexxus paid Philips a one-time, lump-sum royalty fee to address past sales. In conjunction with the settlement and patent license agreement, on October 3, 2012, the parties filed a joint stipulation requesting dismissal of the lawsuit and on October 4, 2012 the action was dismissed without prejudice.

# Item 6. <u>Exhibits</u>

(a) Exhibits.

Exhibit Number	Document Description
3.1	Certificate of Designations, Preferences and Rights of the Series B Convertible Preferred Stock of Nexxus Lighting, Inc. (incorporated by reference to Exhibit 3.1 to the Registrant's Current Report on Form 8-K, as filed with the Securities and Exchange Commission on September 26, 2012)
10.1*#	Settlement and Patent License Agreement dated as of August 1, 2012 between Koninklijke Philips Electronics N.V. and the Company
10.2	Investment Agreement dated September 12, 2012 (incorporated by reference to Exhibit 10.1 to the Registrant's Current Report on Form 8-K, as filed with the Securities and Exchange Commission on September 17, 2012)
10.3	Exchange Agreement dated September 12, 2012 (incorporated by reference to Exhibit 10.2 to the Registrant's Current Report on Form 8-K, as filed with the Securities and Exchange Commission on September 17, 2012)
10.4	Registration Rights Agreement dated September 25, 2012 (incorporated by reference to Exhibit 10.1 to the Registrant's Current Report on Form 8-K, as filed with the Securities and Exchange Commission on September 26, 2012)
31.1*	Certifications of Chief Executive Officer Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002
31.2*	Certifications of Chief Financial Officer Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002
32.1*	Certifications of Chief Executive Officer and Chief Financial Officer Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002
101**	The following financial statements from Nexxus Lighting, Inc.'s Quarterly Report on Form 10-Q for the quarter ended September 30, 2012, filed on November 14, 2012, formatted in XBRL (eXtensible Business Reporting Language): (i) Consolidated Balance Sheets, (ii) Consolidated Statements of Operations (iii) Consolidated Statements of Stockholders' Equity (iv) Consolidated Statements of Cash Flows, (v) Notes to Consolidated Financial Statements.

<sup>\*</sup> Filed herewith

<sup>\*\*</sup> Submitted electronically with this Report pursuant to Rule 405 of Regulation S-T

<sup>#</sup> Application has been made to the Securities and Exchange Commission for confidential treatment of certain provisions. Omitted provisions for which confidential treatment has been requested have been filed separately with the Securities and Exchange Commission.

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

# NEXXUS LIGHTING, INC.

By: /s/ Michael A. Bauer

Michael A. Bauer, Chief Executive Officer

(Principal Executive Officer)

By: /s/ Gary R. Langford

Gary R. Langford, Chief Financial Officer

(Principal Financial and Accounting Officer)

CONFIDENTIAL TREATMENT HAS BEEN REQUESTED FOR PORTIONS OF THIS EXHIBIT. THE COPY FILED HEREWITH OMITS THE INFORMATION SUBJECT TO THE CONFIDENTIALITY REQUEST. OMISSIONS ARE DESIGNATED AS [XXXX]. A COMPLETE VERSION OF THIS EXHIBIT HAS BEEN FILED SEPARATELY WITH THE SECURITIES AND EXCHANGE COMMISSION.

CONFIDENTIAL

# SETTLEMENT AND PATENT LICENSE AGREEMENT

This settlement and patent license agreement, dated as of the 1st day of August 2012, is entered into between:

KONINKLIJKE PHILIPS ELECTRONICS N.V., having its registered office in Eindhoven, The Netherlands ("Philips")

and

NEXXUS LIGHTING, INC., having its registered office in Charlotte, North Carolina, U.S.A. ("Licensee")

Philips and Licensee hereinafter also referred to individually as "a Party" and collectively as "the Parties".

WHEREAS, Philips is in the business of making and selling LED-based luminaires and retrofit bulbs and has developed and acquired valuable technology and intellectual property rights for the control of such devices;

WHEREAS, Licensee is also in the business of selling LED-based luminaires and retrofit bulbs and wishes to obtain a license under certain Philips' patents for LED-based luminaires and retrofit bulbs, and Philips is willing to grant such license on the terms and conditions set forth below:

NOW, THEREFORE, in consideration of the foregoing premises and the mutual covenants herein contained, the Parties hereby agree as follows:

#### **DEFINITIONS**

When used in this Agreement, the following terms shall have the meanings ascribed thereto below:

"Affiliate(s)" shall mean any one or more legal entities (i) directly or indirectly owned or controlled by Philips or Licensee, (ii) directly or indirectly owning or controlling Licensee, or (iii) directly or indirectly owned or controlled by the legal entity owning or controlling Licensee, but any such legal entity shall only be considered an Affiliate of Licensee for as long as such direct or indirect ownership or control exists. For the purposes of this

definition a legal entity shall be deemed to own and/or to control another legal entity if more than 50% (fifty percent) of the voting stock of the latter legal entity, ordinarily entitled to vote in the meetings of shareholders of that entity, (or, if there is no such stock, more than 50% (fifty percent) of the ownership of or control in the latter legal entity) is held directly or indirectly by the owning and/or controlling legal entity.

"Agreement" shall mean this patent license agreement, including the following Annexes:

- Annex A Patent List;
- Annex B Audit Guidelines;
- Annex C Qualified Supplier List; and
- Annex D List of trademarks of Licensee and its Affiliates.

# "Disqualifying Audit" shall mean the occurrence of any of the following:

- (i) 3 reports of audits in accordance with Clause 4.1 and/or Clause 4.3 revealing that Licensee has underpaid the amount due for any royalty reporting period by more than [XXXX]% ([XXXX] percent) of the total amount due for such period, or
- (ii) 1 report of an audit in accordance with Clause 4.1 and/or Clause 4.3 revealing that Licensee has underpaid the amount due for any period by more than [XXXX]% ([XXXX]percent) of the total amount due for such period.

"Effective Date" shall mean the date first written above.

"Exempt Product" shall mean an LED-based luminaire (i.e., a Product other than a Retrofit Bulb) that meets all of the following conditions:

- all LED light engine modules (i.e., LEDs placed on one or more common circuit boards) comprised in the LED-based luminaire are Qualified Components;
- (ii) all LED drivers comprised in the LED-based luminaire are Qualified Components;
- (iii) all components, if any, for controlling the light output of the LEDs comprised in the LED-based luminaire are Qualified Components;

and the trademark of the respective Qualified Supplier is identifiable on each Qualified Component in the LED-based luminaire.

"Field" shall mean [XXXX].

"Lawsuit" shall mean the cause of action styled as *Koninklijke Philips Electronics N.V. and Philips Solid-State Lighting Solutions, Inc. v. Nexxus Lighting, Inc.*, 12-cv-10549 in the United States District Court for the District of Massachusetts.

"Licensed Product" shall mean a Product: (i) [XXXX], (ii) [XXXX], and (iii) [XXXX].

"Net Revenue" shall mean [XXXX].

"Patents" shall mean the patents and patent applications listed in <u>Annex A</u>, including any future divisionals, re-issues, re-examinations, continuations and continuations-in-part thereof.

- "Product" shall mean an individual and discrete LED-based luminaire, including but not limited to a fixture, and an individual and discrete Retrofit Bulb that has, either on the luminaire or Retrofit Bulb itself or on its packaging, a trade mark (e.g., product name) that is owned or exclusively used by Licensee and/or its Affiliates as set forth in Annex D. [XXXX].
- "Qualified Component" shall mean an LED light engine module (i.e., LEDs placed on one or more common circuit boards), an LED driver or any other component or device for controlling the light output of an LED (individually, a "Component"), that is sourced directly or indirectly from a Qualified Supplier, that has the trademark (e.g., company name or product brand name) of the respective Qualified Supplier identified on such Component.
- "Qualified Supplier" shall mean a company that is listed in Annex C.
- "Reporting Form" shall mean a statement that satisfies the requirements of Clause 3.4.
- "Retrofit Bulb" shall mean a socket-based, LED-based light source, including but not limited to a bulb or a tube, that
- (i) contains all LED driver circuitry required to drive the LEDs,
- (ii) has a form-factor which is substantially similar to a conventional, non-LED light source,
- (iii) is intended to be operated in a previously-installed and operated conventional (e.g. incandescent, fluorescent, halogen) luminaire (fixture), and
- (iv) is meant to replace a non-LED light source which was previously installed in such a conventional luminaire.

Accordingly, and for the avoidance of doubt, an LED-based light source which is to be operated in a newly-installed luminaire shall not be a Retrofit Bulb. Notwithstanding the above, an LED-based light source capable of communicating, either directly or indirectly, with a device outside thereof shall not be treated as a Retrofit Bulb under this Agreement.

"Royalty-Bearing Products" shall mean all individual, discrete Products with the exception of Exempt Products.

"Royalty Rate" shall mean [XXXX]% [XXXX], [XXXX]

# 1 - SETTLEMENT OF PENDING LITIGATION

- 1.1 Within ten (10) days of this Agreement being fully executed, the Parties shall jointly file a Stipulation of Dismissal, pursuant to Fed. R. Civ. P. 41(a)(1)(A)(ii), with the United States District Court for the District of Massachusetts, dismissing their respective claims against each other in connection with the Lawsuit. [XXXX].
- 1.2 [XXXX].

# 2 - GRANT OF RIGHTS

- 2.1 For the term of this Agreement and subject to its provisions, Philips hereby grants to Licensee and its Affiliates a world-wide, non-exclusive, non-transferable, indivisible and royalty-bearing license, without the right to grant sub-licenses, under the issued Patents solely for the account of Licensee and/or its Affiliates to make, have made, offer for sale, use and sell Products intended and/or marketed for use within the Field.
  - For the avoidance of doubt, no license shall be granted under this Agreement for Products manufactured by a third party, which are sold to Licensee and/or any of its Affiliates, but subsequently sold back to that third party or any Affiliates of that third party, and for Products not carrying a trademark (e.g., brand name) of Licensee and/or any of its Affiliates as set forth in Annex D.
- 2.2 Philips shall not assert any of the Patents against any system comprising Licensed Products provided that (i) the system is only marketed and used within the Field, and (ii) the system does not comprise any Product other than a Licensed Product, which Product would require a license under any of the issued Patents.
- 2.3 Subject to the receipt of the one-time, lump sum payment specified in Clause 3.1, Philips hereby releases, acquits and forever discharges Licensee, its Affiliates, as well as its customers and distributors from any claims of infringement of the Patents arising from the manufacture or sale of Products by Licensee and/or its Affiliates prior to the Effective Date, which if taken place after the Effective Date would have been licensed under this Agreement. The release and license set forth above are personal and non-transferable and not intended as, and are not a grant of, any rights under the Patents to any third party not expressly covered by this Agreement. This release does not apply to sales of any products of a company or entity acquired by Licensee and/or its Affiliates after the Effective Date.

# 3 - ROYALTIES, REPORTS AND PAYMENT

- 3.1 Within thirty (30) days of the execution of this Agreement, Licensee shall make a non-refundable, non-recoupable one-time lump-sum payment of \$[XXXX] to Philips.
  - In consideration of the rights and licenses granted hereunder by Philips to Licensee and its Affiliates, Licensee shall pay to Philips a royalty in accordance with the provisions of Clause 3.8.

3.2 All payments by Licensee to Philips hereunder shall be made in US Dollars to Philips' US Dollar bank account with [XXXX] under the following references:

US-Dollar bank account no.: [XXXX]

Name: Koninklijke Philips Electronics N.V. – Licenses

Bank: [XXXX]
Swiftcode: [XXXX]
ABAcode: [XXXX]
Ref: [XXXX]

Any payment or sales value in the Reporting Form under this Agreement in a currency other than US Dollars shall be converted to US Dollar. The rate of exchange for converting such currency shall be the European Central Bank fixing rate of the relevant currency as officially quoted by the European Central Bank for payment of currency transactions on the day that the amount is due and payable.

- 3.3 Within 30 days following 31 March, 30 June, 30 September and 31 December of each calendar year during the term of this Agreement, Licensee shall (even in the event that null Net Revenue has to be reported) submit to Philips, by means Philips may direct, as default a Reporting Form certified by an authorized representative of Licensee.
- 3.4 [XXXX]:
  - (i) [XXXX]; and
  - (ii) [XXXX].

Philips shall maintain all information included in the Reporting Forms and provided under this Clause 3.4 as confidential information in accordance with the provisions of Clause 5.

3.5 The royalty payable to Philips hereunder for a given quarterly period shall be calculated as follows: [XXXX].

The Royalty-Bearing Products, as defined, shall include all Products regardless of where such Products are made or sold and regardless of whether such Products may practice any of the inventions that are claimed in an issued patents contained within the Patents, but shall not include Exempt Products.

[XXXX]

The Royalty Rate shall be [XXXX]% [XXXX], [XXXX].

[XXXX]

- 3.6 [XXXX]
- 3.7 Licensee acknowledges and agrees that the <u>Annex C</u> may be updated by Philips from time to time to reflect changes in the status of the Qualified Suppliers, effective as per Licensee's notification. As far as reasonably required by Philips to verify Qualified Suppliers' supply of Qualified Components to Licensee, Licensee herewith waives any confidentiality obligation it may have imposed on its Qualified Suppliers that could prevent such verification.

- 3.8 Without prejudice to Licensee's obligation to promptly make up for any underpayment, royalties shall be due at the same time Reporting Forms are due as set forth in Clause 3.3 and Licensee shall pay all royalties due as calculated in accordance with Clause 3.5 and reported in the Reporting Form to Philips according to Clauses 3.3 and 3.4. Any payment under this Agreement that is not made on or before the date(s) specified herein, shall accrue interest at the rate of [XXXX]% ([XXXX] percent) per month (or part thereof), or the maximum amount permitted by law, whichever is lower, without any notification being required. In no event shall Licensee have the right to set off any payments due hereunder against any claim, of whatever nature, that it or any of its Affiliates may have against Philips or any of its Affiliates. Any excess payment amount shall be credited to immediate subsequent payment obligations and not be refunded by Philips.
- 3.9 All costs, stamp duties, taxes and other similar levies arising from or in connection with the conclusion of this Agreement shall be borne by Licensee. In the event that the governmental authorities of any country impose any withholding tax on payments made by Licensee to Philips hereunder and requires Licensee to withhold such tax from such payments, Licensee may deduct such tax from such payments. In such event, Licensee shall promptly provide Philips with tax receipts issued by the relevant tax authorities.
- 3.10 Change of Control: In the event of (a) any consolidation or merger of Licensee with or into any other entity in which the holders of Licensee's outstanding shares immediately before such consolidation or merger do not, but immediately after such consolidation or merger, do retain stock, representing a majority of the voting power of the surviving entity or stock representing a majority of the voting power of an entity that wholly owns, directly or indirectly, the surviving entity; (b) the sale, transfer or assignment of securities of Licensee representing a majority of the voting power of all of Licensee's outstanding voting securities to an acquiring party or group; or (c) the sale of all or substantially all of Licensee's assets, Licensee shall notify Philips immediately and Philips shall have the right to request in writing a re-negotiation of the Royalty Rate. If such renegotiation is not successful with 6 months of the request, Philips may terminate the Agreement. In the event that one or more employees of Licensee or its Affiliates acquire more than 50% (fifty percent) of the voting stock of Licensee, ordinarily entitled to vote in the meetings of shareholders of Licensee (i.e. a management buy-out), and provided that Licensee does not become directly or indirectly owned or controlled by another legal entity (other than said employees), Philips shall have no right to request a re-negotiation of the Royalty Rate. [XXXX]

#### 4 - AUDITING

- 4.1 [XXXX]
- 4.2 [XXXX]
- 4.3 [XXXX]

# 5 - CONFIDENTIALITY

- 5.1 For a period of 5 years from the first date of disclosure, Philips shall use any information obtained from Licensee in accordance with this Agreement and designated "confidential" only for the following purposes:
  - (a) to verify the accuracy of information provided in Reporting Forms submitted by Licensee;
  - (b) to ensure compliance with any royalty or other payment obligation;
  - (c) to confirm the license status of any Product;
  - (d) to disclose the information to an auditor for any purpose indicated in this Agreement;
  - (e) to enforce Philips' rights under this Agreement or other related agreements.
- 5.2 Philips shall not disclose any such confidential information to any employee other than those engaged in Philips' licensing programs or to any third party, provided that the foregoing shall not prevent Philips from disclosing such information pursuant to an order of a competent court or administrative authority.
- 5.3 The contents, but not the mere existence of this Agreement are and shall be kept confidential by the Parties and their Affiliates. Philips shall be permitted to list the Licensee on a Philips website identifying the Licensee as having obtained a license under the Philips SSL Luminaire and Retrofit Bulb License Program. [XXXX]
- 5.4 No confidentiality obligation shall apply to the extent information so acquired:
  - (i) was known to the receiving Party or its Affiliates prior to the date on which such information was acquired from the disclosing Party or its Affiliates;
  - (ii) is or has become available to the public through no default of the receiving Party or its Affiliates;
  - (iii) was or is received from a third party who was under no confidentiality obligation in respect of such information;
  - (iv) must be disclosed pursuant to an order of a competent court or administrative authority or pursuant to any mandatory law.

#### 6 - NO WARRANTY AND INDEMNIFICATION

6.1 Licensee acknowledges that third parties may own intellectual property rights relevant to the Products other than the Patents licensed to Licensee hereunder. Philips makes no warranty whatsoever that the manufacture, sale or other disposal of Products or the use of information supplied by Philips hereunder, does not infringe or will not cause infringement of any intellectual property rights other than the Patents.

- 6.2 Licensee acknowledges that Philips may own intellectual property rights other than the Patents licensed to Licensee hereunder that may be relevant to other aspects than the control of the LEDs in the Products (such as, but not limited to the esthetic appearance of the Products). Philips makes no warranty whatsoever that the manufacture, sale or other disposal of Products or the use of information supplied by Philips hereunder, does not infringe or will not cause infringement of any intellectual property rights referred to in the previous sentence.
- 6.3 Licensee shall defend, indemnify and hold Philips and its Affiliates harmless from and against any and all third party claims in connection with Products manufactured, sold or otherwise disposed of by Licensee and/or its Affiliates.

### 7 - TERM AND TERMINATION

- 7.1 This Agreement shall enter into force on the Effective Date and shall remain in force until the expiration of the last to expire patent included in the Patents, unless terminated earlier in accordance with its provisions.
- 7.2 Without prejudice to the provisions of Clauses 7.3, 7.4 and 7.5, each Party may terminate this Agreement at any time by means of a written notice to the other Party in the event that the other Party fails to perform any obligation under this Agreement and such failure is not remedied within 30 days after receipt of a notice specifying the nature of such failure and requiring it to be remedied. Such right of termination shall not be exclusive of any other right or remedy to which the non-breaching Party may be entitled and all such remedies shall be cumulative.
- 7.3 Philips shall be entitled to terminate this Agreement effective immediately upon a Disqualifying Audit.
- 7.4 [XXXX]
- 7.5 Philips may terminate this Agreement forthwith by means of a written notice to Licensee in the event that a creditor or other claimant takes possession of, or a receiver, administrator or similar officer is appointed over any of the assets of Licensee, or in the event that Licensee makes any voluntary arrangement with its creditors or becomes subject to any court or administration order pursuant to any bankruptcy or insolvency law.
- 7.6 Upon the termination of this Agreement by Philips for any reason pursuant to this Clause 7, Licensee and its Affiliates shall immediately cease the manufacture and/or sale of Product infringing any Patent.
- 7.7 All provisions of this Agreement intended to survive (whether express or implied) the expiry or termination of this Agreement shall so survive. Expiration or termination of the Agreement shall not relieve the Parties of their obligations accrued prior to such expiration or termination, and all rights and obligations of this Agreement which by their nature extend beyond its termination remain in effect until fulfilled and shall apply to and be binding upon the Parties' respective successors and permitted assignees.

For the avoidance of doubt and without any limitation, the following provisions of this Agreement shall survive expiration or termination of this Agreement:

- a) The obligation of Licensee to pay all royalties accrued as of the Effective Date up to the date of expiration or termination of this Agreement, including any interest on overdue royalties, if any;
- b) The provisions of Clauses 3 and 4 of this Agreement;
- c) The obligation of the Parties and their Affiliates to maintain information in confidence regarding the terms of this Agreement and the performance of the Parties under this Agreement;
- d) Any cause of action or claim of Philips accrued or to accrue because of any breach or default by Licensee.

### 8 - MISCELLANEOUS

8.1 <u>Notice:</u> Any notice other than the Reporting Forms by either Party under this Agreement shall be given in writing and signed by an authorized representative of the notifying Party by means of a letter, facsimile or electronic mail directed:

If to Philips: Koninklijke Philips Electronics N.V.

c/o Philips Intellectual Property & Standards

Building HTC-44 P.O. Box 220 5600 AE Eindhoven The Netherlands Fax +31 40 274 34 89 Email: [XXXX] Attention: [XXXX]

If to Licensee: Nexxus Lighting, Inc.

124 Floyd Smith Drive, Suite 300 F.a.o. Michael Bauer, CEO Fax (704) 405-0422

E-mail: mbauer@nexxuslighting.com

- 8.2 Nothing in this Agreement shall be construed as:
  - (a) imposing on either Party any obligation to instigate any suit or action for infringement of any of the Patents or to defend any suit or action brought by a third party challenging the validity of any such Patents. Licensee and its Affiliates shall have no right to instigate any such suit or action for infringement of any of the Patents or to defend any such suit or action challenging the validity of any such Patents;
  - (b) imposing any obligation to file any patent application or to secure any patent or to maintain any patent in force;
  - (c) conferring any license or right to copy or imitate the appearance and/or design of any product of Philips or its Affiliates;

- (d) conferring any license or other rights to manufacture, sell or otherwise dispose of any product or device other than a Licensed Product. In particular, this Agreement does not confer any license to modules, components or subassemblies for LED-based luminaires or Retrofit Bulbs;
- (e) a warranty or representation by Philips as to the validity or scope of any Patent;
- (f) a warranty or representation that any Product is, or will be, free from infringement of patents other than the Patents or other intellectual property rights of Philips or third parties,;
- (g) unless otherwise provided in this Agreement, an obligation to provide any manufacturing or technical information, or any information concerning pending patent applications;
- (h) granting by implication, estoppel, or otherwise any licenses or rights under any patent or patent application other than the Patents;
- (i) conferring a right to use in advertising, publicity or otherwise, any trademark or trade name of Philips or its Affiliates, [XXXX].
- 8.3 <u>Free to Prosecute and Abandon:</u> Licensee acknowledges and agrees that Philips is entitled to abandon and apply for amendments to any Patent. Licensee consents to such abandonment or amendment as Philips or its Affiliates may undertake or apply for in the future.
- 8.4 <u>Integration:</u> The Agreement sets forth the entire understanding between the Parties and supersedes and replaces all prior understanding and agreements between the Parties as to the subject matter hereof. No variation of this Agreement shall be binding upon either Party, unless made in writing and signed by an authorized representative of each of the Parties.
- 8.5 Export Laws and Regulations: Licensee hereby acknowledges that the rights and obligations of the Agreement may be subject to the laws and regulations relating to the export of Products. Without limitation, Licensee shall comply with all such laws and regulations. Licensee shall indemnify Philips against any claim or damages resulting from Licensee's conduct in contravention of the aforementioned export control laws and regulations.
- 8.6 No Waiver: Neither the failure nor the delay of either Party to enforce any provision of this Agreement shall constitute a waiver of such provision or of the right of either Party to enforce each and every provision of this Agreement.
- 8.7 <u>Severability:</u> Should any provision of this Agreement be finally determined void or unenforceable in any judicial proceeding, such determination shall not affect the operation of the remaining provisions hereof, provided that, in such event, each Party shall have the right to terminate this Agreement by means of a written notice to the other Party.
- 8.8 <u>Assignment:</u> This Agreement shall inure to the benefit of and be binding upon each of the Parties. Any assignment of this Agreement in whole or in part by Licensee requires the prior written consent of Philips, [XXXX]. Any such assignment shall be done by means of a written instrument, signed by a duly authorized representative of each Party.

8.9 Venue and Choice of Law: This Agreement shall be governed by and construed in accordance with laws of the State of New York. Any dispute between the Parties in connection with this Agreement (including any question regarding its existence, validity or termination) shall be submitted to the Federal District Court for the Southern District of New York provided that, in case the dispute concerns Licensee's obligations concerning royalty reporting or payment obligations or Licensee's obligations of confidentiality, Philips may at its sole discretion submit such dispute to the competent courts in the venue of Licensee's registered office. Licensee hereby irrevocably waives any objection to the jurisdiction, process and venue of any such court and to the effectiveness, execution and enforcement of any order or judgment (including, but not limited to, a default judgment) of any such court in relation to this Agreement, to the maximum extent permitted by the law of any jurisdiction, the laws of which might be claimed to be applicable regarding the effectiveness, enforcement or execution of such order or judgment.

IN WITNESS WHEREOF, the Parties have caused this Agreement to be executed and delivered by their duly authorized representatives, as of the date first written above.

Koninklijke Philips Electronics N.V.

Nexxus Lighting, Inc.

/s/ R.J. Peters

(signature) Name: R.J. Peters

Title: Chief Intellectual Property Officer

/s/ Michael A. Bauer

(signature)

Name: Michael A. Bauer Title: President/CEO

CTY	Fil.Date	Application No.	Pub. Data	Publication No.	Grant Date	Grant No.	Expiry Date
AT	2001-Jan-08	01907413.7			2006-Jun-14	E330448	2021-Jan-08
ΑT	2001-Apr-24	03028671.0			2010-Apr-14	E464771	2021-Apr-24
AT	2001-Apr-24	07075990.7	2008-Feb-13	1887836	2012-Mar-07	E548887	2021-Apr-24
AT	2001-Oct-25	01997118.3	200010010	1007000	2009-Jun-17	E434152	2021-Oct-25
AT	2002-Jun-21	02738518.6			2008-Dec-10	E417490	2022-Jun-21
ΑT	2002-Jul-18	02751538.6			2006-May-17	E326826	2022-Jul-18
AT	2002-Jul-18	02751537.8			2006-May-24	E327654	2022-Jul-18
ΑT	2003-May-09	03736588.9			2008-Dec-03	E416597	2023-May-09
AT	2003-Aug-28	03791823.2			2010-Jan-13	E455451	2023-Aug-28
AT	2005-Jul-14	05763182.2	2007-Apr-11	1772044-A			2025-Jul-14
AT	2006-May-24	06765708.0	•		2009-Mar-18	1889519	2026-May-24
AT	2006-Dec-13	06842469.6	2008-Sep-10	1966624	2011-Jun-29	E514958	2026-Dec-13
AT	2007-Sep-20	07826476.9	•		2011-Mar-02	E500710	2027-Sep-20
AT	2007-Nov-06	07826984.2			2010-Jul-28	E476087	2027-Nov-06
AT	2007-Nov-27	07862228.9			2011-Mar-02	E500469	2027-Nov-27
AT	2008-Apr-04	08737714.9			2010-Oct-06	E483939	2028-Apr-04
AT	2008-Dec-02	08857778.8	2010-Sep-29	2232951-A	2011-Jul-06	2232951	
AU	1998-Aug-26	2006202217			2009-Jan-22	2006202217	
ΑU	1998-Aug-26	2003203584			2006-Jul-13	2003203584	2018-Aug-26
ΑU	1998-Aug-26	92060/98			2003-May-22	757000	2018-Aug-26
ΑU	1998-Dec-17	2004200183			2007-Oct-04	2004200183	2018-Dec-17
ΑU	1998-Dec-17	2007216901			2008-Oct-30	2007216901	2018-Dec-17
ΑU	2005-Mar-14	2005222987			2009-Nov-05	2005222987	2025-Mar-14
ΑU	2005-Dec-02	2005317838					2025-Dec-02
ΑU	2006-May-23	2006249979			2011-Dec-08	2006249979	2026-May-23
BE	1998-Jan-22	98900141.7	1999-Jan-13	0890059-A1	2004-Jun-23	0890059	2018-Jan-22
BE	2001-Apr-24	03028671.0			2010-Apr-14	1422975	2021-Apr-24
BE	2001-Apr-24	07075990.7	2008-Feb-13	1887836	2012-Mar-07	1887836	2021-Apr-24
BE	2001-Aug-14	01203099.5			2009-Oct-14	1182396	2021-Aug-14
BE	2001-Oct-25	01997118.3			2009-Jun-17	1337784	2021-Oct-25
BE	2002-Jun-21	02738518.6			2008-Dec-10	1405551	2022-Jun-21
BE	2003-May-09	03736588.9			2008-Dec-03	1502483	2023-May-09
BE	2003-Aug-28	03791823.2			2010-Jan-13	1535495	2023-Aug-28
BE	2005-Nov-09	05809900.3			2011-Feb-09	1815536	2025-Nov-09
BE	2006-May-24	06765708.0			2009-Mar-18	1889519	2026-May-24
BE	2006-Dec-13	06842469.6	2008-Sep-10	1966624	2011-Jun-29	1966624	2026-Dec-13
BE	2007-Sep-20	07826476.9			2011-Mar-02	2074866	2027-Sep-20
BE	2007-Nov-27	07862228.9			2011-Mar-02	2089656	2027-Nov-27
BE	2008-Mar-31	08737675.2	2010-Jan-13	2143303-A	2012-Aug-08	2143303	2028-Mar-31
BE	2008-Apr-04	08737714.9			2010-Oct-06	2135005	2028-Apr-04
BE	2008-Dec-02	08857778.8	2010-Sep-29	2232951-A	2011-Jul-06	2232951	2028-Dec-02
BR	2006-May-24	PI 0610118-6					2026-May-24
BR	2007-Aug-17	PI 0715880-7					2027-Aug-17
BR	2007-Aug-22	PI 0715802-5					2027-Aug-22
BR	2007-Sep-20	PI 0717018-1					2027-Sep-20
BR	2007-Oct-11	PI 0717788-7					2027-Oct-11
BR	2007-Oct-31	PI 0718151-5					2027-Oct-31
BR	2007-Nov-06	PI 0718524-3					2027-Nov-06
BR	2007-Nov-27	PI 0719124-3					2027-Nov-27
BR	2007-Dec-11	PI 0720017-0					2027-Dec-11
BR	2007-Dec-11	PI 0720213-0					2027-Dec-11
BR	2007-Dec-12	PI 0720064-1					2027-Dec-12
BR	2008-Mar-31	PI 0809846-8					2028-Mar-31
BR	2008-Dec-02	PI 0820090-4					2028-Dec-02
BR	2008-Dec-02	PI 0820957-0			2000 9 15	2240422	2028-Dec-02
CA	1998-Jan-22	2249423			2009-Sep-15	2249423	2018-Jan-22
CA	1998-Jul-27	2267406			2006-Mar-07	2267406	2018-Jul-27
CA	1998-Aug-26	2466717			2010-Jan-26	2466717	2018-Aug-26
CA	1998-Aug-26	2302227			2004-Jul-27	2302227	2018-Aug-26
CA	1998-Dec-17	2314163	2005 Ion 27	2522105	2008-Sep-23	2314163	2018-Dec-17
CA	2004-Jul-20	2533195	2005-Jan-27	2533195			2024-Jul-20
CA CA	2004-Jul-21	2533209	2005-Jan-27	2533209	2012 Ipl 10	2554863	2024-Jul-21
CA	2005-Jan-28	2554863	2005-Aug-11	2554863	2012-Jul-10		2025-Jan-28
CA	2005-Mar-14	2559718			2012-May-22	2559718	2025-Mar-14
CA	2005-Mar-14 2005-Jun-23	2730210 2572335	2006-Jan-12	2572335			2025-Mar-14 2025-Jun-23
CA	2005-Jul-29	2576099	2006-Jan-12 2006-Feb-09	2576099			2025-Jul-29
CA	2005-Jui-29	2370077	2000-1760-09	4370033			2025-Jui-27

CTY	Fil.Date	Application No.	Pub. Data	Publication No.	Grant Date	Grant No.	Expiry Date
CA	2005-Aug-02	2576304	2006-Feb-16	2576304		·	2025-Aug-02
CA	2005-Sep-29	2521973	2006-Mar-29	2521973			2025-Sep-29
CA	2005-Oct-12	2583357	2006-Apr-20	2583357			2025-Oct-12
CA	2005-Oct-12	2583355	2006-Apr-20	2583355			2025-Oct-12
CA	2005-Nov-23	2589207	2006-Jun-01	2589207			2025-Nov-23
CA	2005-Dec-16	2619613					2025-Dec-16
CA	2005-Dec-20	2591205					2025-Dec-20
CA	2006-Jan-05	2606687	2006-Jul-13	2606687			2026-Jan-05
CA	2006-Jan-25	2609877	2006-Aug-03	2609877			2026-Jan-25
CA	2006-Mar-01	2637757					2026-Mar-01
CA	2006-Apr-06	2614575	2006-Oct-12	2614575			2026-Apr-06
CA	2006-May-08	2642028					2026-May-08
CA	2006-May-23	2609531					2026-May-23
CA CA	2006-Dec-20 2007-Jan-03	2632385 2640567					2026-Dec-20
CA	2007-Jan-03 2007-Dec-11	2708978					2027-Jan-03 2027-Dec-11
CA	2007-Dec-11	2,708,980					2027-Dec-11
CA	2007-Dec-11	2708984					2027-Dec-11
CH	2001-Apr-24	03028671.0			2010-Apr-14	1422975	2021-Apr-24
СН	2001-Apr-24	07075990.7	2008-Feb-13	1887836	2012-Mar-07	1887836	2021-Apr-24
СН	2001-Oct-25	01997118.3			2009-Jun-17	1337784	2021-Oct-25
CH	2002-Jun-21	02738518.6			2008-Dec-10	1405551	2022-Jun-21
CH	2003-May-09	03736588.9			2008-Dec-03	1502483	2023-May-09
CH	2003-Aug-28	03791823.2			2010-Jan-13	1535495	2023-Aug-28
CH	2006-May-24	06765708.0			2009-Mar-18	1889519	2026-May-24
CH	2007-Nov-27	07862228.9			2011-Mar-02	2089656	2027-Nov-27
CH	2008-Dec-02	08857778.8	2010-Sep-29	2232951-A	2011-Jul-06	2232951	
CN	1997-Aug-08	97191154.1	1998-Nov-18	1199524-A	2003-Aug-27	97191154.1	2017-Aug-08
CN	1997-Sep-08	97191438.9	1999-Jan-13	1205069-A	2003-Apr-16	97191438.9	2017-Sep-08
CN	1998-Jan-22	98800051.2	1999-May-05	1216094-A	2003-Apr-30	98800051.2	2018-Jan-22
CN	1998-Jul-16	98801403.3	2000-Jan-12	1241349-A	2005-Mar-09	98801403.3	2018-Jul-16
CN CN	1998-Jul-16 1998-Jul-27	98801402.5 98801404.1	2000-Jan-12 2000-Jan-12	1241348-A 1241350-A	2004-Feb-18 2004-Mar-24	98801402.5 98801404.1	2018-Jul-16 2018-Jul-27
CN	1998-Jun-17	99801067.7	2000-Jan-12 2000-Nov-15	1273759-A	2006-Nov-29	99801067.7	2019-Jun-17
CN	1999-Sep-08	99802434.1	2001-Mar-28	1289397-A	2003-Oct-15	99802434.1	2019-Sep-08
CN	1999-Sep-17	99802435.X	2001-Mar-28	1289454-A	2005-Nov-16	99802435.X	2019-Sep-17
CN	1999-Dec-02	99802963.7	2001-Apr-11	1291282-A	2003-Jul-09	99802963.7	2019-Dec-02
CN	2000-Jul-03	00801240.7	2001-Oct-03	1316174-A	2007-May-30	1319415	2020-Jul-03
CN	2000-Jul-28	00802179.1	2001-Dec-19	1327707-A	2006-Jan-18	00802179.1	2020-Jul-28
CN	2000-Sep-15	00802081.7	2001-Nov-14	1322456-A	2006-Feb-08	00802081.7	2020-Sep-15
CN	2000-Oct-10	00802488.X	2002-Feb-13	1336092-A	2004-Dec-01	00802488.X	2020-Oct-10
CN	2000-Oct-12	00804517.8	2002-Mar-27	1342387-A	2005-Feb-09	00804517.8	2020-Oct-12
CN	2000-Oct-12	00804516.X	2002-Mar-27	1342388-A	2006-Mar-29	00804516.X	2020-Oct-12
CN	2000-Nov-17	00803336.6	2002-Jun-26	1355936-A	2005-Nov-16	00803336.6	2020-Nov-17
CN	2001-Jan-08	01800162.9	2002-Aug-07	1363198-A	2005-May-11	01800162.9	2021-Jan-08
CN	2001-Aug-19	01135741.X	2002-Mar-13	1339664-A	2005-Jul-20	01135741.X	2021-Aug-19
CN	2001-Sep-05	01802758.X	2003-Jan-22	1393118-A	2006-Aug-09	01802758.X	2021-Sep-05
CN CN	2001-Nov-09 2001-Dec-03	01806195.8 01807029.9	2003-Aug-13 2003-May-21	1436438-A 1419797-A	2007-May-30 2007-May-30	1319420 01807029.9	2021-Nov-09 2021-Dec-03
CN	2001-Dec-03 2001-Dec-12	01805639.3	2003-May-21 2003-Mar-26	1419797-A 1406450-A	2007-May-30 2008-Jun-04	100393177	2021-Dec-03 2021-Dec-12
CN	2001-Dec-12 2001-Dec-12	01805636.9	2003-Wai-20 2003-Sep-17	1443304-A	2005-Feb-23	01805636.9	2021-Dec-12 2021-Dec-12
CN	2002-Feb-28	02800565.1	2003-Nov-26	1459180-A	2008-Aug-27	100414943	2022-Feb-28
CN	2002-Mar-14	02800705.0	2003-Nov-26	1459216-A	2008-Feb-06	100367827	2022-Mar-14
CN	2002-Mar-19	02800893.6	2003-Dec-03	1460393-A	2009-May-20	02800893.6	2022-Mar-19
CN	2002-Apr-25	02801561.4	2004-Jan-28	1471630-A	2008-Jun-04	100392367	2022-Apr-25
CN	2002-May-24	02801831.1	2003-Dec-24	1463566-A	2008-Apr-09	100381018	2022-May-24
CN	2002-Jun-07	02811453.1	2004-Jul-21	1514919-A	2006-Feb-08	02811453.1	2022-Jun-07
CN	2002-Jun-21	02813396.X	2004-Aug-18	1522555-A	2008-Jun-04	100393181	2022-Jun-21
CN	2002-Jul-23	02802991.7	2005-Jul-06	1636280-A	2008-Apr-23	100383986	2022-Jul-23
CN	2002-Aug-09	02815923.3	2004-Oct-27	1541503-A	2008-Nov-05	02815923.3	2022-Aug-09
CN	2002-Sep-30	02819551.5	2005-Jan-12	1565147-A	2008-Jul-16	100403858-C	2022-Sep-30
CN	2002-Oct-16	02820873.0	2005-Feb-02	1575623-A	2009-May-20	02820873.0	2022-Oct-16
CN	2002-Nov-15	02824219.X	2005-Mar-23	1600047-A	2008-Dec-24	02824219.X	2022-Nov-15
CN CN	2002-Nov-29 2002-Dec-18	02825370.1 02825834.7	2005-Jun-29 2005-Apr-13	1633828-A 1606766-A	2009-Aug-19 2008-Nov-19	02825370.1 02825834.7	2022-Nov-29 2022-Dec-18
CN	2002-Dec-18 2002-Dec-20	02826433.9	2005-Apr-15 2006-Apr-05	1757267-A	2010-Jan-27	02826433.9	2022-Dec-18 2022-Dec-20
CN	2002-Bee-20 2003-Feb-06	03803878.1	2005-Jun-29	1633827-A	2009-Apr-08	03803878.1	2023-Feb-06

CTY	Fil.Date	Application No.	Pub. Data	Publication No.	Grant Date	Grant No.	Expiry Date
CN	2003-Jun-12	200910165991.8			2012-Apr-11	ZL200910165991.8	2023-Jun-12
CN	2003-Jun-12	03814939.7	2005-Aug-31	1663323	2010-Jun-23	03814939.7	2023-Jun-12
CN	2003-Nov-11	200380104180.8	2006-Jan-04	1717958	2008-Dec-03	200380104180.8	2023-Nov-11
CN	2003-Dec-11	200380106660.8	2006-Mar-08	1745603	2009-Nov-04	200380106660.8	2023-Dec-11
CN	2003-Dec-11	200380106654.2	2006-Feb-01	1729722	2010-Jun-09	200380106654.2	2023-Dec-11
CN	2003-Dec-12	200380106591.0	2006-Feb-01	1729721	2009-Apr-22	200380106591.0	2023-Dec-12
CN	2003-Dec-18	200380107539.7	2006-Feb-08	1732717	2009-May-27	200380107539.7	2023-Dec-18
CN	2003-Dec-18	200380107534.4	2006-Feb-08	1732716	2009-May-27	200380107534.4	2023-Dec-18
CN	2004-Apr-21	200480017409.9	2006-Jul-26	1809867			2024-Apr-21
CN	2004-Apr-22	200480012275.1	2006-Jun-07	1784931	2011 9 20	2004000122007	2024-Apr-22
CN	2004-Apr-22	200480012309.7	2006-Jun-07	1784932	2011-Sep-28	200480012309.7	2024-Apr-22
CN	2004-Apr-30	200480012040.2	2006-Jun-07	1784930	2009-Aug-19	200480012040.2	2024-Apr-30
CN	2004-Jul-21	200480027554.5	2006-Nov-01	1857034A	2009-Sep-23	200480027554.5	2024-Jul-21
CN CN	2004-Sep-07	200480025822.X 200480027802.6	2006-Oct-18	1849707	2008-Sep-03	200480025822.X 200480027802.6	2024-Sep-07
CN	2004-Sep-21 2004-Nov-05	200480027802.0		1856815	2009-Apr-29 2010-Jun-23	200480027802.0	2024-Sep-21 2024-Nov-05
CN	2004-Nov-03 2005-Mar-23	200580011303.2	2007-Apr-04	1942701A	2010-Juli-23 2010-May-05	200580011303.2	2025-Mar-23
CN	2005-Apr-27	200580011505.2	2007-Apr-04 2007-Apr-18	1951157-A	2010-May-03 2011-Feb-02	200580014515.6	2025-Apr-27
CN	2005-May-02	200580014313.5	2007-Apr-18	1950791-A	2009-Sep-09	200580014313.0	2025-May-02
CN	2005-Jun-23	200580028760.2	2007-Aug-01	101010649A	2009 Bep 09	2003000112)).3	2025-Jun-23
CN	2005-Jun-28	201110041331.6	2011-May-18	102065618-A			2025-Jun-28
CN	2005-Jul-14	200580024425.5	2007-Jun-27	1989792-A			2025-Jul-14
CN	2005-Sep-19	200580033142.7	2008-Jan-16	101107474-A	2009-Jul-29	200580033142.7	2025-Sep-19
CN	2005-Sep-20	200580033788.5	2007-Sep-12	101036106-A	2010-Jun-02	200580033788.5	2025-Sep-20
CN	2005-Oct-12	200580040566.6	2008-Feb-20	101128979A	2011-Oct-19	200580040566.6	2025-Oct-12
CN	2005-Oct-12	200580040560.9	2008-Feb-13	101124853A	2011-Jul-13	200580040560.9	2025-Oct-12
CN	2005-Oct-26	200580037105.3	2007-Oct-03	101049048-A	2009-Oct-14	200580037105.3	2025-Oct-26
CN	2005-Nov-09	200580039474.6	2007-Oct-31	101065850-A	2009-Jan-07	200580039474.6	2025-Nov-09
CN	2005-Nov-24	200580040875.3	2007-Oct-31	101065997-A			2025-Nov-24
CN	2005-Dec-02	200580043765.2					
CN	2005-Dec-16	200580051854.1	2008-Oct-22	101292574-A			2025-Dec-16
CN	2006-Jan-18	200680002707.X	2008-Jan-16	101107886-A			2026-Jan-18
CN	2006-Apr-19	200680014386.5	2008-Apr-23	101167408-A	2009-Sep-23	200680014386.5	2026-Apr-19
CN	2006-May-10	200680017903.4	2008-May-14	101180563-A	2009-Oct-28	200680017903.4	2026-May-10
CN	2006-May-24	200680017970.6	2008-May-14	101180921A	2009-Oct-14	200680017970.6	2026-May-24
CN	2006-Sep-25	200680035831.6	2009-Oct-07	101554087A			2026-Sep-25
CN CN	2006-Oct-02 2006-Nov-13	200680036937.8 200680042799.4	2008-Oct-01 2008-Nov-19	101278469-A 101310142-A			2026-Oct-02 2026-Nov-13
CN	2006-Nov-20	200680042799.4	2008-Nov-26	101310142-A	2010-May-19	200680043725.2	2026-Nov-20
CN	2006-Dec-06	200680046928.7	2008-Nov-20 2008-Dec-24	101313171 101331802-A	2010-Way-17	200000043723.2	2026-Dec-06
CN	2006-Dec-11	200680046620.2	2008-Dec-24 2008-Dec-17	101326399-A	2011-Apr-20	200680046620.2	2026-Dec-11
CN	2006-Dec-13	200680048780.0	2009-Jan-14	101346639A	2012-Jun-20	200680048780.0	2026-Dec-13
CN	2006-Dec-20	200680048430.4	2009-Mar-04	101379887-A	2012 <b>Vu</b> ii 20	20000001070010	2026-Dec-20
CN	2007-Jan-10	200780002655.0	2009-Feb-18	101371114-A			2027-Jan-10
CN	2007-Jan-26	200780004173.9	2009-Mar-04	10137879-A	2011-Aug-17	200780004173.9	2027-Jan-26
CN	2007-Mar-02	200780008173.6	2009-Mar-25	101395791-A	2012-Jul-04	200780008173.6	2027-Mar-02
CN	2007-Mar-02	200780009262.2	2009-Apr-08	101406104-A	2010-Oct-27	200780009262.2	2027-Mar-02
CN	2007-Apr-20	200780016059.8	2009-May-20	101438625-A	2011-Sep-07	200780016059.8	2027-Apr-20
CN	2007-May-02	200780017134.2	2009-May-27	101444144-A			2027-May-02
CN	2007-Jun-19	200780024585.9	2009-Jul-08	101479995-A	2012-Aug-08	200780024585.9	2027-Jun-19
CN	2007-Jun-20	200780024786.9	2009-Jul-15	101485235-A			2027-Jun-20
CN	2007-Jun-21	200780023606.5	2009-Jul-08	101480104A	2011-Mar-09	200780023606.5	2027-Jun-21
CN	2007-Jul-03	200780025769.7	2009-Jul-22	101491159A	2011-Apr-06	00780025769.7	2027-Jul-03
CN	2007-Jul-05	200780029567.X	2009-Aug-05	101501392-A	2011-Nov-30	200780029567.X	2027-Jul-05
CN	2007-Aug-09	200780049308.3	2010-Feb-17	101653041-A			2027-Aug-09
CN	2007-Aug-17	200780030549.3	2009-Aug-12	101506574-A			2027-Aug-17
CN CN	2007-Aug-22 2007-Sep-03	200780031358.9 200780033950.2	2009-Aug-12	101507363-A 101518153-A			2027-Aug-22 2027-Sep-03
CN	2007-Sep-03 2007-Sep-18	200780033950.2	2009-Aug-26 2009-Nov-11	101518153-A 101578704-A	2012-Jul-18	200780036117.3	2027-Sep-03 2027-Sep-18
CN	2007-Sep-18 2007-Sep-20	200780036117.3	2009-Nov-11 2009-Sep-02	1015/8/04-A 101523982-A	2012-Jul-18 2012-Mar-14	200780036117.3	2027-Sep-18 2027-Sep-20
CN	2007-Sep-20 2007-Sep-20	200780037394.0	2009-Sep-02 2009-Sep-02	101523981-A	2012-Wiai-14	200700037374.0	2027-Sep-20 2027-Sep-20
CN	2007-Sep-20 2007-Sep-20	200780037138.7	2009-Sep-02	101523980A	2011-May-04	200780037111.8	2027-Sep-20
CN	2007-Sep-20	200780035025.3	2009-Sep-30	101548583-A	2011 11111 01	200,0000,111.0	2027-Sep-20
CN	2007-Oct-11	200780038644.8	2009-Sep-16	101529290-A	2012-Jul-18	200780038644.8	2027-Oct-11
CN	2007-Oct-19	200780038990.6	2009-Nov-25	101589650-A			2027-Oct-19
CN	2007-Oct-31	200780040671.9	2009-Sep-16	101536606-A	2012-Aug-08	200780040671.9	2027-Oct-31
CN	2007-Nov-06	200780041864.6	2009-Sep-16	101536607-A			2027-Nov-06

CTY	Fil.Date	Application No.	Pub. Data	Publication No.	Grant Date	Grant No.	Expiry Date
CN	2007-Nov-09	200780041888.1	2009-Dec-30	101617565-A	2011-Nov-02	200780041888.1	2027-Nov-09
CN	2007-Nov-27	200780043734.6	2009-Oct-14	101558588-A			2027-Nov-27
CN	2007-Nov-27	200780043933.7	2010-Jan-13	101627253-A	2011-May-18	200780043933.7	2027-Nov-27
CN	2007-Dec-05	200780046024.9	2009-Oct-21	101563954-A	2011-Aug-17	200780046024.9	2027-Dec-05
CN	2007-Dec-07	200780045408.9	2009-Oct-07	101554094-A			2027-Dec-07
CN	2007-Dec-11	200780045801.8	2009-Oct-14	101558686-A			2027-Dec-11
CN	2007-Dec-11	20078004558.8	2009-Oct-28	101569239-A			2027-Dec-11
CN	2007-Dec-12	200780046075.1	2009-Oct-14	101558688-A			2027-Dec-12
CN	2008-Mar-31	200880011084.1	2010-Mar-03	101663919-A			2028-Mar-31
CN	2008-Apr-04	200880011268.8	2010-Feb-24	101657678-A	2011 0 : 05	200000012740.6	2028-Apr-04
CN	2008-Apr-15	200880012748.6	2010-Mar-17	101675709-A	2011-Oct-05	200880012748.6	2028-Apr-15
CN	2008-Apr-21	200880013685.6	2010-Mar-10	101669404-A	2012-Mar-28	ZL200880013685.6	2028-Apr-21
CN CN	2008-Apr-23	200880013851.2 200880014646.8	2010-Mar-10 2010-Mar-17	101669405-A 101675712-A	2012-Jun-13	200880013851.2	2028-Apr-23
CN	2008-Apr-28 2008-May-02	200880014040.8	2010-Mar-31	101673712-A 101688652-A	2012-May-30	200880021634.8	2028-Apr-28 2028-May-02
CN	2008-May-09	200880021034.8	2010-Mar-24	101681231-A	2012-Way-30	200660021034.6	2028-May-09
CN	2008-May-30	200880019098.8	2010-Mar-24	101681598-A			2028-May-30
CN	2008-Jun-09	200880020234.5	2010-Mar-31	101688646-A			2028-Jun-09
CN	2008-Jun-23	200880022375.0	2010-Mar-31	101690396-A			2028-Jun-23
CN	2008-Jun-30	200880023350.2	2010-Apr-08	101690397-A	2012-Jul-18	200880023350.2	2028-Jun-30
CN	2008-Jul-21	200880100067.5	2010-Jun-23	101755483-A	2012-May-30	200880100067.5	2028-Jul-21
CN	2008-Aug-14	200880103749.1	2010-Aug-11	101785362-A	•		2028-Aug-14
CN	2008-Nov-24	200880118159.6	2010-Nov-03	101878673-A			2028-Nov-24
CN	2008-Dec-02	200880119151.1	2010-Nov-17	101889476-A	2012-Jul-18	200880119151.1	2028-Dec-02
CN	2008-Dec-02	200880119309.5	2010-Nov-24	101889477-A			2028-Dec-02
CN	2008-Dec-16	200880121633.0	2010-Dec-01	101903825A			2028-Dec-16
CN	2008-Dec-22	200880122363.5	2010-Dec-08	101910721A			2028-Dec-22
CN	2008-Dec-29	200880127692.9	2011-Jan-26	101960921		4 70 7 40 7	2028-Dec-29
CZ	2003-May-09	03736588.9			2008-Dec-03	1502483	2023-May-09
CZ	2003-Aug-28	03791823.2			2010-Jan-13	1535495	2023-Aug-28
CZ CZ	2006-May-24 2007-Nov-27	06765708.0			2009-Mar-18	1889519	2026-May-24
CZ	2007-Nov-27 2008-Dec-02	07862228.9 08857778.8	2010-Sep-29	2232951-A	2011-Mar-02 2011-Jul-06	2089656 2232951	2027-Nov-27 2028-Dec-02
DE	1997-Aug-08	97932965.3	2010-3cp-27	2232731-A	2005-Nov-09	69734569.6	2017-Aug-08
DE	1997-Sep-08	97936833.9	1998-Sep-16	0864064-A1	2002-Dec-04	69717598.7	2017-Aug-08 2017-Sep-08
DE	1998-Jan-22	98900141.7	1999-Jan-13	0890059-A1	2004-Jun-23	69824669.1	2018-Jan-22
DE	1998-Jul-16	98929597.7	1999-Jul-21	0929993-A1	2004-Oct-06	69826825.3	2018-Jul-16
DE	1998-Jul-16	98929590.2	1999-Jul-21	0929992-A1	2003-Aug-06	69816958.1	2018-Jul-16
DE	1998-Jul-27	98932457.9	1999-Jul-21	0929994-A1	2003-Jul-02	69816023.1	2018-Jul-27
DE	1998-Aug-26	98944539.0			2002-Aug-07	69807092.5	2018-Aug-26
DE	1999-Jun-17	99922465.2	2000-Sep-13	1034690-A1	2003-Oct-29	69912391.7	2019-Jun-17
DE	1999-Sep-03	99943116.6			2003-Nov-05	69912623.1	2019-Sep-03
DE	1999-Sep-17	99948820.8			2008-Jan-16	69937993.8	2019-Sep-17
DE	1999-Nov-24	99957760.4			2010-Oct-06	69942838.6	2019-Nov-24
DE	1999-Dec-02	99962235.0	2000-Dec-06	1056993-A1	2003-Mar-26	69906260.8	2019-Dec-02
DE	2000-Jul-14	00950360.8	2002-Jul-24	1224845	2005-Nov-02	60023730.3	2020-Jul-14
DE	2000-Jul-14	05077467.8			2009-May-06	60042177.5	2020-Jul-14
DE DE	2000-Jul-14 2000-Jul-28	09160257.3	2001 Jul 25	1119252 41	2011-Mar-02	60045697.8	2020-Jul-14 2020-Jul-28
DE	2000-Jul-28 2000-Sep-15	00948011.2 00964189.5	2001-Jul-25 2001-Oct-04	1118252-A1 1138177-A1	2003-Oct-01 2004-Dec-01	60005637.6 60016377.6	2020-Jul-28 2020-Sep-15
DE	2000-Sep-13 2000-Oct-10	00904189.3	2001-Oct-04 2001-Oct-10	1138177-A1 1142452-A1	2004-Dec-01 2004-Mar-10	60010377.0	2020-Sep-13 2020-Oct-10
DE	2000-Oct-10 2000-Oct-12	00972733.0	2001-Oct-10 2001-Oct-17	1145602-A	2004-Mar-10	60008855.3	2020-Oct-10 2020-Oct-12
DE	2000-Oct-12	00972760.3	2001-Oct-31	1149510-A1	2003-Feb-12	60001386.3	2020-Oct-12
DE	2000-Nov-20	00980578.9	2002-Aug-28	1234140	2005-Aug-10	60021911.9	2020-Nov-20
DE	2001-Jan-08	01907413.7	<i>3</i> -		2006-Jun-14	60120563.4	2021-Jan-08
DE	2001-Apr-24	03028671.0			2010-Apr-14	60141857.3	2021-Apr-24
DE	2001-Apr-24	07075990.7	2008-Feb-13	1887836	2012-Mar-07	60146245.9	2021-Apr-24
DE	2001-Jun-21	01948546.5	2003-Mar-26	1295515	2011-Dec-28	1295515	2021-Jun-21
DE	2001-Aug-14	01203099.5			2009-Oct-14	60140161.1	2021-Aug-14
DE	2001-Sep-05	01965257.7			2005-Dec-14	60115927.6	2021-Sep-05
DE	2001-Oct-25	01997118.3			2009-Jun-17	60139022.9	2021-Oct-25
DE	2001-Nov-09	01990408.5			2006-Apr-12	60118777.6	2021-Nov-09
DE	2001-Dec-03	01989575.4			2005-Aug-10	60112612.2	2021-Dec-03
DE	2001-Dec-12	01272187.4			2005-Jun-08	60111421.3	2021-Dec-12
DE DE	2001-Dec-12	01272182.5			2006-Aug-02	60122005.6	2021-Dec-12
DE	2002-Feb-28	02701491.9			2005-Nov-09	60207218.2	2022-Feb-28 2022-Mar-14
DE	2002-Mar-14	02703803.3			2007-Aug-08	60221654.0	2022-Mar-14

CTY	Fil.Date	Application No.	Pub. Data	Publication No.	Grant Date	Grant No.	Expiry Date
DE	2002-Mar-26	10213394.8	2002-Oct-31	10213394-A1			2022-Mar-26
DE	2002-Apr-25	02722631.5			2008-Dec-17	60230406.7	2022-Apr-25
DE	2002-May-10	02734387.0	2004-Feb-11	1388276	2011-Aug-10	60240739.7	2022-May-10
DE	2002-May-30	02739485.7			2010-May-05	60236280.6	2022-May-30
DE	2002-Jun-07	02735758.1			2006-Aug-09	60213804.3	2022-Jun-07
DE	2002-Jun-21	02738518.6			2008-Dec-10	60230275.7	2022-Jun-21
DE	2002-Jul-18	02751538.6			2006-May-17	60211526.4	2022-Jul-18
DE	2002-Jul-18	02751537.8			2006-May-24	60211710.0	2022-Jul-18
DE	2002-Aug-09	02755483.1	2004-May-26	1421830-A	2011-Oct-12	60241309.5	2022-Aug-09
DE	2002-Sep-17	02773430.0	2004-Jun-16	1428415	2012-Jul-18	60243345.2	2022-Sep-17
DE	2002-Sep-30	02800685.6			2006-May-10	60211366.0	2022-Sep-30
DE	2002-Oct-16	02775101.5			2007-Apr-11	60219504.7	2022-Oct-16
DE	2002-Nov-15	02781532.3			2008-Feb-27	60225333.0	2022-Nov-15
DE	2002-Nov-29	02785772.1			2009-Sep-16	60233752.6	2022-Nov-29
DE	2002-Dec-18	02790614.8	2004-Sep-22	1459280-A	2012-Feb-15	1459280	2022-Dec-18
DE	2002-Dec-20	02790641.1	2007-Aug-23	60215701-T2	2006-Oct-25	60215701.3	2022-Dec-20
DE	2003-Feb-06	03700452.0			2006-Jul-05	60306624.0	2023-Feb-06
DE	2003-May-09	03736588.9			2008-Dec-03	60325042.4	2023-May-09
DE	2003-Jun-12	03735929.6			2009-May-06	60327526.5	2023-Jun-12
DE	2003-Aug-28	03791823.2			2010-Jan-13	60330967.4	2023-Aug-28
DE	2003-Sep-19	03103461.4	2004-Apr-21	1411751-A2	2012-May-30	60341070.7	2023-Sep-19
DE	2003-Nov-11	03758604.7	2004 1 17	10256600 + 1	2010-Mar-03	60331582.8	2023-Nov-11
DE	2003-Dec-01	10356608.2	2004-Jun-17	10356608-A1	2000 D 02	(0225002.0	2023-Dec-01
DE	2003-Dec-11	03777081.5			2008-Dec-03	60325093.9	2023-Dec-11
DE	2003-Dec-18	03777121.9			2008-Apr-09	60320307.8	2023-Dec-18
DE	2003-Dec-18	03813963.0			2009-Feb-25	60326392.5	2023-Dec-18
DE	2004-Apr-22	04728861.8			2007-Mar-07	602004005180.2	2024-Apr-22
DE	2004-Apr-30	04730612.1			2008-Apr-16	602004013138.5	2024-Apr-30
DE DE	2004-Nov-22	04811765.9			2010-Apr-28 2009-Nov-18	602004026908.5	2024-Nov-22
DE	2005-Apr-27 2005-Jun-23	05731773.7	2007 Am 25	1776628	2011-Nov-30	602005017769.8	2025-Apr-27 2025-Jun-23
DE	2005-Jul-14	05759404.6 05763182.2	2007-Apr-25 2007-Apr-11	1770028 1772044-A	2011-NOV-30	602005031481.4	2025-Jul-25 2025-Jul-14
DE	2005-Jul-14 2005-Aug-02	05703182.2	2007-Apr-11 2007-May-09	1782660	2011-Oct-12	602005030601.3	2023-Jui-14
DE	2005-Aug-02 2005-Oct-12	05791339.4	2007-May-09 2007-Jun-27	1800401	2011-Oct-12 2012-Apr-04	60 2005 033 518.8	2025-Oct-12
DE	2005-Nov-09	05809900.3	2007-Juli-27	1000401	2012-Apr-04 2011-Feb-09	602005026312.8	2025-Nov-09
DE	2005-Nov-24	05826628.9			2011-Jan-26	602005026161.3	2025-Nov-24
DE	2005-Dec-16	05820993.3	2007-Feb-22	1922905-A1	2012-Jul-04	602005035047.0	2025-Dec-16
DE	2006-Apr-19	06727966.1	2006-Nov-02	1878319 -A	2011-Nov-02	1878319	2026-Apr-19
DE	2006-May-10	06744904.1	2000110102	10,0019 11	2009-Jul-22	602006007991.5	2026-May-10
DE	2006-May-24	06765708.0			2009-Mar-18	602006005813.6	2026-May-24
DE	2006-Oct-02	06809462.2	2008-Jun-25	1935085-A	2012-Mar-28	602006028511.6	2026-Oct-02
DE	2006-Nov-20	06821499.8			2012-Jan-11	602006027079.8	2026-Nov-20
DE	2006-Dec-06	06832117.3	2008-Sep-03	1964451-A	2011-Jul-06	602006022985.2	2026-Dec-06
DE	2006-Dec-11	06832203.1	•		2010-Sep-29	602006017258.3	2026-Dec-11
DE	2006-Dec-13	06842469.6	2008-Sep-10	1966624	2011-Jun-29	602006022851.1	2026-Dec-13
DE	2007-Mar-02	07735026.2	2008-Nov-26	1994635-A	2012-Jun-27	602007023611.8	2027-Mar-02
DE	2007-Apr-20	07735597.2	2009-Jan-21	2016804-A	2011-Jun-29	602007015521.5	2027-Apr-20
DE	2007-Jun-21	07825830.8			2011-Apr-06	602007013754.3	2027-Jun-21
DE	2007-Jul-03	07825879.5	2009-Apr-01	2042003-A			2027-Jul-03
DE	2007-Jul-05	07825886.0			2010-Mar-31	602007005658.6	2027-Jul-05
DE	2007-Sep-18	07826420.7			2010-Mar-24	602007005501.6	2027-Sep-18
DE	2007-Sep-20	07826476.9			2011-Mar-02	602007012918.4	2027-Sep-20
DE	2007-Sep-20	07826474.4			2010-Apr-21	602007006043.5	2027-Sep-20
DE	2007-Nov-06	07826984.2			2010-Jul-28	602007008130.0	2027-Nov-06
DE	2007-Nov-09	07840007.4			2010-Jul-14	602007007804.0	2027-Nov-09
DE	2007-Nov-27	07862228.9			2011-Mar-02	602007012927.3	2027-Nov-27
DE	2007-Dec-04	07849329.3	2000 5	0100100	2011-Apr-06	602007013807.8	2027-Dec-04
DE	2007-Dec-05	07849344.2	2009-Sep-23	2103188-A	2012-Aug-01	60 2007 024 437.4	2027-Dec-05
DE	2007-Dec-07	07849372.3	2009-Sep-23	2103190-A	2012 4 22	(020000150125	2027-Dec-07
DE	2008-Mar-31	08737675.2	2010-Jan-13	2143303-A	2012-Aug-08	602008017813.7	2028-Mar-31
DE	2008-Apr-04	08737714.9			2010-Oct-06	602008002911.5	2028-Apr-04
DE	2008-Apr-21	08737928.5	2010 F.1. 24	2156270	2010-Sep-15	602008002579.9	2028-Apr-21
DE	2008-May-09	08763076.0	2010-Feb-24	2156279-A	2011-Dec-21	602008012194.1	2028-May-09
DE	2008-Jun-23	08763422.6	2010-Mar-17	2163132-A	2011 4 27	60000006564.0	2028-Jun-23
DE DE	2008-Aug-14 2008-Dec-02	08789608.0	2010 San 20	2222051 A	2011-Apr-27 2011-Jul-06	602008006564.2	2028-Aug-14
DE		08857778.8	2010-Sep-29	2232951-A		602008008161.3	2028-Dec-02
DE	2008-Dec-29	08870459.8	2010-Sep-22	2229803-A	2011-Oct-26	602008010974.7	2028-Dec-29

CTY	Fil.Date	Application No.	Pub. Data	Publication No.	Grant Date	Grant No.	Expiry Date
DK	1999-Sep-03	99943116.6		1 400104111111	2003-Nov-05	1110198	2019-Sep-03
DK	2001-Apr-24	03028671.0			2010-Apr-14	1422975	2019-3ep-03 2021-Apr-24
DK	2001-Apr-24 2001-Apr-24	07075990.7	2008-Feb-13	1887836	2012-Mar-07	1887836	2021-Apr-24
DK	2001-Apr-24 2001-Oct-25	01997118.3	2000-1-00-13	1007030	2009-Jun-17	1337784	2021-Apr-24 2021-Oct-25
DK	2002-Jun-21	02738518.6			2008-Dec-10	1405551	2022-Jun-21
DK	2002-Jun-21 2003-May-09	03736588.9			2008-Dec-03	1502483	2023-May-09
DK	2003-Aug-28	03790308.5			2010-Jan-13	1535495	2023-Aug-28
DK	2006-May-24	06765708.0			2009-Mar-18	1889519	2026-May-24
DK	2007-Apr-20	07735597.2	2009-Jan-21	2016804-A	2011-Jun-29	2016804	2027-Apr-20
DK	2007-Sep-20	07826476.9	2007 3411 21	201000171	2011-Mar-02	2074866	2027-Sep-20
DK	2007-Nov-27	07862228.9			2011-Mar-02	2089656	2027-Nov-27
DK	2008-Dec-02	08857778.8	2010-Sep-29	2232951-A	2011-Jul-06	2232951	2028-Dec-02
EP	1998-Jul-28	98937339.4	2000-May-17	EP1000295	2011 341 00	2232731	2018-Jul-28
EP	1998-Aug-26	01130297.3	2002-Apr-10	1195740			2018-Aug-26
EP	1998-Aug-26	98944539.0	1999-Mar-04	1016062	2002-Aug-07	1016062	2018-Aug-26
EP	1998-Dec-17	98964035.4	1999-Jun-24	1040398	2002 1148 07	1010002	2018-Dec-17
EP	1999-Sep-03	03011110.8	2004-Feb-25	1391650			2019-Sep-03
EP	1999-Sep-08	99969780.8	2000-Nov-02	1047904-A1			2019-Sep-08
EP	2000-Nov-17	00979608.7	2001-Nov-21	1155455-A1			2020-Nov-17
EP	2000-Nov-20	05076817.5	2005-Dec-28	1610593			2020-Nov-20
EP	2001-Apr-24	07075990.7	2008-Feb-13	1887836	2012-Mar-07	1887836	2021-Apr-24
EP	2001-Jun-21	01948546.5	2003-Mar-26	1295515	2011-Dec-28	1295515	2021-Jun-21
EP	2001-Jun-21	10182095.9	2011-Sep-07	2364067-A			2021-Jun-21
EP	2002-Jul-23	02755430.2	2004-May-06	1415345-A			2022-Jul-23
EP	2002-Jul-29	02751564.2	2004-Jun-23	1430281-A			2022-Jul-29
EP	2002-Sep-17	02773430.0	2004-Jun-16	1428415	2012-Jul-18	1428415	2022-Sep-17
EP	2002-Nov-15	02781532.3	2004-Sep-22	1459599-A	2008-Feb-27	1459599	2022-Nov-15
EP	2002-Dec-09	02788334.7	2004-Sep-29	1461981-A			2022-Dec-09
EP	2002-Dec-12	02796002.0	*				2022-Dec-12
EP	2002-Dec-18	02790614.8	2004-Sep-22	1459280-A	2012-Feb-15	1459280	2022-Dec-18
EP	2002-Dec-19	02796002.0	2004-Sep-22	1459600			2022-Dec-19
EP	2003-May-09	03736588.9	2003-Nov-20	1502483-A	2008-Dec-03	1502483	2023-May-09
EP	2003-Sep-19	03103461.4	2004-Apr-21	1411751-A2	2012-May-30	1411751	2023-Sep-19
EP	2003-Dec-11	03813686.7	2005-Sep-28	1579735-A			2023-Dec-11
EP	2003-Dec-12	03777092.2	2005-Sep-28	1579732-A			2023-Dec-12
EP	2004-Apr-21	04760087.9	2006-Feb-01	1620843			2024-Apr-21
EP	2004-May-04	04751358.5	2006-Feb-01	1620676			2024-May-04
EP	2004-Jul-20	04737972.2	2006-Apr-26	1649210			2024-Jul-20
EP	2004-Jul-21	04737997.9	2006-Apr-26	1649730			2024-Jul-21
EP	2004-Sep-07	04769950.9	2006-Jun-07	1665380-A			2024-Sep-07
EP	2004-Sep-07	11171721.1	2011-Oct-05	2372765			2024-Sep-07
EP	2004-Sep-21	04770043.0	2006-Jun-14	1668622-A			2024-Sep-21
EP	2004-Nov-05	04799073.4	2006-Aug-02	1685745-A			2024-Nov-05
EP	2004-Dec-07	04106358.7	2005-Jun-15	1542346-A2			2024-Dec-07
EP	2005-Mar-02	05724343.8	2006-Dec-13	1729615			2025-Mar-02
EP	2005-Mar-14	05725602.6	2006-Dec-13	1731004			2025-Mar-14
EP	2005-Mar-15	05731338.9	2007-Feb-21	1754121			2025-Mar-15
EP	2005-Mar-23	05709077.1	2007-Jan-10	1740879-A			2025-Mar-23
EP	2005-May-02	05733786.7	2007-Jan-24	1745681-A			2025-May-02
EP	2005-Jun-23	05759404.6	2007-Apr-25	1776628	2011-Nov-30	1776628	2025-Jun-23
EP	2005-Jun-28	05752840.8	2007-Mar-28	1767065-A			2025-Jun-28
EP	2005-Jul-14	05763182.2	2007-Apr-11	1772044-A			2025-Jul-14
EP	2005-Jul-29	05770329.0	2007-May-02	1779708			2025-Jul-29
EP	2005-Sep-19	05783602.5	2007-Jul-11	1805452			2025-Sep-19
EP	2005-Sep-20	05783948.2	2007-Jun-27	1800204-A			2025-Sep-20
EP	2005-Oct-12	05791339.4	2007-Jun-27	1800401	2012-Apr-04	1800401	2025-Oct-12
EP	2005-Oct-12	05791268.5	2007-Jul-04	1803331			2025-Oct-12
EP	2005-Oct-26	05805151.7	2007-Jul-18	1808051-A			2025-Oct-26
EP	2005-Nov-23	05810845.7	2007-Aug-29	1825717			2025-Nov-23
EP	2005-Dec-02	05815525.0					2025-Dec-02
EP	2005-Dec-16	05820993.3	2007-Feb-22	1922905-A1	2012-Jul-04	1922905	2025-Dec-16
EP	2005-Dec-20	05854746.4	2007-Oct-31	1849152			2025-Dec-20
EP	2006-Jan-05	06701369.8	2007-Oct-24	1846949			2026-Jan-05
EP	2006-Jan-18	06710691.4	2007-Oct-10	1842401-A			2026-Jan-18
EP	2006-Mar-01	06705226.6	2008-Jan-23	1880585			2026-Mar-01
EP	2006-Apr-06	06721762.0	2008-Jan-02	1872625	2011.37	1070210	2026-Apr-06
EP	2006-Apr-19	06727966.1	2006-Nov-02	1878319 -A	2011-Nov-02	1878319	2026-Apr-19

CTY	Fil.Date	Application No.	Pub. Data	Publication No.	Grant Date	Grant No.	Expiry Date
EP	2006-May-08	06770064.1	2008-Oct-29	1984667-A			2026-May-08
EP	2006-May-23	06771039.2	2008-Mar-05	1893912			2026-May-23
EP	2006-May-23	06770907.1	2008-Feb-27	1891371			2026-May-23
EP	2006-Jun-06	06799936.7	2008-Mar-05	1894075			2026-Jun-06
EP	2006-Sep-25	06821145.7	2008-Jun-18	1932394-A			2026-Sep-25
EP	2006-Oct-02	06809462.2	2008-Jun-25	1935085-A	2012-Mar-28	1935085	2026-Oct-02
EP	2006-Nov-13	06821415.4	2008-Aug-06	1952055			2026-Nov-13
EP	2006-Nov-20	06821499.8			2012-Jan-11	1954975	2026-Nov-20
EP	2006-Dec-13	11155525.6	2011-May-25	2325670-A			2026-Dec-13
EP	2006-Dec-20	06840495.3	2008-Sep-10	1967049-A			2026-Dec-20
EP	2007-Jan-03	07716200.6	2008-Sep-24	1972183			2027-Jan-03
EP	2007-Jan-10	07700561.9	2008-Oct-15	1979726			2027-Jan-10
EP	2007-Mar-02	07735026.2	2008-Nov-26	1994635-A	2012-Jun-27	1994635	2027-Mar-02
EP	2007-Mar-02	07713186.0	2008-Dec-03	1997352-A			2027-Mar-02
EP	2007-May-02	07735739.0	2009-Jan-28	2018795-A			2027-May-02
EP	2007-Jun-19	07789721.3	2009-Mar-25	2039069-A			2027-Jun-19
EP	2007-Jun-20	07789748.6	2009-Mar-25	2039227			2027-Jun-20
EP	2007-Jul-03	07825879.5	2009-Apr-01	2042003-A			2027-Jul-03
EP	2007-Aug-09	07836669.7	2009-Nov-18	2119318-A			2027-Aug-09
EP	2007-Aug-17	07800472.8	2009-May-06	2054662A			2027-Aug-17
EP	2007-Aug-22	07800465.2	2009-May-13	2057867A			2027-Aug-22
EP	2007-Sep-03	07826244.1	2009-Jun-10	2067383-A			2027-Sep-03
EP	2007-Sep-20	07826475.1	2009-Jul-15	2078446-A			2027-Sep-20
EP	2007-Sep-20	07815866.4	2009-Jun-10	2067381-A			2027-Sep-20
EP	2007-Oct-11	07826710.1	2009-Jul-01	2074451-A			2027-Oct-11
EP	2007-Oct-19	07861452.6	2009-Aug-12	2087776A			2027-Oct-19
EP	2007-Oct-31	07816094.2	2009-Aug-12	2087772-A			2027-Oct-31
EP	2007-Nov-27	07849266.7	2009-Aug-26	2092669-A			2027-Nov-27
EP	2007-Nov-27	07862228.9	2009-Aug-19	2089656-A	2011-Mar-02	2089656	2027-Nov-27
EP	2007-Dec-05	07849344.2	2009-Sep-23	2103188-A	2012-Aug-01	2103188	2027-Dec-05
EP	2007-Dec-07	07849372.3	2009-Sep-23	2103190-A			2027-Dec-07
EP	2007-Dec-07	10194284.5	2011-Mar-30	2302983A			2027-Dec-07
EP	2007-Dec-11	07855500.0	2009-Aug-26	2092796-A			2027-Dec-11
EP	2007-Dec-11	07855501.8	2009-Aug-26	2092797A			2027-Dec-11
EP	2007-Dec-12	07855511.7	2009-Aug-26	2092798-A			2027-Dec-12
EP	2008-Mar-31	08737675.2	2010-Jan-13	2143303-A	2012-Aug-08	2143303	2028-Mar-31
EP	2008-Apr-15	08737850.1	2010-Jan-06	2140733-A			2028-Apr-15
EP	2008-Apr-23	08737957.4	2010-Jan-20	2145508A			2028-Apr-23
EP	2008-Apr-28	08738006.9	2010-Jan-27	2147576-A			2028-Apr-28
EP	2008-Apr-30	08747200.7	2010-Mar-17	2163134-A			2028-Apr-30
EP	2008-Apr-30	12154690.7	2012-May-30	2458940-A1			2028-Apr-30
EP	2008-May-02	08747429.2	2010-Jan-27	2147244-A			2028-May-02
EP	2008-May-09	08763076.0	2010-Feb-24	2156279-A	2011-Dec-21	2156279	2028-May-09
EP	2008-May-30	08763152.9	2010-Mar-10	2160731-A			2028-May-30
EP	2008-Jun-09	08763251.9	2010-Mar-31	2167866-A			2028-Jun-09
EP	2008-Jun-23	08763422.6	2010-Mar-17	2163132-A			2028-Jun-23
EP	2008-Jun-30	08789176.8	2010-Mar-24	2165576-A			2028-Jun-30
EP	2008-Jul-21	08789379.8					2028-Jul-21
EP	2008-Nov-24	08855505.7	2010-Aug-18	2218308-A			2028-Nov-24
EP	2008-Dec-02	11159944.5	2011-Aug-03	2352362-A2			2028-Dec-02
EP	2008-Dec-02	08858115.2	2010-Aug-25	2220914-A			2028-Dec-02
EP	2008-Dec-16	08862035.6	2010-Oct-06	2235589-A			2028-Dec-16
EP	2008-Dec-22	08863774.9	2010-Oct-06	2235435-A			2028-Dec-22
EP	2008-Dec-29	08870459.8	2010-Sep-22	2229803-A	2011-Oct-26	2229803	2028-Dec-29
ES	1998-Jan-22	98900141.7	1999-Jan-13	0890059-A1	2004-Jun-23	0890059	2018-Jan-22
ES	1998-Aug-26	98944539.0			2002-Aug-07	1016062	2018-Aug-26
ES	1999-Sep-17	99948820.8			2008-Jan-16	1046196	2019-Sep-17
ES	2000-Jul-14	00950360.8	2002-Jul-24	1224845	2005-Nov-02	1224845	2020-Jul-14
ES	2000-Jul-14	05077467.8			2009-May-06	1624728	2020-Jul-14
ES	2000-Jul-14	09160257.3			2011-Mar-02	2139299	2020-Jul-14
ES	2000-Nov-20	00980578.9	2002-Aug-28	1234140	2005-Aug-10	1234140	2020-Nov-20
ES	2001-Apr-24	03028671.0	<u> </u>		2010-Apr-14	1422975	2021-Apr-24
ES	2001-Apr-24	07075990.7	2008-Feb-13	1887836	2012-Mar-07	1887836	2021-Apr-24
ES	2001-Jun-21	01948546.5	2003-Mar-26	1295515	2011-Dec-28	1295515	2021-Jun-21
ES	2001-Aug-14	01203099.5			2009-Oct-14	1182396	2021-Aug-14
ES	2001-Oct-25	01997118.3			2009-Jun-17	1337784	2021-Oct-25
ES	2002-May-10	02734387.0	2004-Feb-11	1388276	2011-Aug-10	1388276	2022-May-10
	-				-		-

CTY	Fil.Date	Application No.	Pub. Data	Publication No.	Grant Date	Grant No.	Expiry Date
ES	2002-May-30	02739485.7		<u></u>	2010-May-05	1393599	2022-May-30
ES	2002-Jun-21	02738518.6			2008-Dec-10	1405551	2022-Jun-21
ES	2002-Sep-17	02773430.0	2004-Jun-16	1428415	2012-Jul-18	1428415	2022-Sep-17
ES	2003-May-09	03736588.9			2008-Dec-03	1502483	2023-May-09
ES	2003-Aug-28	03791823.2			2010-Jan-13	1535495	2023-Aug-28
ES	2003-Nov-11	03758604.7			2010-Mar-03	1568255	2023-Nov-11
ES	2003-Dec-11	03777081.5			2008-Dec-03	1576858	2023-Dec-11
ES	2004-Nov-22	04811765.9			2010-Apr-28	1687692	2024-Nov-22
ES	2005-Jun-23	05759404.6	2007-Apr-25	1776628	2011-Nov-30	1776628	2025-Jun-23
ES	2005-Jul-14	05763182.2	2007-Apr-11	1772044-A			2025-Jul-14
ES	2005-Aug-02	05772133.4	2007-May-09	1782660	2011-Oct-12	1782660	2025-Aug-02
ES	2005-Oct-12	05791339.4	2007-Jun-27	1800401	2012-Apr-04	1800401	2025-Oct-12
ES	2005-Nov-09	05809900.3	2006 Nav. 02	1070210 4	2011-Feb-09	1815536	2025-Nov-09
ES ES	2006-Apr-19 2006-May-24	06727966.1 06765708.0	2006-Nov-02	1878319 -A	2011-Nov-02 2009-Mar-18	1878319 1889519	2026-Apr-19 2026-May-24
ES	2006-Way-24 2006-Oct-02	06809462.2	2008-Jun-25	1935085-A	2012-Mar-28	1935085	2026-Oct-02
ES	2006-Dec-11	06832203.1	2000-Juli-25	1755005-A	2010-Sep-29	1963735	2026-Dec-11
ES	2006-Dec-13	06842469.6	2008-Sep-10	1966624	2011-Jun-29	1966624	2026-Dec-11
ES	2007-Apr-20	07735597.2	2009-Jan-21	2016804-A	2011-Jun-29	2016804	2027-Apr-20
ES	2007-Jul-05	07825886.0			2010-Mar-31	2052181	2027-Jul-05
ES	2007-Sep-20	07826476.9			2011-Mar-02	2074866	2027-Sep-20
ES	2007-Nov-06	07826984.2			2010-Jul-28	2082620	2027-Nov-06
ES	2007-Nov-09	07840007.4			2010-Jul-14	2082621	2027-Nov-09
ES	2007-Nov-27	07862228.9			2011-Mar-02	2089656	2027-Nov-27
ES	2007-Dec-07	07849372.3	2009-Sep-23	2103190-A			2027-Dec-07
ES	2008-Mar-31	08737675.2	2010-Jan-13	2143303-A	2012-Aug-08	2143303	2028-Mar-31
ES	2008-Apr-04	08737714.9	2010 7 1 21	217/270	2010-Oct-06	2135005	2028-Apr-04
ES	2008-May-09	08763076.0	2010-Feb-24	2156279-A	2011-Dec-21	2156279	2028-May-09
ES ES	2008-Jun-23	08763422.6	2010-Mar-17	2163132-A	2011 Apr 27	2181565	2028-Jun-23
ES ES	2008-Aug-14 2008-Dec-02	08789608.0 08857778.8	2010-Sep-29	2232951-A	2011-Apr-27 2011-Jul-06	2181303	2028-Aug-14 2028-Dec-02
ES	2008-Dec-02 2008-Dec-29	08870459.8	2010-Sep-29	2229803-A	2011-Jul-00 2011-Oct-26	2229803	2028-Dec-02 2028-Dec-29
FI	2001-Apr-24	03028671.0	2010 Sep 22	2227003 71	2010-Apr-14	1422975	2021-Apr-24
FI	2001-Apr-24	07075990.7	2008-Feb-13	1887836	2012-Mar-07	1887836	2021-Apr-24
FI	2002-Jun-21	02738518.6			2008-Dec-10	1405551	2022-Jun-21
FI	2003-May-09	03736588.9			2008-Dec-03	1502483	2023-May-09
FI	2003-Aug-28	03791823.2			2010-Jan-13	1535495	2023-Aug-28
FI	2006-May-24	06765708.0			2009-Mar-18	1889519	2026-May-24
FI	2007-Apr-20	07735597.2	2009-Jan-21	2016804-A	2011-Jun-29	2016804	2027-Apr-20
FI	2007-Sep-20	07826476.9			2011-Mar-02	2074866	2027-Sep-20
FI	2008-Dec-02	08857778.8	2010-Sep-29	2232951-A	2011-Jul-06	2232951	2028-Dec-02
FR	1997-Aug-08	97932965.3	1000 0 16	0064064 4 1	2005-Nov-09	0870384	2017-Aug-08
FR FR	1997-Sep-08 1998-Jan-22	97936833.9 98900141.7	1998-Sep-16 1999-Jan-13	0864064-A1 0890059-A1	2002-Dec-04 2004-Jun-23	0864064 0890059	2017-Sep-08 2018-Jan-22
FR	1998-Jul-16	98929597.7	1999-Jul-21	0929993-A1	2004-Juli-23 2004-Oct-06	0929993	2018-Jul-16
FR	1998-Jul-16	98929590.2	1999-Jul-21	0929992-A1	2003-Aug-06	0929992	2018-Jul-16
FR	1998-Jul-27	98932457.9	1999-Jul-21	0929994-A1	2003-Aug-00 2003-Jul-02	0929994	2018-Jul-27
FR	1998-Aug-26	98944539.0			2002-Aug-07	1016062	2018-Aug-26
FR	1999-Jun-17	99922465.2	2000-Sep-13	1034690-A1	2003-Oct-29	1034690	2019-Jun-17
FR	1999-Sep-03	99943116.6	•		2003-Nov-05	1110198	2019-Sep-03
FR	1999-Sep-17	99948820.8			2008-Jan-16	1046196	2019-Sep-17
FR	1999-Dec-02	99962235.0	2000-Dec-06	1056993-A1	2003-Mar-26	1056993	2019-Dec-02
FR	2000-Jul-14	00950360.8	2002-Jul-24	1224845	2005-Nov-02	1224845	2020-Jul-14
FR	2000-Jul-14	05077467.8			2009-May-06	1624728	2020-Jul-14
FR	2000-Jul-14	09160257.3	2001 1 1 27	1110050 11	2011-Mar-02	2139299	2020-Jul-14
FR	2000-Jul-28	00948011.2	2001-Jul-25	1118252-A1	2003-Oct-01	1118252	2020-Jul-28
FR FR	2000-Sep-15 2000-Oct-10	00964189.5 00972733.0	2001-Oct-04 2001-Oct-10	1138177-A1 1142452-A1	2004-Dec-01 2004-Mar-10	1138177 1142452	2020-Sep-15 2020-Oct-10
FR	2000-Oct-10 2000-Oct-12	00972733.0	2001-Oct-10 2001-Oct-17	1142432-A1 1145602-A	2004-Mar-10 2004-Mar-10	1142432	2020-Oct-10 2020-Oct-12
FR	2000-Oct-12 2000-Oct-12	00907800.3	2001-Oct-17 2001-Oct-31	1149510-A1	2003-Feb-12	1149510	2020-Oct-12 2020-Oct-12
FR	2000-Nov-20	00980578.9	2002-Aug-28	1234140	2005-Aug-10	1234140	2020-Nov-20
FR	2001-Jan-08	01907413.7		120.110	2006-Jun-14	1166604	2021-Jan-08
FR	2001-Apr-24	03028671.0			2010-Apr-14	1422975	2021-Apr-24
FR	2001-Apr-24	07075990.7	2008-Feb-13	1887836	2012-Mar-07	1887836	2021-Apr-24
FR	2001-Jun-21	01948546.5	2003-Mar-26	1295515	2011-Dec-28	1295515	2021-Jun-21
FR	2001-Aug-14	01203099.5			2009-Oct-14	1182396	2021-Aug-14
FR	2001-Sep-05	01965257.7			2005-Dec-14	1321012	2021-Sep-05

CTY	Fil.Date	Application No.	Pub. Data	Publication No.	Grant Date	Grant No.	Expiry Date
FR	2001-Oct-25	01997118.3			2009-Jun-17	1337784	2021-Oct-25
FR	2001-Nov-09	01990408.5			2006-Apr-12	1338181	2021-Nov-09
FR	2001-Dec-03	01989575.4			2005-Aug-10	1346609	2021-Dec-03
FR	2001-Dec-12	01272187.4			2005-Jun-08	1348319	2021-Dec-12
FR	2001-Dec-12	01272182.5			2006-Aug-02	1348318	2021-Dec-12
FR	2002-Feb-28	02701491.9			2005-Nov-09	1371211	2022-Feb-28
FR	2002-Mar-14	02703803.3			2007-Aug-08	1374642	2022-Mar-14
FR	2002-Apr-25	02722631.5			2008-Dec-17	1393029	2022-Apr-25
FR	2002-May-10	02734387.0	2004-Feb-11	1388276	2011-Aug-10	1388276	2022-May-10
FR	2002-May-30	02739485.7			2010-May-05	1393599	2022-May-30
FR	2002-Jun-07	02735758.1			2006-Aug-09	1399694	2022-Jun-07
FR	2002-Jun-21	02738518.6			2008-Dec-10	1405551	2022-Jun-21
FR	2002-Aug-09	02755483.1	2004-May-26	1421830-A	2011-Oct-12	1421830	2022-Aug-09
FR	2002-Sep-17	02773430.0	2004-Jun-16	1428415	2012-Jul-18	1428415	2022-Sep-17
FR	2002-Sep-30	02800685.6			2006-May-10	1438877	2022-Sep-30
FR FR	2002-Oct-16	02775101.5			2007-Apr-11 2008-Feb-27	1440604	2022-Oct-16
FR	2002-Nov-15 2002-Nov-29	02781532.3 02785772.1			2008-Feb-27 2009-Sep-16	1459599 1461982	2022-Nov-15 2022-Nov-29
FR	2002-Nov-29 2002-Dec-18	02790614.8	2004-Sep-22	1459280-A	2012-Feb-15	1459280	2022-Nov-29 2022-Dec-18
FR	2002-Dec-18 2002-Dec-20	02790641.1	2004-3cp-22	1437200-A	2006-Oct-25	1461980	2022-Dec-18
FR	2002-Bee-20 2003-Feb-06	03700452.0			2006-Jul-05	1479270	2023-Feb-06
FR	2003-May-09	03736588.9			2008-Dec-03	1502483	2023-May-09
FR	2003-Jun-12	03735929.6			2009-May-06	1518445	2023-Jun-12
FR	2003-Aug-28	03791823.2			2010-Jan-13	1535495	2023-Aug-28
FR	2003-Nov-11	03758604.7			2010-Mar-03	1568255	2023-Nov-11
FR	2003-Dec-11	03777081.5			2008-Dec-03	1576858	2023-Dec-11
FR	2003-Dec-18	03777121.9			2008-Apr-09	1579733	2023-Dec-18
FR	2003-Dec-18	03813963.0			2009-Feb-25	1579736-A	2023-Dec-18
FR	2004-Apr-22	04728861.8			2007-Mar-07	1623602	2024-Apr-22
FR	2004-Apr-30	04730612.1			2008-Apr-16	1623604	2024-Apr-30
FR	2004-Nov-22	04811765.9			2010-Apr-28	1687692	2024-Nov-22
FR	2005-Apr-27	05731773.7			2009-Nov-18	1752024	2025-Apr-27
FR	2005-Jun-23	05759404.6	2007-Apr-25	1776628	2011-Nov-30	1776628	2025-Jun-23
FR	2005-Jul-14	05763182.2	2007-Apr-11	1772044-A	2011 0 + 12	1702660	2025-Jul-14
FR	2005-Aug-02	05772133.4	2007-May-09	1782660	2011-Oct-12	1782660	2025-Aug-02
FR	2005-Oct-12	05791339.4	2007-Jun-27	1800401	2012-Apr-04 2011-Feb-09	1800401	2025-Oct-12
FR FR	2005-Nov-09 2005-Nov-24	05809900.3 05826628.9			2011-Feb-09 2011-Jan-26	1815536 1820373	2025-Nov-09 2025-Nov-24
FR	2005-Nov-24 2005-Dec-16	05820993.3	2007-Feb-22	1922905-A1	2012-Jul-04	1922905	2025-Nov-24 2025-Dec-16
FR	2006-Apr-19	06727966.1	2006-Nov-02	1878319 -A	2011-Nov-02	1878319	2026-Apr-19
FR	2006-May-10	06744904.1	2000-1101-02	10/0317 -11	2009-Jul-22	1889112	2026-May-10
FR	2006-May-24	06765708.0			2009-Mar-18	1889519	2026-May-24
FR	2006-Oct-02	06809462.2	2008-Jun-25	1935085-A	2012-Mar-28	1935085	2026-Oct-02
FR	2006-Nov-20	06821499.8			2012-Jan-11	1954975	2026-Nov-20
FR	2006-Dec-06	06832117.3	2008-Sep-03	1964451-A	2011-Jul-06	1964451	2026-Dec-06
FR	2006-Dec-11	06832203.1	•		2010-Sep-29	1963735	2026-Dec-11
FR	2006-Dec-13	06842469.6	2008-Sep-10	1966624	2011-Jun-29	1966624	2026-Dec-13
FR	2007-Apr-20	07735597.2	2009-Jan-21	2016804-A	2011-Jun-29	2016804	2027-Apr-20
FR	2007-Jun-21	07825830.8			2011-Apr-06	2036406	2027-Jun-21
FR	2007-Jul-03	07825879.5	2009-Apr-01	2042003-A			2027-Jul-03
FR	2007-Jul-05	07825886.0			2010-Mar-31	2052181	2027-Jul-05
FR	2007-Sep-18	07826420.7			2010-Mar-24	2074658	2027-Sep-18
FR	2007-Sep-20	07826476.9			2011-Mar-02	2074866	2027-Sep-20
FR	2007-Sep-20	07826474.4			2010-Apr-21	2084941	2027-Sep-20
FR	2007-Nov-06	07826984.2			2010-Jul-28	2082620	2027-Nov-06
FR FR	2007-Nov-09 2007-Nov-27	07840007.4 07862228.9			2010-Jul-14 2011-Mar-02	2082621 2089656	2027-Nov-09 2027-Nov-27
FR	2007-Nov-27 2007-Dec-04	07849329.3			2011-Mai-02 2011-Apr-06	2103189	2027-Nov-27 2027-Dec-04
FR	2007-Dec-04 2007-Dec-05	07849329.3	2009-Sep-23	2103188-A	2012-Apr-00 2012-Aug-01	2103189	2027-Dec-04 2027-Dec-05
FR	2007-Dec-07	07849372.3	2009-Sep-23	2103190-A	2012 1145 01	2103100	2027-Dec-07
FR	2008-Mar-31	08737675.2	2010-Jan-13	2143303-A	2012-Aug-08	2143303	2028-Mar-31
FR	2008-Apr-04	08737714.9	0.20 0.332 10		2010-Oct-06	2135005	2028-Apr-04
FR	2008-Apr-21	08737928.5			2010-Sep-15	2143304	2028-Apr-21
FR	2008-May-09	08763076.0	2010-Feb-24	2156279-A	2011-Dec-21	2156279	2028-May-09
FR	2008-Jun-23	08763422.6	2010-Mar-17	2163132-A			2028-Jun-23
FR	2008-Aug-14	08789608.0			2011-Apr-27	2181565	2028-Aug-14
FR	2008-Dec-02	08857778.8	2010-Sep-29	2232951-A	2011-Jul-06	2232951	2028-Dec-02

CTY	Fil.Date	Application No.	Pub. Data	Publication No.	Grant Date	Grant No.	Expiry Date
FR	2008-Dec-29	08870459.8	2010-Sep-22	2229803-A	2011-Oct-26	2229803	2028-Dec-29
GB	1997-Aug-08	97932965.3			2005-Nov-09	0870384	2017-Aug-08
GB	1997-Sep-08	97936833.9	1998-Sep-16	0864064-A1	2002-Dec-04	0864064	2017-Sep-08
GB	1998-Jan-22	98900141.7	1999-Jan-13	0890059-A1	2004-Jun-23	0890059	2018-Jan-22
GB	1998-Jul-16	98929597.7	1999-Jul-21	0929993-A1	2004-Oct-06	0929993	2018-Jul-16
GB	1998-Jul-16	98929590.2	1999-Jul-21	0929992-A1	2003-Aug-06	0929992	2018-Jul-16
GB	1998-Jul-27	98932457.9	1999-Jul-21	0929994-A1	2003-Jul-02	0929994	2018-Jul-27
GB	1998-Aug-26	98944539.0			2002-Aug-07	1016062	2018-Aug-26
GB	1999-Sep-03	99943116.6			2003-Nov-05	1110198	2019-Sep-03
GB	1999-Sep-17	99948820.8			2008-Jan-16	1046196	2019-Sep-17
GB	1999-Nov-24	99957760.4			2010-Oct-06	1133657	2019-Nov-24
GB	1999-Dec-02	99962235.0	2000-Dec-06	1056993-A1	2003-Mar-26	1056993	2019-Dec-02
GB	2000-Jul-14	00950360.8	2002-Jul-24	1224845	2005-Nov-02	1224845	2020-Jul-14
GB GB	2000-Jul-14 2000-Jul-14	05077467.8 09160257.3			2009-May-06 2011-Mar-02	1624728 2139299	2020-Jul-14 2020-Jul-14
GB	2000-Jul-14 2000-Jul-28	00948011.2	2001-Jul-25	1118252-A1	2003-Oct-01	1118252	2020-Jul-14 2020-Jul-28
GB	2000-Sep-15	00964189.5	2001-9ti-25 2001-Oct-04	1138177-A1	2004-Dec-01	1138177	2020-Sep-15
GB	2000-Oct-10	00972733.0	2001-Oct-10	1142452-A1	2004-Mar-10	1142452	2020-Oct-10
GB	2000-Oct-12	00967866.5	2001-Oct-17	1145602-A	2004-Mar-10	1145602	2020-Oct-12
GB	2000-Oct-12	00972760.3	2001-Oct-31	1149510-A1	2003-Feb-12	1149510	2020-Oct-12
GB	2000-Nov-20	00980578.9	2002-Aug-28	1234140	2005-Aug-10	1234140	2020-Nov-20
GB	2001-Jan-08	01907413.7	_		2006-Jun-14	1166604	2021-Jan-08
GB	2001-Apr-24	03028671.0			2010-Apr-14	1422975	2021-Apr-24
GB	2001-Apr-24	07075990.7	2008-Feb-13	1887836	2012-Mar-07	1887836	2021-Apr-24
GB	2001-Jun-21	01948546.5	2003-Mar-26	1295515	2011-Dec-28	1295515	2021-Jun-21
GB	2001-Aug-14	01203099.5			2009-Oct-14	1182396	2021-Aug-14
GB	2001-Sep-05	01965257.7			2005-Dec-14	1321012	2021-Sep-05
GB GB	2001-Oct-25	01997118.3 01990408.5			2009-Jun-17	1337784 1338181	2021-Oct-25
GB	2001-Nov-09 2001-Dec-03	01989575.4			2006-Apr-12 2005-Aug-10	1336161	2021-Nov-09 2021-Dec-03
GB	2001-Dec-03 2001-Dec-12	01272187.4			2005-Aug-10 2005-Jun-08	1348319	2021-Dec-03 2021-Dec-12
GB	2001-Dec-12	01272182.5			2006-Aug-02	1348318	2021-Dec-12 2021-Dec-12
GB	2002-Feb-28	02701491.9			2005-Nov-09	1371211	2022-Feb-28
GB	2002-Mar-14	02703803.3			2007-Aug-08	1374642	2022-Mar-14
GB	2002-Apr-25	02722631.5			2008-Dec-17	1393029	2022-Apr-25
GB	2002-May-10	02734387.0	2004-Feb-11	1388276	2011-Aug-10	1388276	2022-May-10
GB	2002-May-30	02739485.7			2010-May-05	1393599	2022-May-30
GB	2002-Jun-07	02735758.1			2006-Aug-09	1399694	2022-Jun-07
GB	2002-Jun-21	02738518.6	200434 26	1.101.020	2008-Dec-10	1405551	2022-Jun-21
GB	2002-Aug-09	02755483.1	2004-May-26	1421830-A	2011-Oct-12	1421830	2022-Aug-09
GB GB	2002-Sep-17 2002-Sep-30	02773430.0 02800685.6	2004-Jun-16	1428415	2012-Jul-18 2006-May-10	1428415 1438877	2022-Sep-17 2022-Sep-30
GB	2002-Sep-30 2002-Oct-16	02775101.5			2007-Apr-11	1440604	2022-Sep-30 2022-Oct-16
GB	2002-Oct-10 2002-Nov-15	02773101.3			2008-Feb-27	1459599	2022-Oct-10 2022-Nov-15
GB	2002-Nov-29	02785772.1			2009-Sep-16	1461982	2022-Nov-29
GB	2002-Dec-18	02790614.8	2004-Sep-22	1459280-A	2012-Feb-15	1459280	2022-Dec-18
GB	2002-Dec-20	02790641.1			2006-Oct-25	1461980	2022-Dec-20
GB	2003-Feb-06	03700452.0			2006-Jul-05	1479270	2023-Feb-06
GB	2003-May-09	03736588.9			2008-Dec-03	1502483	2023-May-09
GB	2003-Jun-12	03735929.6			2009-May-06	1518445	2023-Jun-12
GB	2003-Aug-28	03791823.2			2010-Jan-13	1535495	2023-Aug-28
GB	2003-Nov-11	03758604.7			2010-Mar-03	1568255	2023-Nov-11
GB	2003-Dec-11	03777081.5			2008-Dec-03	1576858	2023-Dec-11
GB	2003-Dec-18	03777121.9			2008-Apr-09	1579733	2023-Dec-18
GB	2003-Dec-18	03813963.0			2009-Feb-25	1579736	2023-Dec-18
GB GB	2004-Apr-22 2004-Apr-30	04728861.8 04730612.1			2007-Mar-07 2008-Apr-16	1623602 1623604	2024-Apr-22 2024-Apr-30
GB	2004-Apr-30 2004-Nov-22	04811765.9			2010-Apr-28	1687692	2024-Apr-30 2024-Nov-22
GB	2004-Nov-22 2004-Dec-12	0427744.8			2008-Sep-03	2421367	2024-Nov-22 2024-Dec-12
GB	2005-Apr-27	05731773.7			2009-Nov-18	1752024	2025-Apr-27
GB	2005-Jun-23	05759404.6	2007-Apr-25	1776628	2011-Nov-30	1776628	2025-Jun-23
GB	2005-Jul-14	05763182.2	2007-Apr-11	1772044-A			2025-Jul-14
GB	2005-Aug-02	05772133.4	2007-May-09	1782660	2011-Oct-12	1782660	2025-Aug-02
GB	2005-Oct-12	05791339.4	2007-Jun-27	1800401	2012-Apr-04	1800401	2025-Oct-12
GB	2005-Nov-09	05809900.3			2011-Feb-09	1815536	2025-Nov-09
GB	2005-Nov-24	05826628.9	400F T 1	400000	2011-Jan-26	1820373	2025-Nov-24
GB	2005-Dec-16	05820993.3	2007-Feb-22	1922905-A1	2012-Jul-04	1922905	2025-Dec-16

CTY	Fil.Date	Application No.	Pub. Data	Publication No.	Grant Date	Grant No.	Expiry Date
GB	2006-Apr-19	06727966.1	2006-Nov-02	1878319 -A	2011-Nov-02	1878319	2026-Apr-19
GB	2006-May-10	06744904.1			2009-Jul-22	1889112	2026-May-10
GB	2006-May-24	06765708.0			2009-Mar-18	1889519	2026-May-24
GB	2006-Oct-02	06809462.2	2008-Jun-25	1935085-A	2012-Mar-28	1935085	2026-Oct-02
GB	2006-Nov-20	06821499.8			2012-Jan-11	1954975	2026-Nov-20
GB	2006-Dec-06	06832117.3	2008-Sep-03	1964451-A	2011-Jul-06	1964451	2026-Dec-06
GB	2006-Dec-11	06832203.1	•		2010-Sep-29	1963735	2026-Dec-11
GB	2006-Dec-13	06842469.6	2008-Sep-10	1966624	2011-Jun-29	1966624	2026-Dec-13
GB	2007-Mar-02	07735026.2	2008-Nov-26	1994635-A	2012-Jun-27	1994635	2027-Mar-02
GB	2007-Apr-20	07735597.2	2009-Jan-21	2016804-A	2011-Jun-29	2016804	2027-Apr-20
GB	2007-Jun-21	07825830.8			2011-Apr-06	2036406	2027-Jun-21
GB	2007-Jul-03	07825879.5	2009-Apr-01	2042003-A	2010 77 21	2052101	2027-Jul-03
GB	2007-Jul-05	07825886.0			2010-Mar-31	2052181	2027-Jul-05
GB	2007-Sep-18	07826420.7			2010-Mar-24	2074658	2027-Sep-18
GB	2007-Sep-20	07826476.9			2011-Mar-02	2074866	2027-Sep-20
GB GB	2007-Sep-20 2007-Nov-06	07826474.4 07826984.2			2010-Apr-21	2084941	2027-Sep-20 2027-Nov-06
GB	2007-Nov-09	07820984.2			2010-Jul-28 2010-Jul-14	2082620 2082621	2027-Nov-09
GB	2007-Nov-27	07862228.9			2010-3d1-14 2011-Mar-02	2082621	2027-Nov-27
GB	2007-Dec-04	07849329.3			2011-Mar-02	2103189	2027-Nov-27 2027-Dec-04
GB	2007-Dec-05	07849344.2	2009-Sep-23	2103188-A	2012-Aug-01	2103188	2027-Dec-05
GB	2007-Dec-07	07849372.3	2009-Sep-23	2103190-A	2012 1145 01	2103100	2027-Dec-07
GB	2008-Mar-31	08737675.2	2010-Jan-13	2143303-A	2012-Aug-08	2143303	2028-Mar-31
GB	2008-Apr-04	08737714.9			2010-Oct-06	2135005	2028-Apr-04
GB	2008-Apr-21	08737928.5			2010-Sep-15	2143304	2028-Apr-21
GB	2008-May-09	08763076.0	2010-Feb-24	2156279-A	2011-Dec-21	2156279	2028-May-09
GB	2008-Jun-23	08763422.6	2010-Mar-17	2163132-A			2028-Jun-23
GB	2008-Aug-14	08789608.0			2011-Apr-27	2181565	2028-Aug-14
GB	2008-Dec-02	08857778.8	2010-Sep-29	2232951-A	2011-Jul-06	2232951	
GB	2008-Dec-29	08870459.8	2010-Sep-22	2229803-A	2011-Oct-26	2229803	2028-Dec-29
	1998-Aug-26	00104718.3	2000-Nov-10	1025416	2002-Nov-01	1025416	2018-Aug-26
	1998-Aug-26	02107347.3	2002-Dec-20	1046056-A			2018-Aug-26
	1998-Dec-17	00106717.9	2001-Jan-19	1027637			2018-Dec-17
	2000-Nov-20	06106682.4	2006-Aug-11	1085079A			2020-Nov-20
	2001-Apr-24	08106879.5	2012-Jul-27	1112153			2021 Jun 21
HK		03106910.1	2003-Dec-12	1054839A 1088431			2021-Jun-21 2024-Apr-21
	2004-Apr-21 2004-Jul-21	06108506.4 06111786.9	2006-Nov-03 2007-Jan-12	1088431			2024-Apr-21 2024-Jul-21
	2005-Mar-14	07101947.5	2007-Jan-12 2007-May-04	1091301			2024-3ul-21 2025-Mar-14
	2005-Jun-23	08101283.6	2008-Jul-18	1110661			2025-Jun-23
	2005-Oct-12	08104443.7	2012-Aug-31	1114958-A			2025-Oct-12
	2005-Oct-12	08104241.1	2008-Oct-31	1114497	2011-Nov-25	1114497B	2025-Oct-12
	2008-Mar-05	08102545.8					
HU	2003-May-09	03736588.9			2008-Dec-10	E005628	2023-May-09
HU	2003-Aug-28	03791823.2			2010-Jan-13	1535495	2023-Aug-28
HU	2006-May-24	06765708.0			2009-Mar-18	E005833	2026-May-24
HU		08857778.8	2010-Sep-29	2232951-A	2011-Jul-06	2232951	2028-Dec-02
ΙE	2001-Apr-24	03028671.0			2010-Apr-14	1422975	2021-Apr-24
ΙE	2001-Apr-24	07075990.7	2008-Feb-13	1887836	2012-Mar-07	1887836	2021-Apr-24
IE	2003-May-09	03736588.9			2008-Dec-03	1502483	2023-May-09
IE	2003-Aug-28	03791823.2			2010-Jan-13	1535495	2023-Aug-28
IN	1999-Sep-17	IN/PCT/00/00088			2007-Oct-08	210549	2019-Sep-17
IN	2004-Jul-21	949/DELNP/2006					2024-Jul-21
IN	2005-Jun-23	1611/MUMNP/2006					2025-Jun-23
IN IN	2005-Oct-12 2005-Oct-12	683/MUMNP/2007 684/MUMNP/2007					2025-Oct-12 2025-Oct-12
IN	2005-Oct-12 2005-Dec-02	2338/KOLNP/2007					2023-001-12
IN	2005-Dec-02 2005-Dec-16	413/MUMNP/2008					2025-Dec-16
IN	2006-May-24	5411/CHENP/2007					2025-Dec-10 2026-May-24
IN	2006-Sep-25	1494/CHENP/2008					2026-Sep-25
IN	2006-Nov-13	2472/CHENP/2008					2026-Nov-13
IN	2006-Nov-20	2527/CHENP/2008					2026-Nov-20
IN	2006-Dec-20	1233/MUMNP/2008					2026-Dec-20
IN	2007-Jan-10	3715/CHENP/2008					2027-Jan-10
IN	2007-Jan-26	4002/CHENP/2008					2027-Jan-26
IN	2007-Mar-02	4704/CHENP/2008					2027-Mar-02
IN	2007-Apr-20	5937/CHENP/2008					2027-Apr-20

No.	CTY	Fil.Date	Application No.	Pub. Data	Publication No.	Grant Date	Grant No.	Expiry Date
No. 2007-Aug-09   4002CHENP2009   2027-Aug-07   2027-Aug	IN	2007-Jun-19	6765/CHENP/2008		-,-			2027-Jun-19
152   2007-Aug-17   2007-Aug-17   2007-Aug-17   2007-Aug-17   2007-Aug-17   2007-Aug-17   2007-Aug-17   2007-Aug-17   2007-Aug-17   2007-Aug-18   2007-Aug	IN							
12   2007-Aug17   2007-Aug17   2007-Aug12   2007-Aug12   2007-Aug12   2007-Aug12   2007-Sep-03   2007-Sep-04   2007-Sep-04   2007-Sep-05   2007-Sep-05   2007-Sep-05   2007-Sep-05   2007-Sep-05   2007-Sep-06   2007-Sep-06   2007-Sep-07   2007-Sep-07   2007-Sep-08   2007-Sep-08   2007-Sep-08   2007-Sep-09   200								2027-Aug-09
No. 2007-Aug. 22   974/CHENP/2009   2027-Sep-03   2027-Sep-03   2027-Sep-03   2027-Sep-03   2027-Sep-04   2027-Sep-03   2027-Sep-04   2027-Sep-04   2027-Sep-05   2027-Sep-05   2027-Sep-05   2027-Sep-05   2027-Sep-05   2027-Sep-05   2027-Sep-05   2027-Sep-05   2027-Sep-05   2027-Sep-06   2027-Sep-07   2027-Sep-07   2027-Sep-07   2027-Sep-07   2027-Sep-08   2027-S			882/CHENP/2009					
13	IN							_
18   2007 Sep-18   2289/CHENP/2009   2027 Sep-20   2426/CHENP/2009   2027 Sep-20   2026/CHENP/2009   2027 Sep-20   2028 Sep-20								
18   2007-Sep-20	IN		2289/CHENP/2009					
18   2007-Sep-20	IN		2426/CHENP/2009					
18   2007-Sep-20   2045/CHENP/2009   2027-Oct-11   2045/CHENP/2009   2027-Oct-11   2045/CHENP/2009   2027-Oct-11   2027-Oct-13   2027-Oct-13   2027-Oct-14   2027-Oct-17   2028-Oct-27   2028-Oct-27	IN		2431/CHENP/2009					
N 2007-0ct-19   2017-0ct-19   2027-0ct-19   2027-0ct-11   2028-0ct-20   2028-0ct-20	IN	2007-Sep-20	2428/CHENP/2009					2027-Sep-20
N 2007-0ct-19   2007-Crc-19   2007-Oct-19   2007-Nov-09   2007-Nov-19   2007-Nov-19	IN	2007-Sep-20	2045/CHENP/2009					2027-Sep-20
N. 2007-Oct-31   S012/CHENP/2009   2027-Nov-09   N. 2007-Nov-09   S12/CHENP/2009   2027-Nov-07   N. 2007-Nov-27   3497/CHENP/2009   2027-Nov-27   N. 2007-Dec-07   3934/CHENP/2009   2027-Nov-27   N. 2007-Dec-07   3934/CHENP/2009   2027-Dec-17   2027-Dec-18   2027-Dec-19   2028-Mar-30   2028-Mar-20   2028-Mar-30   2028-Mar-30   2028-Mar-20   2028-Dec-20   4135/CHENP/2010   2028-Dec-20   4135/CHENP/2010   2028-Dec-20   2028-Dec-20   4135/CHENP/2010   2028-Dec-20   2028-Dec-2	IN	2007-Oct-11	2645/CHENP/2009					2027-Oct-11
IN 2007-Nov-09   3217/CHENP/2009   2027-Nov-27   IN 2007-Nov-27   3470/CHENP/2009   2027-Nov-27   IN 2007-Dec-17   3431/CHENP/2009   2027-Dec-07   IN 2007-Dec-11   4031/CHENP/2009   2027-Dec-11   2027-Dec-11   4031/CHENP/2009   2027-Dec-11   2027-Dec-11   2027-Dec-11   4031/CHENP/2009   2027-Dec-11   2027-Dec-11   2027-Dec-12   4067/CHENP/2009   2027-Dec-11   2027-Dec-12   4067/CHENP/2009   2027-Dec-12   2028-Mpr-31   2028-Mpr-31   2028-Mpr-32   2028-Mpr-31   2028-Mpr-32   2028-Mpr-32	IN	2007-Oct-19	2701/CHENP/2009					2027-Oct-19
IN 2007-Nov-27	IN	2007-Oct-31	3012/CHENP/2009					2027-Oct-31
N. 2007-Nov-27   3470/CHENP/2009   2027-Dec-07   78   2007-Dec-11   4031/CHENP/2009   2027-Dec-07   78   2007-Dec-11   4031/CHENP/2009   2027-Dec-11   78   2007-Dec-12   4031/CHENP/2009   2027-Dec-12   78   2008-Mar-31   6310/CHENP/2009   2028-Mar-32   2028-Mar-32   6310/CHENP/2009   2028-Mar-31   2008-Mar-31   6310/CHENP/2009   2028-Mar-31   2008-Mar-31   2008-Mar-30   7331/CHENP/2009   2028-Mar-31   2008-Mar-30   7331/CHENP/2009   2028-Mar-31   2008-Mar-00   7331/CHENP/2009   2028-Mar-00   2028-Dec-02   4134/CHENP/2010   2028-Dec-02   4138/CHENP/2010   2028-Dec-02   4138/CH		2007-Nov-09						2027-Nov-09
N. 2007-Dec-07   3934(CHINP)2009   2027-Dec-11   N. 2007-Dec-11   4032(CHENP)2009   2027-Dec-12   2027-Dec-12   10   2007-Dec-12   4032(CHENP)2009   2027-Dec-12   2028-Dec-12   2028-Dec-12   10   2008-Mar-31   6310(CHENP)2009   2028-Mar-23   2028-Mar-23   2028-Mar-23   2028-Mar-23   2028-Mar-23   2028-Mar-23   2028-Mar-23   2028-Mar-24   2028-Mar-25   2028-Mar-26   2028-Mar-2	IN		3697/CHENP/2009					
IN 2007-be-11			3470/CHENP/2009					
IN 2007-Dec-12   4032CHENP/2009   2027-Dec-12   10								
IN 2007-Dec-12   4067/CHENP/2009   2027-Dec-12								
N 2008-May-23								
N								
N								
IN   2008-May-02   7333/CHENP/2009   2028-May-02   10   2028-May-02   10   2028-May-02   10   2028-May-02   10   2028-Dec-02   2028-Dec-03   2028-Dec-03   2028-Dec-04								-
IN 2008-Dec-02								
N								
N								
N 2008-Dec-22   4501/CHENP/2010   2028-Dec-22   TI 1998-Jan-22   98900141.7   1999-Jan-13   0890059-A1   2004-Jun-23   0890059   2018-Jan-22   2028-Dec-29   TI 1998-Jan-22   98900141.7   1999-Jan-13   0890059-A1   2004-Jun-23   0890059   2018-Jan-22   TI 1998-Aug-26   98944539.0   99943116.6   2003-Nov-05   1110198   2019-Sep-03   TI 1999-Sep-03   99943116.6   2003-Nov-05   1110198   2019-Sep-03   TI 1999-Sep-03   99943116.6   2003-Nov-05   1110198   2019-Sep-03   TI 1999-Sep-17   99948820.8   2009-Jun-16   1046196   2019-Sep-17   TI 2000-Jul-14   00507467.8   2009-Jun-24   2224845   2005-Nov-02   1224845   2020-Jul-14   TI 2000-Jul-14   05077467.8   2002-Aug-28   1234140   2005-Nov-02   1224845   2020-Jul-14   TI 2000-Jul-14   09160257.3   2011-Mar-02   2139299   2020-Jul-14   TI 2000-Jul-14   09160257.3   2002-Aug-28   1234140   2005-Nov-01   1234140   2020-Nov-20   TI 2001-Apr-24   03028671.0   2011-Apr-24   07075990.7   2008-Feb-13   1887836   2012-Mar-07   1887836   2021-Apr-24   TI 2001-Apr-24   07075990.7   2008-Feb-13   1887836   2012-Mar-07   1887836   2021-Apr-24   TI 2001-Aug-14   01203099.5   2003-Mar-26   1295515   2011-Dec-28   1295515   2021-Jun-21   TI 2001-Aug-14   01203099.5   2003-Mar-26   1295515   2011-Dec-28   1295515   2021-Jun-21   TI 2001-Aug-14   01203099.5   2003-Mar-26   1295515   2011-Aug-10   1388276   2021-Aug-10   TI 2002-May-10   02734387.0   2004-Feb-11   1388276   2011-Aug-10   1388276   2022-May-10   2002-May-10   02734387.0   2004-Feb-11   1388276   2011-Aug-10   1388276   2022-May-10   2002-May-30   02734387.0   2004-Feb-11   1388276   2011-Aug-10   1388276   2022-May-10   2002-May-30   02734387.0   2004-Feb-11   1388276   2011-Aug-10   1388276   2022-May-30   TI 2002-May-30   02734387.0   2004-Feb-11   1388276   2011-Aug-10   1388276   2022-May-30   2022-May-10   2003-May-90   3736588.9   2022-May-30   2003-May-90   3736588.9   2022-May-30   2003-May-90   3736588.9   2022-May-30   2003-May-10   2003-May-90   3736588.9   2023-May-90   2003-May-10   2003-May-90   3736588.9								
N 2008-Dec-29   4633/CHENP/2010   2028-Dec-29   2028-Dec-29   2018-Jan-22   9890141.7   1999-Jan-13   0890059-A1   2004-Jun-23   0890059   2018-Jan-22   1T   1998-Jan-26   98944530.0   2007-Jan-16   101662   2018-Aug-26   2019-Sep-03   2019-Sep-03   99948116.6   2019-Sep-03   2008-Jan-16   101610   2019-Sep-03   2019-Jan-16   101610   2019-Sep-03   2019-Jan-16   101610   2019-Sep-17   2000-Jul-14   05077467.8   2009-May-06   1624728   2020-Jul-14   2009-Jul-14   05077467.8   2009-May-06   1624728   2020-Jul-14   2009-Jul-14   09160257.3   2011-Mar-02   2139299   2020-Jul-14   2009-Jul-14   2009-Jul-14   2010-Apr-24   03028671.0   2010-Apr-24   03028671.0   2010-Apr-24   0707590.7   2008-Feb-13   1887836   2012-Mar-07   1887836   2021-Apr-24   17   2001-Jun-21   01948546.5   2003-Mar-26   1295515   2011-Dec-28   2195515   2021-Jun-21   17   2001-Jun-24   101203909.5   2009-Jun-17   1337784   2021-Jun-21   17   2001-Dec-25   01997118.3   2009-Jun-17   1337784   2021-Oct-25   17   2001-May-10   02734387.0   2004-Feb-11   1388276   2011-Aug-10   3188276   2012-May-10   2023-May-30   2023-May-3								
Tr   1998-Jan-22   9890141.7   1999-Jan-13   0890059-A1   2004-Jun-23   0890059   2018-Jan-22   1T   1998-Aug-26   98944539.0   2002-Aug-07   1016062   2018-Aug-26   1T   1999-Sep-03   99943116.6   2003-Nov-05   1110198   2019-Sep-17   1T   2005-Jul-14   00950360.8   2002-Jul-24   1224845   2005-Nov-02   1224845   2020-Jul-14   1T   2000-Jul-14   05077467.8   2009-May-06   1624728   2020-Jul-14   1T   2000-Jul-14   05077467.8   2009-May-06   1624728   2020-Jul-14   1T   2000-Jul-14   09160257.3   2011-Mar-02   2139299   2020-Jul-14   1T   2000-Nov-20   00980578.9   2002-Aug-28   1234140   2005-Aug-10   1234140   2020-Nov-20   1T   2001-Apr-24   03028671.0   2008-Feb-13   1887836   2012-Mar-07   1887836   2021-Apr-24   1T   2001-Apr-24   07075990.7   2008-Feb-13   1887836   2012-Mar-07   1887836   2021-Apr-24   1T   2001-Aug-14   01203099.5   2003-Mar-26   1295515   2011-Dec-28   1295515   2021-Jun-21   1T   2001-Aug-14   01203099.5   2003-Mar-26   1295515   2011-Aug-14   1182396   2021-Aug-14   1T   2001-Aug-14   01203099.5   2004-Feb-11   1388276   2011-Aug-10   1388276   2021-Aug-14   1T   2002-May-30   027344857.0   2004-Feb-11   1388276   2011-Aug-10   1388276   2022-May-30   1T   2002-May-30   027344857.0   2004-Jun-16   1428415   2012-Jul-18   1428415   2022-Sep-17   1T   2003-May-09   03736588.9   2004-Jun-16   1428415   2012-Jul-18   1428415   2022-Sep-17   1T   2003-May-09   03736588.9   2004-Jun-16   1428415   2011-Aug-10   136859   2023-May-09   17003-Aug-28   0379183.3   2023-May-09   17003-Aug-28   0379183.3   2023-May-09   17003-Aug-28   0379183.3   2023-May-09   17003-Aug-28   1676628   2023-Jun-21   17005-Jun-23   0575040.6   2007-Apr-25   1776628   2011-Nov-30   1776628   2025-Jun-23   1776628   2025-Jun-23   1776628   2025-Jun-23   1776628   2025-Jun-23   17005-Jun-24   06765708.0   2007-Apr-25   178660   2011-Nov-02   1878319   2026-Apr-19   17   2006-Apr-19   06727966.1   2006-Nov-02   1878319 - A   2011-Nov-02   1878319   2026-Apr-19   17   2006-Nov-20   06821499.8   2007-Jun-25   1935085								
T   1998-Aug-26   98944539.0   2002-Aug-07   1016062   2018-Aug-26   T   1999-Sep-03   99943116.6   2003-Nov-05   1110198   2019-Sep-03   T   1999-Sep-17   99948820.8   2008-Jan-16   1046196   2019-Sep-17   T   2000-Jul-14   00950360.8   2002-Jul-24   1224845   2005-Nov-02   1224845   2020-Jul-14   T   2000-Jul-14   09507467.8   2009-Aug-06   1624728   2020-Jul-14   T   2000-Jul-14   09160257.3   2011-Mar-02   2139299   2020-Jul-14   T   2000-Jul-14   09160257.3   2011-Mar-02   2139299   2020-Jul-14   T   2000-Nov-20   00980578.9   2002-Aug-28   1234140   2005-Aug-10   1234140   2020-Nov-20   T   2001-Apr-24   07075990.7   2008-Feb-13   1887836   2012-Mar-07   1887836   2021-Apr-24   T   2001-Apr-24   07075990.7   2008-Feb-13   1887836   2012-Mar-07   1887836   2021-Apr-24   T   2001-Aug-14   01203099.5   2009-Jun-17   1337784   2021-Oct-25   10997118.3   2009-Jun-17   1337784   2021-Oct-25   10997118.3   2009-Jun-17   1337784   2021-Oct-25   10997118.3   2009-Jun-17   1337784   2021-Oct-25   10907-Jun-21   02734387.0   2004-Feb-11   1388276   2011-Mar-05   1393599   2022-May-10   T   2002-May-30   02739485.7   2010-May-05   1393599   2022-May-30   17   2002-Jun-21   02738518.6   2008-Dec-10   1405551   2022-Jun-21   17   2003-May-09   03736588.9   2004-Jun-16   1428415   2012-Jul-18   1428415   2022-Jul-18   1428415   2023-Aug-28   17   2003-May-09   03736588.9   2004-Jul-16   1428415   2012-Jul-18   1428415   2012-Jul				1000 I 12	0000050 11	2004 1 22	0000050	
Tr   1999-Sep-03   99943116.6   2003-Nov-05   1110198   2019-Sep-03   Tr   1999-Sep-17   99948820.8   2002-Jul-24   1224845   2005-Nov-02   1224845   2020-Jul-14   Tr   2000-Jul-14   0950360.8   2002-Jul-24   1224845   2009-May-06   1624728   2020-Jul-14   Tr   2000-Jul-14   09160257.3   2011-Mar-02   213929   2020-Jul-14   Tr   2000-Jul-14   09160257.3   2011-Mar-02   213929   2020-Jul-14   Tr   2000-Nov-20   00980578.9   2002-Aug-28   1234140   2005-Aug-10   1234140   2020-Nov-20   Tr   2001-Apr-24   03028671.0   2010-Apr-14   1422975   2021-Apr-24   Tr   2001-Apr-24   07075990.7   2008-Feb-13   1887836   2012-Mar-07   1887836   2012-Apr-24   Tr   2001-Apr-24   01203099.5   2003-Mar-26   1295515   2011-Dec-28   1295515   2021-Jun-21   Tr   2001-Aug-14   01203099.5   2009-Qct-14   1182396   2021-Aug-14   12002-May-10   02734387.0   2004-Feb-11   1388276   2011-Aug-10   1388276   2022-May-10   12002-May-30   02734387.0   2004-Feb-11   1388276   2011-Aug-10   1388276   2022-May-30   2023-May-30   02739485.7   2010-May-05   1393599   2022-May-30   17   2002-May-30   02739485.7   2010-May-05   1393599   2022-May-30   17   2002-May-30   02733485.0   2004-Jun-16   1428415   2012-Jul-18   1428415   2022-Sep-17   17   2003-May-09   03736588.9   2004-Jun-16   1428415   2012-Jul-18   1428415   2022-May-09   17   2003-May-09   03736588.9   2003-May-09   376588.9   2003-May-09   376588.9   2003-May-09   376588.9   2003-May-09   376588.9   2003-May-09   376588.9   2003-May-09   376628   2011-May-03   1568255   2023-Nov-11   17   2004-Nov-22   04811765.9   2005-May-03   1568255   2023-Nov-11   17   2004-Nov-22   04811765.9   2005-May-09   1782660   2011-Nov-30   1776628   2023-May-09   1782660   2011-Nov-30   1776628   2023-May-09   17   2005-May-09   05809900.3   2011-Feb-09   181530   2025-Nov-09   17   2005-May-09   06727966.1   2006-Nov-02   1878319 - A   2011-Nov-02   1878319   2026-Apr-19   17   2006-May-24   06765708.0   2007-May-09   1782660   2011-Nov-02   1878319   2026-Apr-19   17   2006-May-24   06765708.0				1999-Jan-13	0890059-A1			
Tr   1999-Sep-17   99948820.8   2008-Jan-16   1046196   2019-Sep-17     Tr   2000-Jul-14   00950360.8   2002-Jul-24   1224845   2005-Nov-02   1224845   2002-Jul-14     Tr   2000-Jul-14   095077467.8   2009-May-06   1624728   2020-Jul-14     Tr   2000-Jul-14   09160257.3   2011-Mar-02   2139299   2020-Jul-14     Tr   2000-Nov-20   00980578.9   2002-Aug-28   1234140   2005-Aug-10   1234140   2020-Nov-20     Tr   2001-Apr-24   03028671.0   2010-Apr-14   1422975   2021-Apr-24     Tr   2001-Apr-24   07075990.7   2008-Feb-13   1887836   2012-Mar-07   1887836   2021-Apr-24     Tr   2001-Jun-21   01948546.5   2003-Mar-26   1295515   2011-Dec-28   1295515   2021-Jun-21     Tr   2001-Aug-14   01203099.5   2009-Oct-14   1182396   2021-Aug-14     Tr   2001-Cet-25   01997118.3   2009-Jun-17   1337784   2021-Oct-25     Tr   2002-May-10   02734387.0   2004-Feb-11   1388276   2011-Aug-10   1388276   2022-May-30     Tr   2002-May-30   0273485.7   2010-May-05   1393599   2022-May-30     Tr   2002-Jun-21   02738518.6   2008-Dec-10   1405551   2022-Jun-21     Tr   2003-Aug-28   03791823.2   2010-Jan-13   1535495   2022-Sep-17     Tr   2003-Aug-28   03791823.2   2010-Jan-13   1535495   2023-May-09     Tr   2003-Nov-11   03778604.7   2010-Mar-03   1568255   2023-Nov-11     Tr   2003-Dec-11   03777081.5   2008-Dec-03   1576888   2023-Dec-11     Tr   2004-Nov-22   04811765.9   2010-Mar-03   1576888   2023-Dec-11     Tr   2005-Jul-14   05763182.2   2007-Apr-25   1776628   2011-Apr-28   1687692   2024-Nov-22     Tr   2005-Nov-09   05809900.3   2011-May-09   1782660   2011-Oct-12   1782660   2025-Jul-24     Tr   2005-Nov-09   05809900.3   2011-Feb-09   1815536   2025-Nov-09     Tr   2006-Nov-20   06821499.8   2007-Jun-25   1935085   2011-Jun-29   1966624   2026-Dec-13     Tr   2006-Dec-13   06842469.6   2008-Sep-10   1966624   2011-Jun-29   1966624   2026-Dec-13     Tr   2007-Jup-00   07735597.2   2009-Jan-21   2016804.4   2011-Jun-29   2016804   2027-Jup-10     Tr   2007-Jup-00   07735597.2   2009-Jan-21   2016804.4   2011-Jun-29   2								
TT         2000-Jul-14         00950360.8         2002-Jul-24         1224845         2005-Nov-02         1224845         2020-Jul-14           TT         2000-Jul-14         09160257.3         2011-Mar-02         2139299         2002-Jul-14           TT         2000-Nov-20         00980578.9         2002-Aug-28         1234140         2005-Aug-10         1234140         2020-Nov-20           TT         2001-Apr-24         07075990.7         2008-Feb-13         1887836         2012-Mar-07         1887836         2021-Apr-24           TT         2001-Apr-24         07075990.7         2008-Feb-13         1887836         2012-Mar-07         1887836         2021-Apr-24           TT         2001-Aug-14         0123099.5         2003-Mar-26         1295515         2011-Dec-28         1295515         2021-Jun-21           TZ         2001-Aug-14         0123099.5         2009-Oct-14         1182396         2021-Aug-14           TT         2001-Aug-10         02734387.0         2004-Feb-11         1388276         2011-Aug-10         1388276         2022-May-30           TZ         2002-May-30         02739485.7         2009-May-10         1393599         2022-May-30           TZ         2002-May-30         02739485.7         2010-May-10<		•						
IT         2000-Jul-14         05077467.8         2009-May-06         1624728         2020-Jul-14           IT         2000-Jul-14         09160257.3         2011-Mar-02         2139299         2020-Jul-14           IT         2000-Nov-20         00980578.9         2002-Aug-28         1234140         2001-Apr-14         1232975         2021-Apr-24           IT         2001-Apr-24         07075990.7         2008-Feb-13         1887836         2012-Mar-07         1887836         2021-Apr-24           IT         2001-Aug-14         01203099.5         2003-Mar-26         1295515         2009-Oct-14         1182396         2021-Aug-14           IT         2001-Aug-14         01203099.5         2009-Un-14         1182396         2021-Aug-14           IT         2001-Aug-14         01203099.5         2009-Un-14         1182396         2021-Aug-14           IT         2001-Aug-14         01203099.5         2009-Un-17         1337784         2011-Oct-25         01997118.3         2009-Un-17         1337784         2011-Oct-25         01997118.3         2009-Un-17         1337784         2011-Aug-10         1388276         2011-Aug-10         1388276         2021-May-10         17         2002-May-30         02739485.7         2004-He-11         1388276				2002 Iul 24	1224945			
TT				2002-Jui-2 <del>4</del>	1224043			
IT         2000-Nov-20         00980578.9         2002-Aug-28         1234140         2005-Aug-10         1234140         2020-Nov-20           IT         2001-Apr-24         03028671.0         2010-Apr-14         1422975         2021-Apr-24           IT         2001-Apr-24         07075990.7         2008-Feb-13         1887836         2012-Apr-24           IT         2001-Jun-21         01948546.5         2003-Mar-26         1295515         2011-Dec-28         1295515         2021-Jun-21           IT         2001-Aug-14         01203099.5         2009-Jun-17         133784         2012-Laug-14           IT         2001-Cet-25         01997118.3         2009-Jun-17         133784         2012-Cu-25           IT         2002-May-10         02734387.0         2004-Feb-11         1388276         2011-Aug-10         1388276         2022-May-10           IT         2002-May-30         02734885.7         2010-May-05         1393599         2022-May-10           IT         2002-May-30         02734851.6         2008-Dec-10         1405551         2022-Jun-21           IT         2002-Sep-17         02773430.0         2004-Jun-16         1428415         2012-Jul-18         1428415         2022-Sup-17           IT         <						•		
TT   2001-Apr-24   03028671.0   2008-Feb-13   1887836   2012-Mar-07   1887836   2021-Apr-24   17   2001-Apr-24   07075990.7   2008-Feb-13   1887836   2011-Dec-28   1295515   2021-Jun-21   17   2001-Aug-14   0120309.5   2003-Mar-26   1295515   2011-Dec-28   1295515   2021-Jun-21   17   2001-Aug-14   0120309.5   2009-Oct-14   1182396   2021-Aug-14   17   2001-Oct-25   01997118.3   2009-Jun-17   1337784   2021-Oct-25   17   2002-May-10   02734387.0   2004-Feb-11   1388276   2011-Aug-10   1388276   2022-May-10   17   2002-May-30   02739485.7   2010-May-05   1393599   2022-May-30   17   2002-Jun-21   02738518.6   2008-Dec-10   140551   2022-Jun-21   17   2002-Sep-17   02773430.0   2004-Jun-16   1428415   2012-Jul-18   1428415   2022-Sep-17   17   2003-May-09   03736588.9   2008-Dec-03   1502483   2023-May-09   17   2003-Aug-28   03791823.2   2010-Jan-13   1535495   2023-Aug-28   17   2003-Dec-11   0377861.5   2023-May-09   17   2003-Dec-11   0377861.5   2008-Dec-03   1576858   2023-Dec-11   17   2004-Nov-22   04811765.9   2010-Apr-28   1687692   2024-Nov-22   17   2005-Jun-23   05759404.6   2007-Apr-25   1776628   2011-Nov-30   1776628   2025-Jun-23   17   2005-Jul-14   05763182.2   2007-Apr-11   1772044-A   2005-Jul-14   05763182.2   2007-Apr-11   1772044-A   2005-Jul-14   05763182.2   2007-Apr-11   1772044-A   2005-Aug-02   05772133.4   2007-Jun-27   1800401   2012-Apr-04   1800401   2025-Oct-12   17   2006-Apr-19   06727966.1   2006-Nov-02   1878319 - A   2011-Mar-28   1935085   2026-Apr-19   17   2006-Apr-19   06725966.1   2006-Nov-02   1878319 - A   2011-Mar-28   1935085   2026-Oct-02   17   2006-Dec-13   06842469.6   2008-Sep-10   1966624   2011-Jun-29   1966624   2026-Dec-13   17   2007-Apr-20   07735597.2   2009-Jan-21   2016804   2011-Jun-29   1966624   2026-Dec-13   17   2007-Apr-20   07735597.2   2009-Jan-21   2016804   2011-Jun-29   2016804   2027-Jul-05   17   2007-Apr-20   07735597.2   2009-Jan-21   2016804   2011-Jun-29   2016804   2027-Jul-05   17   2007-Apr-20   07825886.0   2078-Sep-20   2011-Mar				2002 Aug 28	1234140			
Tr   2001-Apr-24   07075990.7   2008-Feb-13   1887836   2012-Mar-07   1887836   2021-Apr-24   Tr   2001-Jun-21   01948546.5   2003-Mar-26   1295515   2011-Dec-28   1295515   2021-Jun-21   Tr   2001-Aug-14   01203099.5   2009-Oct-14   1182396   2021-Aug-14   Tr   2001-Aug-14   01203099.5   2009-Jun-17   1337784   2021-Oct-25   10997118.3   2009-Jun-17   1337784   2021-Oct-25   Tr   2002-May-10   02734387.0   2004-Feb-11   1388276   2011-Aug-10   1388276   2022-May-10   Tr   2002-May-30   02739485.7   2010-May-05   1393599   2022-May-30   2022-May-30   2022-May-30   2023-May-30   2023-May-30   2008-Dec-10   140551   2022-Jun-21   Tr   2002-Sep-17   02773430.0   2004-Jun-16   1428415   2012-Jul-18   1428415   2022-Sep-17   2003-May-09   03736588.9   2008-Dec-03   1502483   2023-May-09   Tr   2003-Aug-28   03791823.2   2010-Mar-03   1568255   2023-Nov-11   2003-Aug-28   03791823.2   2010-Mar-03   1568255   2023-Nov-11   Tr   2003-Dec-11   03777081.5   2008-Dec-03   1576858   2023-Dec-11   2004-Nov-22   04811765.9   2010-Apr-28   1687692   2024-Nov-22   Tr   2005-Jun-23   05759404.6   2007-Apr-25   1776628   2011-Nov-30   1776628   2025-Jun-23   Tr   2005-Jul-14   05763182.2   2007-Apr-11   1772044-A   2025-Jul-14   1772044-A   2025-Jul-14   1772044-A   2025-Jul-14   1772044-A   2025-Jul-14   1772044-A   2025-Jul-14   1772045-Q   2059-Q   205772133.4   2007-May-09   1782660   2011-Nov-30   176628   2025-Nov-09   17 2006-Nov-09   0580990.3   2006-Nov-02   1878319 - A 2011-Nov-00   1878319   2026-Apr-19   17 2006-May-24   06765708.0   2008-Dec-13   1935085   2026-Nov-09   17 2006-Dec-13   06842469.6   2008-Sep-10   1966624   2011-Jun-29   1966624   2026-Dec-13   17 2007-Jul-05   07825886.0   2008-Jun-21   2016044-A   2011-Jun-29   1966624   2026-Dec-13   17 2007-Jul-05   07825886.0   2008-Jun-21   2016044-A   2011-Jun-29   2016804   2027-Jul-05   17 2007-Jul-05   07825886.0   2008-Jun-21   2016804   2011-Jun-29   2016804   2027-Jul-05   17 2007-Jul-05   07825886.0   2008-Jun-21   2016804   2011-Jun-29   2016804   20				2002-Aug-26	1234140			
Tr   2001-Jun-21   01948546.5   2003-Mar-26   1295515   2011-Dec-28   1295515   2021-Jun-21   Tr   2001-Aug-14   01203099.5   2009-Oct-14   1182396   2021-Aug-14   2009-Oct-25   01997118.3   2009-Jun-17   1337784   2021-Oct-25   Tr   2002-May-10   02734387.0   2004-Feb-11   1388276   2011-Aug-10   1388276   2022-May-10   Tr   2002-May-30   02739485.7   2010-May-05   1393599   2022-May-30   17   2002-Jun-21   02738518.6   2008-Dec-10   1405551   2022-Jun-21   2022-Sep-17   02773430.0   2004-Jun-16   1428415   2012-Jul-18   1428415   2022-Sep-17   17   2003-May-09   03736588.9   2004-Jun-16   1428415   2012-Jul-18   1428415   2022-Sep-17   17   2003-Aug-28   03791823.2   2010-Jan-13   1535495   2023-Aug-28   17   2003-Aug-28   03791823.2   2010-Jan-13   1535495   2023-Aug-28   2030-Dec-11   03777081.5   2008-Dec-03   1576858   2023-Dec-11   17   2003-Dec-11   03777081.5   2008-Dec-03   1576858   2023-Dec-11   17   2004-Nov-22   04811765.9   2010-Apr-28   1687692   2024-Nov-22   17   2005-Jun-23   05759404.6   2007-Apr-25   1776628   2011-Nov-30   1776628   2025-Jun-23   17   2005-Jul-14   05763182.2   2007-Apr-11   1772044-A   2005-Jul-14   05763182.2   2007-Apr-11   1772044-A   2005-Oct-12   0579133.4   2007-May-09   1782660   2011-Oct-12   1782660   2025-Jul-14   17   2005-Oct-12   0579133.4   2007-Jun-27   1800401   2012-Apr-04   1800401   2025-Oct-12   17   2005-Oct-12   0579133.4   2007-Jun-27   1800401   2011-Feb-09   1815536   2025-Nov-09   17   2006-Apr-19   06727966.1   2006-Nov-02   1878319 - 2011-Fob-09   1815536   2025-Nov-09   17   2006-Oct-02   06809462.2   2008-Jun-25   1935085-A   2011-Mar-28   1935085   2026-Oct-01   17   2006-Dec-13   06842409.6   2008-Sep-10   1966624   2011-Jun-29   1966624   2026-Dec-13   17   2007-Apr-20   07735597.2   2009-Jan-21   2016804-A   2011-Jun-29   1966624   2027-Jap-20   17   2007-Sep-20   07826476.9   2011-Mar-31   2015-Mar-31   2015-Mar-31   2027-Jul-05   17   2007-Sep-20   07826476.9   2011-Mar-30   2011-Mar-31   2027-Jul-05   17   2007-Sep-20   07826476.9		_		2008 Eab 13	1887836			•
Tr   2001-Aug-14   01203099.5   2009-Oct-14   1182396   2021-Aug-14   Tr   2001-Oct-25   01997118.3   2009-Jun-17   1337784   2021-Oct-25   Tr   2002-May-10   02734387.0   2004-Feb-11   1388276   2011-Aug-10   1388276   2022-May-30   1393599   2022-May-30   17   2002-May-30   02739485.7   2010-May-05   1393599   2022-May-30   17   2002-Jun-21   02738518.6   2008-Dec-10   1405551   2022-Jun-21   17   2002-Sep-17   02773430.0   2004-Jun-16   1428415   2012-Jul-18   1428415   2022-Sep-17   17   2003-May-09   03736588.9   2008-Dec-03   1502483   2023-May-09   17   2003-May-09   03736588.9   2010-Jan-13   1535495   2023-May-09   17   2003-May-09   13756604.7   2010-Jan-13   1535495   2023-May-28   17   2003-Dec-11   03777081.5   2008-Dec-03   1576858   2023-Dec-11   17   2004-Nov-22   04811765.9   2008-Dec-03   1576858   2023-Dec-11   17   2004-Nov-22   04811765.9   2007-Apr-25   1776628   2011-Nov-30   1776628   2025-Jun-23   17   2005-Jul-14   05763182.2   2007-Apr-11   1772044-A   2005-Jul-14   05763182.2   2007-Apr-11   1772044-A   2005-Oct-12   05772133.4   2007-May-09   1782660   2011-Oct-12   1782660   2025-Aug-02   17   2005-Nov-09   05809900.3   2011-Feb-09   1815536   2025-Nov-09   17   2006-Nov-09   05809900.3   2011-Feb-09   1815536   2025-Nov-09   17   2006-May-24   06765708.0   2008-Jun-25   1935085   2012-Jan-11   1954975   2026-Noy-20   17   2006-Nov-20   06821499.8   2008-Jun-25   1935085   2011-Jun-29   1966624   2026-Nov-20   17   2006-Dec-13   06842469.6   2008-Sep-10   1966624   2011-Jun-29   1966624   2027-Apr-20   17   2007-Jul-05   07825886.0   2007-Jul-07   2011-Mar-02   2074866   2027-Sep-20   17   2007-Jul-05   07825886.0   2011-Mar-02   2011-Mar-02   2074866   2027-Sep-20   2011-Mar-02   2074866   2027-Sep-20   2011-Mar-02		•						•
Tr   2001-Oct-25   01997118.3   2009-Jun-17   1337784   2021-Oct-25   Tr   2002-May-10   02734387.0   2004-Feb-11   1388276   2011-Aug-10   1388276   2022-May-10   Tr   2002-May-30   02739485.7   2010-May-05   1393599   2022-May-30   Tr   2002-Jun-21   02738518.6   2008-Dec-10   1405551   2022-Jun-21   Tr   2002-Sep-17   02773430.0   2004-Jun-16   1428415   2012-Jul-18   1428415   2022-Sep-17   Tr   2003-May-09   03736588.9   2008-Dec-03   1502483   2023-May-09   Tr   2003-Aug-28   03791823.2   2010-Jan-13   1535495   2023-Aug-28   Tr   2003-Nov-11   03758604.7   2010-Mar-03   1568255   2023-Nov-11   Tr   2003-Dec-11   03777081.5   2008-Dec-03   1576858   2023-Dec-11   Tr   2004-Nov-22   04811765.9   2010-Apr-28   1687692   2024-Nov-22   Tr   2005-Jun-23   05759404.6   2007-Apr-25   1776628   2011-Nov-30   1776628   2025-Jun-23   Tr   2005-Jul-14   05763182.2   2007-Apr-11   1772044-A   2025-Jul-14   Tr   2005-Oct-12   05791339.4   2007-Jun-27   1800401   2012-Apr-04   1800401   2025-Oct-12   Tr   2005-Nov-09   05809900.3   2011-Feb-09   1815536   2025-Nov-09   Tr   2006-Apr-19   06727966.1   2006-Nov-02   1878319 - A   2011-Nov-02   1878319   2026-Apr-19   Tr   2006-Oct-02   06809462.2   2008-Jun-25   1935085-A   2012-Jan-11   1954975   2026-Nov-20   Tr   2006-Oct-02   06809462.2   2008-Jun-25   1935085-A   2012-Jan-11   1954975   2026-Nov-20   Tr   2006-Oct-02   06809462.2   2008-Jun-25   1935085-A   2012-Jan-11   1954975   2026-Nov-20   Tr   2006-Oct-01   06832203.1   2010-Sep-29   1963735   2026-Oct-02   Tr   2006-Dec-13   06842469.6   2008-Sep-10   1966624   2011-Jun-29   1966624   2027-Apr-20   Tr   2007-Jul-05   07825886.0   2010-Mar-31   20511-Mar-02   2074866   2027-Sep-20   Tr   2007-Jul-05   07825886.0   2011-Mar-02   2011-Mar-02   2074866   2027-Sep-20   2011-Mar-02   2011-Mar-				2003-11141-20	1275515			
TT   2002-May-10   02734387.0   2004-Feb-11   1388276   2011-Aug-10   1388276   2022-May-10     TT   2002-May-30   0273485.7   2010-May-05   1393599   2022-May-30     TT   2002-Jun-21   02738518.6   2008-Dec-10   1405551   2022-Jun-21     TT   2002-Sep-17   02773430.0   2004-Jun-16   1428415   2012-Jul-18   1428415   2022-Sep-17     TT   2003-May-09   03736588.9   2008-Dec-03   1502483   2023-May-09     TT   2003-Aug-28   03791823.2   2010-Jan-13   1535495   2023-Aug-28     TT   2003-Nov-11   03758604.7   2010-Mar-03   1568255   2023-Nov-11     TT   2003-Dec-11   03777081.5   2008-Dec-03   1576585   2023-Nov-11     TT   2004-Nov-22   04811765.9   2010-Apr-28   1687692   2024-Nov-22     TT   2005-Jun-23   05759404.6   2007-Apr-25   1776628   2011-Nov-30   1776628   2025-Jun-23     TT   2005-Jul-14   05763182.2   2007-Apr-11   1772044-A   2025-Jul-14     TT   2005-Aug-02   05772133.4   2007-May-09   1782660   2011-Oct-12   1782660   2025-Aug-02     TT   2005-Oct-12   05791339,4   2007-Jun-27   1800401   2012-Apr-04   1800401   2025-Oct-12     TT   2005-Nov-09   0580990.3   2011-Feb-09   1815536   2025-Nov-09     TT   2006-Apr-19   06727966.1   2006-Nov-02   1878319 - A   2011-Nov-02   1878319   2026-Apr-19     TT   2006-May-24   06765708.0   2009-Mar-18   1889519   2026-May-24     TT   2006-Nov-20   0680462.2   2008-Jun-25   1935085-A   2012-Jan-11   1954975   2026-May-24     TT   2006-Nov-20   06821499.8   2012-Jan-11   1954975   2026-Nov-20     TT   2006-Dec-13   06842469.6   2008-Sep-10   1966624   2011-Jun-29   2016804   2027-Jul-05     TT   2007-Jul-05   07825886.0   2010-Mar-31   2052181   2027-Jul-05     TT   2007-Sep-20   07826476.9   2011-Mar-02   2074866   2027-Sep-20								
IT         2002-May-30         02739485.7         2010-May-05         1393599         2022-May-30           IT         2002-Jun-21         02738518.6         2008-Dec-10         1405551         2022-Jun-21           IT         2002-Sep-17         0273430.0         2004-Jun-16         1428415         2012-Jul-18         1428415         2022-Sep-17           IT         2003-May-09         03736588.9         2008-Dec-03         1502483         2023-May-09           IT         2003-Aug-28         03791823.2         2010-Jan-13         1535495         2023-May-09           IT         2003-Nov-11         03758604.7         2010-Mar-03         1568255         2023-Nov-11           IT         2003-Dec-11         03777081.5         2008-Dec-03         1576858         2023-Nov-11           IT         2004-Nov-22         04811765.9         2010-Apr-28         1687692         2024-Nov-22           IT         2005-Jun-23         05759404.6         2007-Apr-25         1776628         2011-Nov-30         176628         2025-Jun-13           IT         2005-Jul-14         05763182.2         2007-Apr-11         1772044-A         2025-Jul-14         17         2005-Jul-14         17         2005-Jul-14         17         2005-Jul-14         <				2004-Feb-11	1388276			
Tr   2002-Jun-21   02738518.6   2008-Dec-10   1405551   2022-Jun-21   Tr   2002-Sep-17   02773430.0   2004-Jun-16   1428415   2012-Jul-18   1428415   2022-Sep-17   Tr   2003-May-09   03736588.9   2008-Dec-03   1502483   2023-May-09   Tr   2003-Aug-28   03791823.2   2010-Jan-13   1535495   2023-Aug-28   Tr   2003-Nov-11   03758604.7   2010-Mar-03   1568255   2023-Nov-11   Tr   2003-Dec-11   03777081.5   2008-Dec-03   1576858   2023-Dec-11   Tr   2004-Nov-22   04811765.9   2010-Apr-28   1687692   2024-Nov-22   Tr   2005-Jul-14   05763182.2   2007-Apr-11   1772044-A   2005-Aug-02   05772133.4   2007-May-09   1782660   2011-Oct-12   1782660   2025-Jun-23   Tr   2005-Oct-12   05791339.4   2007-Jun-27   1800401   2012-Apr-04   1800401   2025-Oct-12   Tr   2006-Apr-19   06727966.1   2006-Nov-02   1878319 - A   2011-Nov-02   1878319   2026-Apr-19   Tr   2006-May-24   06765708.0   2008-Jun-25   1935085-A   2012-Jan-11   1954975   2026-Nov-20   Tr   2006-Dec-11   06832203.1   2008-Sep-10   196624   2011-Jun-29   1966624   2026-Dec-13   Tr   2007-Jul-05   07825886.0   2009-Jan-21   2016-Mar-31   2052-Sep-20   2074866   2027-Sep-20   2074866   2027-Sep-20   2011-Mar-02   2011				2004-1 00-11	1300270			
Tr   2002-Sep-17   02773430.0   2004-Jun-16   1428415   2012-Jul-18   1428415   2022-Sep-17   Tr   2003-May-09   03736588.9   2008-Dec-03   1502483   2023-May-09   1502483   2023-May-09   17 2003-Aug-28   03791823.2   2010-Jan-13   1535495   2023-Aug-28   17 2003-Dec-11   03758604.7   2010-Mar-03   1568255   2023-Nov-11   17 2003-Dec-11   03777081.5   2008-Dec-03   1576858   2023-Dec-11   17 2004-Nov-22   04811765.9   2010-Apr-28   1687692   2024-Nov-22   17 2005-Jun-23   05759404.6   2007-Apr-25   1776628   2011-Nov-30   1776628   2025-Jun-23   17 2005-Jul-14   05763182.2   2007-Apr-11   1772044-A   2025-Jul-14   17 2005-Aug-02   05772133.4   2007-May-09   1782660   2011-Oct-12   1782660   2025-Aug-02   17 2005-Nov-09   05809900.3   2011-Feb-09   1815536   2025-Nov-09   17 2006-Apr-19   06727966.1   2006-Nov-02   1878319 - A 2011-Nov-02   1878319   2026-Apr-19   17 2006-May-24   06765708.0   2009-Mar-18   1889519   2026-May-24   17 2006-Nov-20   0680462.2   2008-Jun-25   1935085-A   2012-Jan-11   1954975   2026-Nov-20   17 2006-Dec-11   06832203.1   2010-Sep-29   1963735   2026-Dec-13   17 2006-Dec-13   06842469.6   2008-Sep-10   1966624   2011-Jun-29   2016804   2027-Apr-20   17 2007-Apr-20   07735597.2   2009-Jan-21   2016804-A   2011-Jun-29   2016804   2027-Apr-20   17 2007-Sep-20   07825886.0   2010-Mar-31   2052181   2027-Jul-05   17 2007-Sep-20   07826476.9   2011-Mar-02   2074866   2027-Sep-20   2011-Mar-02   2074866   2027-Sep-20   2027-Sep-20   2011-Mar-02   2011-		•				· ·		
Tr   2003-May-09   03736588.9   2008-Dec-03   1502483   2023-May-09   Tr   2003-Aug-28   03791823.2   2010-Jan-13   1535495   2023-Aug-28   Tr   2003-Nov-11   03758604.7   2010-Mar-03   1568255   2023-Nov-11   Tr   2003-Dec-11   03777081.5   2008-Dec-03   1576858   2023-Dec-11   Tr   2004-Nov-22   04811765.9   2010-Apr-28   1687692   2024-Nov-22   Tr   2005-Jun-23   05759404.6   2007-Apr-25   1776628   2011-Nov-30   1776628   2025-Jun-23   Tr   2005-Jul-14   05763182.2   2007-Apr-11   1772044-A   2005-Aug-02   05772133.4   2007-May-09   1782660   2011-Oct-12   1782660   2025-Aug-02   Tr   2005-Oct-12   05791339.4   2007-Jun-27   1800401   2012-Apr-04   1800401   2025-Oct-12   Tr   2005-Nov-09   05809900.3   2011-Feb-09   1815536   2025-Nov-09   Tr   2006-Apr-19   06727966.1   2006-Nov-02   1878319 - A   2011-Nov-02   1878319   2026-Apr-19   Tr   2006-May-24   06765708.0   2009-Mar-18   1889519   2026-May-24   Tr   2006-Oct-02   06809462.2   2008-Jun-25   1935085-A   2012-Mar-28   1935085   2026-Oct-02   Tr   2006-Dec-11   06832203.1   2010-Sep-29   1963735   2026-Dec-11   Tr   2006-Dec-13   06842469.6   2008-Sep-10   1966624   2011-Jun-29   1966624   2026-Dec-13   Tr   2007-Apr-20   07735597.2   2009-Jan-21   2016804-A   2011-Jun-29   2016804   2027-Apr-20   Tr   2007-Jul-05   07825886.0   2010-Mar-31   2052181   2027-Jul-05   2007-Sep-20   07826476.9   2011-Mar-02   2074866   2027-Sep-20   2007-Sep-20				2004-Jun-16	1428415			
Tr   2003-Aug-28   03791823.2   2010-Jan-13   1535495   2023-Aug-28   Tr   2003-Nov-11   03758604.7   2010-Mar-03   1568255   2023-Nov-11   Tr   2003-Dec-11   03777081.5   2008-Dec-03   1576858   2023-Dec-11   Tr   2004-Nov-22   04811765.9   2010-Apr-28   1687692   2024-Nov-22   Tr   2005-Jun-23   05759404.6   2007-Apr-25   1776628   2011-Nov-30   1776628   2025-Jun-23   2025-Jun-23   2025-Jun-23   2025-Jun-24   2005-Jul-14   05763182.2   2007-Apr-11   1772044-A   2025-Jul-14   2005-Aug-02   05772133.4   2007-May-09   1782660   2011-Oct-12   1782660   2025-Aug-02   2025-Jun-27   2005-Nov-09   05809900.3   2011-Feb-09   1815536   2025-Nov-09   2011-Feb-09   2011-Fe		•		200.001110	1120113			•
Tr   2003-Nov-11   03758604.7   2010-Mar-03   1568255   2023-Nov-11   Tr   2003-Dec-11   03777081.5   2008-Dec-03   1576858   2023-Dec-11   Tr   2004-Nov-22   04811765.9   2010-Apr-28   1687692   2024-Nov-22   Tr   2005-Jun-23   05759404.6   2007-Apr-25   1776628   2011-Nov-30   1776628   2025-Jun-23   Tr   2005-Jul-14   05763182.2   2007-Apr-11   1772044-A   2025-Jul-14   Tr   2005-Aug-02   05772133.4   2007-May-09   1782660   2011-Oct-12   1782660   2025-Aug-02   Tr   2005-Oct-12   05791339.4   2007-Jun-27   1800401   2012-Apr-04   1800401   2025-Oct-12   Tr   2005-Nov-09   05809900.3   2011-Feb-09   1815536   2025-Nov-09   Tr   2006-Apr-19   06727966.1   2006-Nov-02   1878319 -A   2011-Nov-02   1878319   2026-Apr-19   Tr   2006-May-24   06765708.0   2009-Mar-18   1889519   2026-May-24   Tr   2006-Oct-02   06809462.2   2008-Jun-25   1935085-A   2012-Mar-28   1935085   2026-Nov-20   Tr   2006-Nov-20   06821499.8   2012-Jan-11   1954975   2026-Nov-20   Tr   2006-Dec-11   06832203.1   2010-Sep-29   1963735   2026-Nov-20   Tr   2006-Dec-13   06842469.6   2008-Sep-10   1966624   2011-Jun-29   1966624   2026-Dec-13   Tr   2007-Apr-20   07735597.2   2009-Jan-21   2016804-A   2011-Jun-29   2016804   2027-Apr-20   Tr   2007-Jul-05   07825886.0   2010-Mar-31   2052181   2027-Jul-05   Tr   2007-Sep-20   07826476.9   2011-Mar-02   2074866   2027-Sep-20   2011-Mar-02   2011-Mar-02   2074866   2027-Sep-20   2011-Mar-02   2011-Mar-02   2074866   2027-Sep-20   2011-Mar-02   2011-Mar-02   2074866   2027-Sep-20   2011-Mar-02								
Tr   2003-Dec-11   03777081.5   2008-Dec-03   1576858   2023-Dec-11     Tr   2004-Nov-22   04811765.9   2010-Apr-28   1687692   2024-Nov-22     Tr   2005-Jun-23   05759404.6   2007-Apr-25   1776628   2011-Nov-30   1776628   2025-Jun-23     Tr   2005-Jul-14   05763182.2   2007-Apr-11   1772044-A   2025-Jul-14     Tr   2005-Aug-02   05772133.4   2007-May-09   1782660   2011-Oct-12   1782660   2025-Aug-02     Tr   2005-Oct-12   05791339.4   2007-Jun-27   1800401   2012-Apr-04   1800401   2025-Oct-12     Tr   2005-Nov-09   05809900.3   2011-Feb-09   1815536   2025-Nov-09     Tr   2006-Apr-19   06727966.1   2006-Nov-02   1878319 -A   2011-Nov-02   1878319   2026-Apr-19     Tr   2006-May-24   06765708.0   2009-Mar-28   1935085   2026-May-24     Tr   2006-Oct-02   06809462.2   2008-Jun-25   1935085-A   2012-Jan-11   1954975   2026-May-24     Tr   2006-Dec-11   06832203.1   2010-Sep-29   1963735   2026-Dec-11     Tr   2006-Dec-13   06842469.6   2008-Sep-10   1966624   2011-Jun-29   1966624   2026-Dec-13     Tr   2007-Jul-05   07825886.0   2010-Mar-31   2052181   2027-Jul-05     Tr   2007-Sep-20   07826476.9   2011-Mar-02   2074866   2027-Sep-20								-
Tr   2004-Nov-22   04811765.9   2010-Apr-28   1687692   2024-Nov-22   1								
IT         2005-Jun-23         05759404.6         2007-Apr-25         1776628         2011-Nov-30         1776628         2025-Jun-23           IT         2005-Jul-14         05763182.2         2007-Apr-11         1772044-A         2025-Jul-14           IT         2005-Aug-02         05772133.4         2007-May-09         1782660         2011-Oct-12         1782660         2025-Aug-02           IT         2005-Oct-12         05791339.4         2007-Jun-27         1800401         2012-Apr-04         1800401         2025-Oct-12           IT         2005-Nov-09         05809900.3         2011-Feb-09         1815536         2025-Nov-09           IT         2006-Apr-19         06727966.1         2006-Nov-02         1878319 -A         2011-Nov-02         1878319         2026-Apr-19           IT         2006-May-24         06765708.0         2009-Mar-18         1889519         2026-May-24           IT         2006-Oct-02         06809462.2         2008-Jun-25         1935085-A         2012-Mar-28         1935085         2026-Oct-02           IT         2006-Nov-20         06821499.8         2012-Jan-11         1954975         2026-Nov-20           IT         2006-Dec-11         06832203.1         2010-Sep-29         1963735         2026								
IT         2005-Jul-14         05763182.2         2007-Apr-11         1772044-A         2025-Jul-14           IT         2005-Aug-02         05772133.4         2007-May-09         1782660         2011-Oct-12         1782660         2025-Aug-02           IT         2005-Oct-12         05791339.4         2007-Jun-27         1800401         2012-Apr-04         1800401         2025-Oct-12           IT         2005-Nov-09         05809900.3         2011-Feb-09         1815536         2025-Nov-09           IT         2006-Apr-19         06727966.1         2006-Nov-02         1878319 - A         2011-Nov-02         1878319         2026-Apr-19           IT         2006-May-24         06765708.0         2009-Mar-18         1889519         2026-May-24           IT         2006-Oct-02         06809462.2         2008-Jun-25         1935085-A         2012-Mar-28         1935085         2026-Oct-02           IT         2006-Nov-20         06831499.8         2012-Jan-11         1954975         2026-Nov-20           IT         2006-Dec-11         06832203.1         2010-Sep-29         1963735         2026-Dec-11           IT         2007-Apr-20         07735597.2         2009-Jan-21         2016804-A         2011-Jun-29         2016804         2				2007-Apr-25	1776628	•		
IT         2005-Aug-02         05772133.4         2007-May-09         1782660         2011-Oct-12         1782660         2025-Aug-02           IT         2005-Oct-12         05791339.4         2007-Jun-27         1800401         2012-Apr-04         1800401         2025-Oct-12           IT         2005-Nov-09         05809900.3         2011-Feb-09         1815536         2025-Nov-09           IT         2006-Apr-19         06727966.1         2006-Nov-02         1878319 -A         2011-Nov-02         1878319         2026-Apr-19           IT         2006-May-24         06765708.0         2009-Mar-18         1889519         2026-May-24           IT         2006-Oct-02         06809462.2         2008-Jun-25         1935085-A         2012-Mar-28         1935085         2026-Oct-02           IT         2006-Nov-20         06821499.8         2012-Jan-11         1954975         2026-Nov-20           IT         2006-Dec-11         06832203.1         2010-Sep-29         1963735         2026-Dec-11           IT         2006-Dec-13         06842469.6         2008-Sep-10         1966624         2011-Jun-29         1966624         2026-Dec-13           IT         2007-Jul-05         07825886.0         2010-Mar-31         2052181         2027-J								
IT         2005-Oct-12         05791339.4         2007-Jun-27         1800401         2012-Apr-04         1800401         2025-Oct-12           IT         2005-Nov-09         05809900.3         2011-Feb-09         1815536         2025-Nov-09           IT         2006-Apr-19         06727966.1         2006-Nov-02         1878319 -A         2011-Nov-02         1878319         2026-Apr-19           IT         2006-May-24         06765708.0         2009-Mar-18         1889519         2026-May-24           IT         2006-Oct-02         06809462.2         2008-Jun-25         1935085-A         2012-Mar-28         1935085         2026-Oct-02           IT         2006-Nov-20         06821499.8         2012-Jan-11         1954975         2026-Nov-20           IT         2006-Dec-11         06832203.1         2010-Sep-29         1963735         2026-Dec-11           IT         2006-Dec-13         06842469.6         2008-Sep-10         1966624         2011-Jun-29         1966624         2026-Dec-13           IT         2007-Jul-05         07825886.0         2016-Mar-31         2052181         2027-Jul-05           IT         2007-Sep-20         07826476.9         2011-Mar-02         2074866         2027-Sep-20						2011-Oct-12	1782660	
IT       2005-Nov-09       05809900.3       2011-Feb-09       1815536       2025-Nov-09         IT       2006-Apr-19       06727966.1       2006-Nov-02       1878319 -A       2011-Nov-02       1878319       2026-Apr-19         IT       2006-May-24       06765708.0       2009-Mar-18       1889519       2026-May-24         IT       2006-Oct-02       06809462.2       2008-Jun-25       1935085-A       2012-Mar-28       1935085       2026-Oct-02         IT       2006-Nov-20       06821499.8       2012-Jan-11       1954975       2026-Nov-20         IT       2006-Dec-11       06832203.1       2010-Sep-29       1963735       2026-Dec-11         IT       2006-Dec-13       06842469.6       2008-Sep-10       1966624       2011-Jun-29       1966624       2026-Dec-13         IT       2007-Apr-20       07735597.2       2009-Jan-21       2016804-A       2011-Jun-29       2016804       2027-Apr-20         IT       2007-Jul-05       07825886.0       2010-Mar-31       2052181       2027-Jul-05         IT       2007-Sep-20       07826476.9       2011-Mar-02       2014866       2027-Sep-20		-						-
IT       2006-May-24       06765708.0       2009-Mar-18       1889519       2026-May-24         IT       2006-Oct-02       06809462.2       2008-Jun-25       1935085-A       2012-Mar-28       1935085       2026-Oct-02         IT       2006-Nov-20       06821499.8       2012-Jan-11       1954975       2026-Nov-20         IT       2006-Dec-11       06832203.1       2010-Sep-29       1963735       2026-Dec-11         IT       2006-Dec-13       06842469.6       2008-Sep-10       1966624       2011-Jun-29       1966624       2026-Dec-13         IT       2007-Apr-20       07735597.2       2009-Jan-21       2016804-A       2011-Jun-29       2016804       2027-Apr-20         IT       2007-Jul-05       07825886.0       2010-Mar-31       2052181       2027-Jul-05         IT       2007-Sep-20       07826476.9       2011-Mar-02       2074866       2027-Sep-20		2005-Nov-09	05809900.3					
IT       2006-May-24       06765708.0       2009-Mar-18       1889519       2026-May-24         IT       2006-Oct-02       06809462.2       2008-Jun-25       1935085-A       2012-Mar-28       1935085       2026-Oct-02         IT       2006-Nov-20       06821499.8       2012-Jan-11       1954975       2026-Nov-20         IT       2006-Dec-11       06832203.1       2010-Sep-29       1963735       2026-Dec-11         IT       2006-Dec-13       06842469.6       2008-Sep-10       1966624       2011-Jun-29       1966624       2026-Dec-13         IT       2007-Apr-20       07735597.2       2009-Jan-21       2016804-A       2011-Jun-29       2016804       2027-Apr-20         IT       2007-Jul-05       07825886.0       2010-Mar-31       2052181       2027-Jul-05         IT       2007-Sep-20       07826476.9       2011-Mar-02       2074866       2027-Sep-20				2006-Nov-02	1878319 -A			
IT       2006-Oct-02       06809462.2       2008-Jun-25       1935085-A       2012-Mar-28       1935085       2026-Oct-02         IT       2006-Nov-20       06821499.8       2012-Jan-11       1954975       2026-Nov-20         IT       2006-Dec-11       06832203.1       2010-Sep-29       1963735       2026-Dec-11         IT       2006-Dec-13       06842469.6       2008-Sep-10       1966624       2011-Jun-29       1966624       2026-Dec-13         IT       2007-Apr-20       07735597.2       2009-Jan-21       2016804-A       2011-Jun-29       2016804       2027-Apr-20         IT       2007-Jul-05       07825886.0       2010-Mar-31       2052181       2027-Jul-05         IT       2007-Sep-20       07826476.9       2011-Mar-02       2074866       2027-Sep-20								
IT       2006-Nov-20       06821499.8       2012-Jan-11       1954975       2026-Nov-20         IT       2006-Dec-11       06832203.1       2010-Sep-29       1963735       2026-Dec-11         IT       2006-Dec-13       06842469.6       2008-Sep-10       1966624       2011-Jun-29       1966624       2026-Dec-13         IT       2007-Apr-20       07735597.2       2009-Jan-21       2016804-A       2011-Jun-29       2016804       2027-Apr-20         IT       2007-Jul-05       07825886.0       2010-Mar-31       2052181       2027-Jul-05         IT       2007-Sep-20       07826476.9       2011-Mar-02       2074866       2027-Sep-20				2008-Jun-25	1935085-A			
IT       2006-Dec-11       06832203.1       2010-Sep-29       1963735       2026-Dec-11         IT       2006-Dec-13       06842469.6       2008-Sep-10       1966624       2011-Jun-29       1966624       2026-Dec-13         IT       2007-Apr-20       07735597.2       2009-Jan-21       2016804-A       2011-Jun-29       2016804       2027-Apr-20         IT       2007-Jul-05       07825886.0       2010-Mar-31       2052181       2027-Jul-05         IT       2007-Sep-20       07826476.9       2011-Mar-02       2074866       2027-Sep-20								
IT       2006-Dec-13       06842469.6       2008-Sep-10       1966624       2011-Jun-29       1966624       2026-Dec-13         IT       2007-Apr-20       07735597.2       2009-Jan-21       2016804-A       2011-Jun-29       2016804       2027-Apr-20         IT       2007-Jul-05       07825886.0       2010-Mar-31       2052181       2027-Jul-05         IT       2007-Sep-20       07826476.9       2011-Mar-02       2074866       2027-Sep-20			06832203.1					
IT       2007-Jul-05       07825886.0       2010-Mar-31       2052181       2027-Jul-05         IT       2007-Sep-20       07826476.9       2011-Mar-02       2074866       2027-Sep-20			06842469.6	2008-Sep-10	1966624			2026-Dec-13
IT       2007-Jul-05       07825886.0       2010-Mar-31       2052181       2027-Jul-05         IT       2007-Sep-20       07826476.9       2011-Mar-02       2074866       2027-Sep-20			07735597.2	•	2016804-A		2016804	
•			07825886.0			2010-Mar-31	2052181	2027-Jul-05
IT 2007-Nov-06 07826984.2 2010-Jul-28 2082620 2027-Nov-06		•						•
	IT	2007-Nov-06	07826984.2			2010-Jul-28	2082620	2027-Nov-06

СТҮ	Fil.Date	Application No.	Pub. Data	Publication No.	Grant Date	Grant No.	Expiry Date
IT	2007-Nov-09	07840007.4			2010-Jul-14	2082621	2027-Nov-09
IT	2007-Nov-27	07862228.9			2011-Mar-02	2089656	2027-Nov-27
IT	2007-Dec-07	07849372.3	2009-Sep-23	2103190-A	2011 1:141 02	200,000	2027-Dec-07
IT	2008-Mar-31	08737675.2	2010-Jan-13	2143303-A	2012-Aug-08	2143303	2028-Mar-31
IT	2008-Apr-04	08737714.9			2010-Oct-06	2135005	2028-Apr-04
IT	2008-May-09	08763076.0	2010-Feb-24	2156279-A	2011-Dec-21	2156279	2028-May-09
IT	2008-Jun-23	08763422.6	2010-Mar-17	2163132-A			2028-Jun-23
IT	2008-Aug-14	08789608.0			2011-Apr-27	2181565	2028-Aug-14
IT	2008-Dec-02	08857778.8	2010-Sep-29	2232951-A	2011-Jul-06	2232951	_
IT	2008-Dec-29	08870459.8	2010-Sep-22	2229803-A	2011-Oct-26	2229803	2028-Dec-29
JP	1997-Aug-08	98-512405	2007-Mar-14	P3892909	2006-Dec-15	3892909	2017-Aug-08
JP	1997-Sep-08	98-518128	2000-Feb-29	00-502500	2007-Nov-16	4040688	2017-Sep-08
JP	1998-Jan-22	98-529200	2000-Jun-06	00-507042	2007-Sep-21	4014227	2018-Jan-22
JP	1998-Jul-16	99-510709	2001-Jan-30	01-501361	2008-Jul-25	4159119	2018-Jul-16
JP	1998-Jul-16	99-510708	2001-Jan-30	01-501360	2009-Feb-20	4260226	2018-Jul-16
JP	1998-Jul-27	99-510721	2001-Jan-30	01-501363	2009-Jan-09	4240546	2018-Jul-27
JP	1998-Jul-28	2000-505424	2004 7 00	04.006050	2000 5 42	1000006	2018-Jul-28
JP	1998-Aug-26	2003-028908	2004-Jan-08	04-006253	2008-Dec-12	4230236	2018-Aug-26
JP	1998-Dec-17	00-539392	2004-Apr-15	04-511878	2011-Apr-08	4718008	2018-Dec-17
JP JP	1998-Dec-17	2007-186183 09-051067	2008-Feb-14	08-034385	2010-Feb-05	4451899	2018-Dec-17
JP	1998-Dec-17 1998-Dec-17	2011-86460					2018-Dec-17 2018-Dec-17
JP	1998-Dec-17 1999-Sep-08	00-572611	2002-Aug-13	02-525836	2009-Sep-18	4376464	2019-Sep-08
JP	1999-Sep-08 1999-Sep-17	2000-572951	2002-Aug-13 2003-Oct-07	03-529889	2009-Sep-18 2009-Aug-28	4370404	2019-Sep-08 2019-Sep-17
JP	1999-Dec-02	08-75819	2008-Aug-28	2008-198618	2010-Dec-10	4642870	2019-Sep-17 2019-Dec-02
JP	1999-Dec-02	00-589914	2003-Aug-28 2002-Oct-08	02-533870	2008-Jun-27	4147004	2019-Dec-02
JP	2000-Jul-14	2001-510276	2002-Get-08 2003-Feb-04	03-504829	2008-Dec-12	4230145	2020-Jul-14
JP	2000-Jul-28	01-515660	2003-Feb-18	03-506838	2000 Dec 12	1230113	2020-Jul-28
JP	2000-Sep-15	01-527610	2003-Mar-18	03-511006	2010-Apr-30	4502353	2020-Sep-15
JP	2000-Oct-10	01-534928	2003-Apr-08	03-513453	2012-Jan-20	4908709	2020-Oct-10
JP	2000-Oct-12	01-534929	2003-Apr-08	03-513420	2011-Apr-28	4731079	2020-Oct-12
JP	2000-Oct-12	01-534931	2003-Apr-08	03-513454	2012-Jan-20	4908710	2020-Oct-12
JP	2000-Nov-17	11-041957					2020-Nov-17
JP	2000-Nov-17	01-542388	2003-May-07	03-515956			2020-Nov-17
JP	2001-Jan-08	01-557340	2003-Jul-22	03-522393	2011-Apr-28	4731085	2021-Jan-08
JP	2001-Apr-24	2001-578157	2003-Oct-21	2003-531467			2021-Apr-24
JP	2001-Apr-24	11-093193					2021-Apr-24
JP	2001-Jun-21	2002-504188	2004-Jan-15	04-501497	2011-Jul-01	4773673	2021-Jun-21
JP	2001-Aug-20	01-248530	2002-Apr-26	02-124104	2011-May-27	4749623	2021-Aug-20
JP	2001-Sep-05	02-526803	2004-Mar-25	04-509431	2011-May-27	4749653	2021-Sep-05
JP	2001-Nov-09	02-543265	2004-May-13	04-514252	2009-Apr-17	4294954	2021-Nov-09
JP	2001-Dec-03	02-549030	2004-May-27	04-515891	2008-Apr-25	4116435	2021-Dec-03
JP	2001-Dec-12	02-553873	2004-Jun-10	04-517445	2008-Mar-14	4094952	2021-Dec-12
JP	2001-Dec-12	02-553872	2004-Jun-10	04-517444	2009-Feb-20	4263484	2021-Dec-12
JP	2002-Feb-28 2002-Mar-14	02-570478 02-573484	2004-Aug-19 2004-Jul-02	04-525563 04-519826	2008-Jun-20	4141840	2022-Feb-28
JP JP	2002-Mar-14 2002-Apr-25	02-573484	2004-Jul-02 2004-Sep-16	04-528566	2008-Apr-25 2008-Jan-18	4117196 4067973	2022-Mar-14 2022-Apr-25
JP	2002-Apr-23 2002-May-10	2002-588729	2004-Sep-10 2005-Apr-07	05-509245	2008-Jan-18 2008-Oct-31	4208576	2022-Apr-23 2022-May-10
JP	2002-May-10 2002-May-24	02-592686	2003-Apr-07 2004-Sep-02	04-527138	2011-Jan-07	4657579	2022-Way-10 2022-May-24
JP	2002-May-24 2002-May-30	2007-320844	2008-Apr-03	2008-78162	2010-Mar-12	4474457	2022-May-24 2022-May-30
JP	2002-May-30	2003-501242	2005-Apr-14	05-510007	2009-Jul-31	4351040	2022-May-30
JP	2002-Jun-05	2003-502812	2004-Nov-11	04-534355	2008-Aug-22	4173091	2022-Jun-05
JP	2002-Jul-18	03-514856	2004-Dec-02	04-536433	2008-Jun-13	4139326	2022-Jul-18
JP	2002-Jul-29	03-527366	2005-Jan-27	05-502869	2008-Mar-21	4098237	2022-Jul-29
JP	2002-Aug-09	03-521671	2005-Jan-06	05-500680	2009-Aug-21	4360903	2022-Aug-09
JP	2002-Sep-17	2003-529819	2005-Feb-10	05-504411	2010-May-28	4518793	2022-Sep-17
JP	2002-Sep-17	09-29980					2022-Sep-17
JP	2002-Sep-30	03-535510	2005-Feb-24	05-505940-A	2009-May-29	4317751	2022-Sep-30
JP	2002-Oct-16	03-539396	2005-Mar-17	05-507546	2008-Jul-11	4152885	2022-Oct-16
JP	2002-Nov-15	03-550561	2005-Apr-28	2005-512334	2009-Aug-07	4353804	2022-Nov-15
JP	2002-Nov-29	03-553881	2005-May-12	05-513724	2008-Oct-10	4198599	2022-Nov-29
JP	2002-Dec-09	03-557260	2005-May-12	2005-513754	2011-Jan-28	4672259	2022-Dec-09
JP	2002-Dec-20	03-557257	2005-May-12	05-513819	2010-Dec-10	4642355	2022-Dec-20
JP	2003-Feb-06	03-568937	2005-Jun-16	05-518102	2010-Nov-26	4633363	2023-Feb-06
JP	2003-Feb-06	2003-567137	2005-Jun-09	05-517278	2010-Dec-24	4652691	2023-Feb-06
JP	2003-May-09	04-504577	2005-Aug-18	05-524960	2009-Jul-24	4347794	2023-May-09
JP	2003-Jun-12	04-515363	2005-Oct-13	05-531140	2010-Jul-30	4558484	2023-Jun-12

CTY	Fil.Date	Application No.	Pub. Data	Publication No.	Grant Date	Grant No.	Expiry Date
JP	2003-Aug-28	2004-531526	2005-Dec-08	05-537613	2010-Nov-12	4625697	2023-Aug-28
JP	2003-Oct-10	2003-351532	2004-Apr-30	2004-134804	2011-Mar-25	4707315	2023-Oct-10
JP	2003-Dec-03	03-404464	2004-Jul-02	04-186159	2010-Sep-17	4588994	2023-Dec-03
JP	2003-Dec-11	2004-561862	2006-Mar-30	2006-511082			2023-Dec-11
JP	2003-Dec-11	04-561838	2006-Mar-30	06-511078	2012-Jan-13	4901104	2023-Dec-11
JP	2003-Dec-12	04-561856	2006-Mar-30	06-511081	2011-Sep-09	4818610	2023-Dec-12
JP	2003-Dec-18	2004-563472	2006-Apr-13	2006-512883	2010-Mar-19	4477509	2023-Dec-18
JP	2004-Apr-22	2006-506559	2006-Nov-09	2006-525664	2012-Mar-30	4959324	2024-Apr-22
JP	2004-Apr-22	10-249882					2024-Apr-22
JP	2004-Apr-22	2006-506560	2006-Nov-09	2006-525634	2012.14 20	1050225	2024-Apr-22
JP	2004-Apr-30	2006-506595	2006-Nov-09	2006-525665	2012-Mar-30	4959325	2024-Apr-30
JP JP	2004-Jul-21 2004-Sep-07	2006-520640 06-525258	2006-Dec-14 2007-Mar-08	2006-528419 2007-505448	2011-Feb-18	4685016	2024-Jul-21 2024-Sep-07
JP	2004-Sep-07 2004-Sep-21	06-527545	2007-Mar-22	2007-507069	2011-Feb-18 2011-Jan-14	4663644	2024-Sep-07 2024-Sep-21
JP	2004-Sep-21 2004-Nov-05	06-539036	2007-May-10	2007-511903	2011-Jan-14	4003044	2024-Sep-21 2024-Nov-05
JP	2004-Nov-03 2004-Dec-09	04-382425	2005-Aug-18	05-224094	2011-Jul-08	4778226	2024-Nov-03 2024-Dec-09
JP	2005-Mar-14	07-504024	2007-Oct-25	07-529872	2011 341 00	1770220	2025-Mar-14
JP	2005-Mar-14	11-088313		0, 02,0,2			2025-Mar-14
JP	2005-Mar-23	07-507874	2007-Nov-15	07-533092	2011-Jul-29	4792459	2025-Mar-23
JP	2005-Apr-27	07-512612	2007-Dec-13	2007-536720	2011-Apr-15	4722126	2025-Apr-27
JP	2005-May-02	07-512634	2007-Dec-13	07-536722	Ť		2025-May-02
JP	2005-Jun-23	07-518425	2008-Feb-14	08-504654	2011-Jul-15	4782785	2025-Jun-23
JP	2005-Jun-28	07-518790	2008-Feb-21	08-505439	2011-Jul-29	4790710	2025-Jun-28
JP	2005-Jul-14	07-522092	2008-Mar-13	08-507817			2025-Jul-14
JP	2005-Sep-19	07-534125	2000 35 15	2000 71 55==	2012-Feb-24	4931819	2025-Sep-19
JP	2005-Sep-20	07-534133	2008-May-15	2008-516377	2011-May-27	4751397	2025-Sep-20
JP	2005-Oct-26	07-538580					2025-Oct-26
JP JP	2005-Nov-09	07-542385					2025-Nov-09
JP	2005-Nov-24 2005-Dec-02	07-542477 2007-546202					2025-Nov-24
JP	2005-Dec-02 2006-Jan-18	07-550928	2008-Jul-24	2008-527667			2026-Jan-18
JP	2006-Apr-19	08-508358	2000-Jui-2-	2000-321001			2026-Apr-19
JP	2006-May-08	08-554218					2026-May-08
JP	2006-May-10	08-512970			2011-Aug-26	4808250	2026-May-10
JP	2006-May-23	2008-513654			Ţ.		2026-May-23
JP	2006-May-23	2012-020810					
JP	2006-May-24	08-513004					2026-May-24
JP	2006-Sep-25	2012-151758					
JP	2006-Sep-25	08-531873	2009-Jun-04	2009-521777-A			2026-Sep-25
JP	2006-Oct-02	08-534125	2009-Mar-19	09-512264	2012-Apr-13	4971338	2026-Oct-02
JP	2006-Nov-13	08-540755	2000 4 22	2000 516005			2026-Nov-13
JP JP	2006-Nov-20 2006-Dec-06	08-540774 08-545175	2009-Apr-23 2009-May-14	2009-516895 09-519489			2026-Nov-20 2026-Dec-06
JP	2006-Dec-06 2006-Dec-11	08-543993	2009-May-14	09-319469			2026-Dec-06 2026-Dec-11
JP	2006-Dec-11 2006-Dec-13	08-546734					2026-Dec-11 2026-Dec-13
JP	2006-Dec-19	08-546051	2009-May-21	02520331-A			2026-Dec-19
JP	2007-Jan-10	08-550883					2027-Jan-10
JP	2007-Jan-26	08-551939	2009-Jul-09	09525595-A			2027-Jan-26
JP	2007-Mar-02	08-558950					2027-Mar-02
JP	2007-Mar-02	2008-557867					2027-Mar-02
JP	2007-Apr-20	2009-508558	2009-Oct-01	2009-535833A			2027-Apr-20
JP	2007-May-02	2009-508612	2009-Oct-01	2009-536779A			2027-May-02
JP	2007-Jun-19	2009-517512	2000 5 02	2000 542200			2027-Jun-19
JP	2007-Jun-20	2009-517521	2009-Dec-03	2009-543280			2027-Jun-20
JP	2007-Jun-21	09-516049	2009-Nov-26	2009-541929			2027-Jun-21
JP JP	2007-Jul-05 2007-Aug-09	09-523375 09-544826					2027-Jul-05 2027-Aug-09
JP	2007-Aug-09 2007-Aug-17	09-524056					2027-Aug-09 2027-Aug-17
JP	2007-Aug-17 2007-Aug-22	09-524853					2027-Aug-17 2027-Aug-22
JP	2007-Aug-22 2007-Sep-03	09-527254					2027-Aug-22 2027-Sep-03
JP	2007-Sep-18	09-529809					2027-Sep-18
JP	2007-Sep-20	09-530979					2027-Sep-20
JP	2007-Sep-20	09-530978					2027-Sep-20
JP	2007-Sep-20	09-530977					2027-Sep-20
JP	2007-Sep-20	09-528563					2027-Sep-20
JP	2007-Oct-11	09-531966					2027-Oct-11
JP	2007-Oct-19	09-533388					2027-Oct-19

CTY	Fil.Date	Application No.	Pub. Data	Publication No.	Grant Date	Grant No.	Expiry Date
JP	2007-Oct-31	09-533629				-	2027-Oct-31
JP	2007-Nov-06	09-535848					2027-Nov-06
JP	2007-Nov-09	09-536318					2027-Nov-09
JP	2007-Nov-27	09-538825					2027-Nov-27
JP	2007-Nov-27	09-538417					2027-Nov-27
JP	2007-Dec-05	09-540909					2027-Dec-05
JP	2007-Dec-07	09-539865					2027-Dec-07
JP	2007-Dec-11	09-539580					2027-Dec-11
JP	2007-Dec-11	09-539581					2027-Dec-11
JP	2007-Dec-12	09-540561					2027-Dec-12
JP	2008-Mar-31	10-501631					2028-Mar-31
JP	2008-Apr-04	10-501646					2028-Apr-04
JP	2008-Apr-15	10-503645					2028-Apr-15
JP	2008-Apr-21	10-504932					2028-Apr-21
JP	2008-Apr-23	10-504945					2028-Apr-23
JP	2008-Apr-28	10-504964					2028-Apr-28
JP	2008-Apr-30	2010-507530					2028-Apr-30
JP	2008-May-02	2010-507545					2028-May-02
JP JP	2008-May-09	10-508013 10-510926			2011-Oct-28	4850969	2028-May-09
JP	2008-May-30 2008-Jun-09	10-511758			2011-001-28	4630909	2028-May-30 2028-Jun-09
JP	2008-Jun-23	10-511738					2028-Jun-23
JP	2008-Jun-30	10-514203					2028-Jun-30
JP	2008-Jul-21	10-517525					2028-Jul-21
JP	2008-Aug-14	10-520668					2028-Aug-14
JP	2008-Nov-24	10-535490					2028-Nov-24
JP	2008-Dec-02	10-536566					2028-Dec-02
JP	2008-Dec-02	10-536567					2028-Dec-02
JP	2008-Dec-16	10-539006					2028-Dec-16
JP	2008-Dec-22	2010-539035					2028-Dec-22
JP	2008-Dec-29	2010-540211					2028-Dec-29
KR	1998-Jan-22	98-707511	2000-Nov-06	10-2000-0064753	2005-Feb-03	0471705	2018-Jan-22
KR	1999-Sep-08	10-2000-7005688			2007-Nov-08	10-0776837	2019-Sep-08
KR	1999-Sep-17	10-2000-7005691			2007-Mar-26	10-0702273	2019-Sep-17
KR	2001-Jan-08	2001-7012370			2007-Jun-28	10-0735943	2021-Jan-08
KR	2001-Dec-12	10-2002-7011159			2008-Feb-13	10-0805396	2021-Dec-12
KR	2002-Mar-19	10-2002-7016146			2008-May-26	10-0834185	2022-Mar-19
KR	2002-Apr-25	10-2003-7000231			2008-Oct-17	10-0865222	2022-Apr-25
KR	2002-May-14	10-2002-7006159			2007-Dec-14	10-0788062	2021-Sep-05
	2002-Jun-07 2002-Jun-21	10-2003-7001707			2008-May-19 2009-Jul-24	10-0832161	2022-Jun-07
	2002-Jul-21 2002-Jul-23	10-2003-7002792 10-2003-7004098			2009-Jul-24 2009-Sep-01	10-0910128 10-0916178	2022-Jun-21 2022-Jul-23
	2002-Jui-23 2002-Nov-29	10-2003-7004098			2011-Jan-24	10-1011662	2022-Jui-23 2022-Nov-29
	2002-Nov-29 2002-Dec-20	10-2004-7009711			2010-Apr-28	10-0956305	2022-Nov-29 2022-Dec-20
	2002-Bee-20 2003-Feb-06	10-2004-7010172			2010-May-25	10-0960825	2022-Bee-20 2023-Feb-06
KR	2003-Jun-12	10-2004-7012490			2010-Jun-21	10-0966514	2023-Jun-12
	2003-Jun-12 2003-Dec-03	10-2003-0087088			2010-Nov-11	10-0994952	2023-Jun-12 2023-Dec-03
	2003-Dec-11	10-2005-7011572			2010-Sep-08	10-0982167	2023-Dec-11
	2003-Dec-11	10-2005-7011369			2010-Aug-19	10-0978019	2023-Dec-11
	2003-Dec-18	10-2011-7011987					-
	2003-Dec-18	10-2005-7011977					2023-Dec-18
	2003-Dec-18	10-2005-7011980			2011-Mar-21	10-1025176	2023-Dec-18
KR	2004-Apr-30	10-2005-7020971					2024-Apr-30
	2004-Nov-05	10-2006-7009277					2024-Nov-05
KR	2004-Dec-09	10-2004-103566			2011-Nov-07	10-1083083	2024-Dec-09
KR		10-2006-7021272					2025-Mar-14
	2005-Apr-27	10-2006-7025486					2025-Apr-27
	2005-May-02	10-2006-7025609					2025-May-02
	2005-Sep-19	10-2007-7009712			2012-May-11	10-1147342	2025-Sep-19
KR	2005-Nov-24	10-2007-7014805					2025-Nov-24
	2006-Apr-19	10-2007-7027589					2026-Apr-19
KR		10-2008-7022053					2026-May-08
	2006-May-10	10-2007-7030185					2026-May-10
	2006-May-23	10-2007-7029980					2026-May-23
KR	2006-May-24	10-2007-7030347					2026-May-24
KR KR	2006-Sep-25 2006-Nov-20	10-2008-7010046					2026-Sep-25 2026-Nov-20
XX	2000-INOV-20	10-2008-7015070					2020-NOV-20

CTY	Fil.Date	Application No.	Pub. Data	Publication No.	Grant Date	Grant No.	Expiry Date
KR	2006-Dec-06	10-2008-7017076					2026-Dec-06
KR	2006-Dec-11	10-2008-7016877					2026-Dec-11
KR	2006-Dec-20	10-2008-7016959					2026-Dec-20
KR	2007-Jan-10	10-2008-7020167					2027-Jan-10
KR	2007-Jan-26	10-2008-7021117					2027-Jan-26
KR	2007-Apr-20	10-2008-7029364					2027-Apr-20
KR	2007-May-02	10-2008-7030125					2027-May-02
KR	2007-Jun-20	10-2009-7002014					2027-Jun-20
KR	2007-Jun-21	10-2009-7001463					2027-Jun-21
KR	2007-Aug-09	10-2009-7016344					2027-Aug-09
KR	2007-Aug-17	10-2009-7005417					2027-Aug-17
KR	2007-Aug-22	10-2009-7005632					2027-Aug-22
KR	2007-Sep-20	10-2009-7009232					2027-Sep-20
KR	2007-Sep-20	10-2009-7009353					2027-Sep-20
KR	2007-Sep-20	10-2009-7009080					2027-Sep-20
KR	2007-Sep-20	10-2009-7007947					2027-Sep-20
KR	2007-Oct-11	10-2009-7010027					2027-Oct-11
KR	2007-Oct-19	10-2009-7010127					2027-Oct-19 2027-Oct-31
KR KR	2007-Oct-31 2007-Nov-09	10-2009-7011106 10-2009-7011892					2027-Oct-31 2027-Nov-09
KR	2007-Nov-27	10-2009-7011892					2027-Nov-09 2027-Nov-27
KR		10-2009-7013310					2027-Nov-27 2027-Dec-11
	2007-Dec-11	10-2009-7014433					2027-Dec-11 2027-Dec-11
KR	2007-Dec-11	10-2009-7014-503					2027-Dec-11 2027-Dec-12
KR	2008-Apr-15	10-2009-7014303					2028-Apr-15
KR	2008-Apr-23	10-2009-7024700					2028-Apr-23
KR	2008-Apr-28	10-2009-7025193					2028-Apr-28
KR	2008-May-02	10-2009-7025447					2028-May-02
KR	2008-May-09	10-2009-7026170					2028-May-09
KR	2008-Jul-21	10-2010-7003857					2028-Jul-21
KR	2008-Dec-02	10-2010-7015021					2028-Dec-02
KR	2008-Dec-02	10-2010-7014991					2028-Dec-02
KR	2008-Dec-22	10-2010-7016494					2028-Dec-22
	2008-Dec-29	10-2010-7017189					2028-Dec-29
	2007-Sep-20	A/2009/003541			2011-Aug-04	288977	2027-Sep-20
	2007-Oct-11	2009/003898			2012-May-21	299363	2027-Oct-11
	2007-Oct-31	MX/A/09/004521			2011-Apr-04	285403	2027-Oct-30
	2007-Nov-27	MX/A/09/005600			2011 1 17	200227	2027-Nov-27
	2007-Dec-07	2009/005915			2011-Aug-15	289327	2027-Dec-07
	2009-Mar-18	2009/002916			2011-Apr-04	285404	2029-Mar-18
	2002-Jun-28	PI20022452			2007-Aug-30	MY-131472-A	2022-Aug-30
	2006-May-23 1998-Jan-22	PI20062381 98900141.7	1999-Jan-13	0890059-A1	2004-Jun-23	0890059	2018-Jan-22
	1999-Sep-03	99943116.6	1999-Jan-13	0090039-A1	2004-Juli-23 2003-Nov-05	1110198	2019-Sep-03
NL	1999-Sep-17	99948820.8			2008-Jan-16	1046196	2019-Sep-03
	2000-Jul-14	00950360.8	2002-Jul-24	1224845	2005-Nov-02	1224845	2020-Jul-14
	2000-Jul-14	05077467.8	2002 (41 2 )	122.0.0	2009-May-06	1624728	2020-Jul-14
	2000-Nov-20	00980578.9	2002-Aug-28	1234140	2005-Aug-10	1234140	2020-Nov-20
NL	2001-Apr-24	03028671.0			2010-Apr-14	1422975	2021-Apr-24
NL	2001-Apr-24	07075990.7	2008-Feb-13	1887836	2012-Mar-07	1887836	2021-Apr-24
NL	2001-Aug-14	01203099.5			2009-Oct-14	1182396	2021-Aug-14
NL	2001-Oct-25	01997118.3			2009-Jun-17	1337784	2021-Oct-25
NL	2002-Jun-21	02738518.6			2008-Dec-10	1405551	2022-Jun-21
NL	2003-May-09	03736588.9			2008-Dec-03	1502483	2023-May-09
NL		03791823.2			2010-Jan-13	1535495	2023-Aug-28
	2005-Nov-09	05809900.3			2011-Feb-09	1815536	2025-Nov-09
NL	•	06765708.0	2000 2 12	100000	2009-Mar-18	1889519	2026-May-24
NL	2006-Dec-13	06842469.6	2008-Sep-10	1966624	2011-Jun-29	1966624	2026-Dec-13
NL	2007-Apr-20	07735597.2	2009-Jan-21	2016804-A	2011-Jun-29	2016804	2027-Apr-20
NL	2007-Sep-20	07826476.9			2011-Mar-02	2074866	2027-Sep-20
NL	2007-Nov-06	07826984.2			2010-Jul-28	2082620	2027-Nov-06
NL	2007-Nov-27	07862228.9			2011-Mar-02	2089656	2027-Nov-27
NL NL	2008-Apr-04 2008-Dec-02	08737714.9 08857778.8	2010-Sep-29	2232951-A	2010-Oct-06 2011-Jul-06	2135005 2232951	2028-Apr-04 2028-Dec-02
	2008-Dec-02 2007-Jun-19	20090389	2010-Sep-29	4434931 <b>-A</b>	2011-JUI-UU	4434931	2028-Dec-02 2027-Jun-01
NO	2007-Juli-19 2008-Dec-02	08857778.8	2010-Sep-29	2232951-A	2011-Jul-06	2232951	2027-Juli-01 2028-Dec-02
PL	2005-Nov-09	05809900.3	2010 Ocp-29	2232731-A	2011-5ul-00 2011-Feb-09	1815536	2025-Nov-09
	222 2101 07	5200770010			2000)	1010000	

CTY	Fil.Date	Application No.	Pub. Data	Publication No.	Grant Date	Grant No.	Expiry Date
PL	2006-May-24	06765708.0			2009-Mar-18	1889519	2026-May-24
PL	2006-Dec-13	06842469.6	2008-Sep-10	1966624	2011-Jun-29	1966624	2026-Dec-13
PL	2007-Nov-27	07862228.9	2000 S <b>o</b> p 10	1,0002.	2011-Mar-02	2089656	2027-Nov-27
PL	2008-Mar-31	08737675.2	2010-Jan-13	2143303-A	2012-Aug-08	2143303	2028-Mar-31
PL	2008-Dec-02	08857778.8	2010-Sep-29	2232951-A	2011-Jul-06	2232951	2028-Dec-02
PT	2001-Apr-24	03028671.0	•		2010-Apr-14	1422975	2021-Apr-24
PT	2001-Apr-24	07075990.7	2008-Feb-13	1887836	2012-Mar-07	1887836	2021-Apr-24
PT	2002-Jun-21	02738518.6	2009-Mar-12	20090312	2008-Dec-10	1405551	2022-Jun-21
PT	2003-May-09	03736588.9			2008-Dec-03	1502483	2023-May-09
RU	2006-Nov-13	2008124163	2009-Dec-27	2008124163-A	2011-Aug-20	2426939	2026-Nov-13
RU	2006-Dec-20	2008129778	2010-Jan-27	2008129778-A	2011-Aug-20	2427109	2026-Dec-20
RU	2007-Mar-02	2008139417	2010-Apr-20	NO. 11	2011-Aug-27	2427954	2027-Mar-02
RU	2007-Apr-20	2008147407	2010-Jun-10	2008147407	2011-May-27	2420043	2027-Apr-20
RU	2007-Aug-09	2009129947	2011-Feb-10	2009129947			2027-Aug-09
RU	2007-Aug-17	2009109424	2010-Oct-27	2009109424-A	2012-Apr-27	2449212	2027-Aug-17
RU	2007-Aug-22	2009110170	2010-Sep-27	27	2011 D 20	2427104	2027-Aug-22
RU	2007-Sep-18	2009115864	2011-Nov-10	2009115864A	2011-Dec-20	2437184	2027-Sep-18
RU RU	2007-Sep-20	2009117249	2010 Nov. 20	NO 22	2011-Apr-10	2416179	2027-Sep-20
RU	2007-Sep-20 2007-Sep-20	2009117251 2009117223	2010-Nov-20 2010-Nov-20	NO.32 2009117223-A	2011-Aug-27 2011-Sep-10	2427983 2428822	2027-Sep-20
RU	2007-Sep-20 2007-Sep-20	2009117223	2010-Nov-20 2010-Oct-27	2009117223-A 2009114716-A	2011-Sep-10 2012-Apr-10	2447624	2027-Sep-20 2027-Sep-20
RU	2007-Sep-20 2007-Oct-19	2009114710	2010-OCI-21	2009114/10-A	2012-Api-10	2447024	2027-Sep-20 2027-Oct-19
RU	2007-Oct-31	2009120477	2010-Dec-10	NO.34			2027-Oct-31
RU	2007-Nov-09	2009122178	2010-Dec-20	2009122178-A			2027-Nov-09
RU	2007-Nov-27	2009124921	2011-Jan-10	2009124921			2027-Nov-27
RU	2007-Nov-27	2009124435	2011-Jan-10	2009124435-A	2012-Mar-27	2446348	2027-Nov-27
RU	2007-Dec-11	2009126539	2011-Jan-20	2009126539			2027-Dec-11
RU	2007-Dec-11	2009126538	2011-Jan-20	2009126538-A	2012-Jun-10	2453078	2027-Dec-11
RU	2007-Dec-12	2009126568	2011-Aug-25	2009126568-A			2027-Dec-12
RU	2008-Mar-31	2009140317	2011-May-10	2009140317-A			2028-Mar-31
RU	2008-Apr-04	2009140774	2011-May-10	2009140774			2028-Apr-04
RU	2008-Apr-30	2009145107	2011-Jun-20	2009145107-A			2028-Apr-30
RU	2008-May-02	2009145081	2011-Jun-20	2009145081-A			2028-May-02
RU	2008-Dec-02	2010128104	2012-Jan-20	2010128104 A			2028-Dec-02
RU	2008-Dec-02	2010128098	2012-Jan-20	2010128098-A			2028-Dec-02
RU	2008-Dec-16	2010129425	2012-Jan-27	2010129425-A			2028-Dec-16
RU	2008-Dec-22	2010130662	2012-Jan-27	2010130662-A			2028-Dec-22
RU	2008-Dec-29	201032148	2012-Feb-10	2010132148 A	2002 4 07	1016062	2028-Dec-29
SE SE	1998-Aug-26	98944539.0 03028671.0			2002-Aug-07	1016062	2018-Aug-26
SE	2001-Apr-24 2001-Apr-24	07075990.7	2008-Feb-13	1887836	2010-Apr-14 2012-Mar-07	1422975 1887836	2021-Apr-24 2021-Apr-24
SE	2001-Apr-24 2001-Oct-25	01997118.3	2008-1760-13	1007030	2009-Jun-17	1337784	2021-Apr-24 2021-Oct-25
SE	2002-Jun-21	02738518.6			2008-Dec-10	1405551	2021-0ct-23 2022-Jun-21
SE	2003-May-09	03736588.9			2008-Dec-03	1502483	2023-May-09
SE	2003-Aug-28	03791823.2			2010-Jan-13	1535495	2023-Aug-28
SE	2005-Jul-14	05763182.2	2007-Apr-11	1772044-A	2010 0411 10	1000 170	2025-Jul-14
SE	2006-May-24	06765708.0	r		2009-Mar-18	1889519	2026-May-24
SE	2007-Nov-27	07862228.9			2011-Mar-02	2089656	2027-Nov-27
SE	2008-Apr-04	08737714.9			2010-Oct-06	2135005	2028-Apr-04
SE	2008-Dec-02	08857778.8	2010-Sep-29	2232951-A	2011-Jul-06	2232951	2028-Dec-02
TR	2001-Apr-24	03028671.0	_		2010-Apr-14	1422975	2021-Apr-24
TR	2001-Apr-24	07075990.7	2008-Feb-13	1887836	2012-Mar-07	TR 2012 05504 T4	2021-Apr-24
TR	2003-May-09	03736588.9			2008-Dec-03	2009/01179	2023-May-09
TR	2007-Dec-07	07849372.3	2009-Sep-23	2103190-A			2027-Dec-07
TR	2008-Mar-31	08737675.2	2010-Jan-13	2143303-A	2012-Aug-08	2143303	2028-Mar-31
TR	2008-Jun-23	08763422.6	2010-Mar-17	2163132-A	2011 7 1 0	ED 0011 00510 E	2028-Jun-23
TR	2008-Dec-02	08857778.8	2010-Sep-29	2232951-A	2011-Jul-06	TR 2011 09543 T4	2028-Dec-02
	1997-Jun-26	86108962	1998-Apr-21	330233	1998-Aug-01	093750	2017-Jun-25
	1997-Oct-28	86115967	2000-Mar-11	384583	2000-Mar-11	112395	2017-Oct-27
TW	2000-Oct-12	089217682	2002-Oct-01	505352	2003-Feb-11	UM-194837	2012-Oct-11
TW	2001-Mar-07	090105228	2006-Dec-21	I-269514	2006-Dec-21	I-269514	2021-Mar-06
TW	2001-Nov-02 2002-Jan-28	090127304 091101387	2002-Dec-01 2003-Jun-01	512548 535455	2003-Apr-03	NI-167363 NI-178628	2021-Nov-01 2022-Jan-27
TW	2002-Jan-28 2002-Mar-25	091101387	2003-Jun-01 2007-Oct-21	I288910	2003-Sep-22 2007-Oct-21	I288910	2022-Jan-27 2022-Mar-24
TW	2002-Wai-23 2002-Jun-18	091103724	2007-Oct-21 2003-Oct-11	557587	2007-Oct-21 2004-Feb-05	187949	2022-Jun-17
TW	2002-Sep-05	091113240	2005-Get-11 2005-Feb-11	I227778	2004-Feb-03 2005-Feb-11	I227778	2022-Sep-04
	2002-Scp-03 2002-Oct-02	091120293	2005-Jan-01	1226208	2005-Jan-01	I226208	2022-Oct-01
		, .,					

17 August 2012

CTY	Fil.Date	Application No.	Pub. Data	Publication No.	Grant Date	Grant No.	Expiry Date
TW	2002-Oct-14	091116352	2007-Nov-01	I289339	2007-Nov-01	I289339	2022-Oct-13
TW	2002-Dec-20	091136808	2003-Sep-01	I284002	2007-Jul-11	1284002	2022-Dec-19
TW	2003-Feb-11	092102751	2003-Sep-01	I279764	2007-Apr-21	I279764	2023-Feb-10
TW	2003-Oct-09	092128124	2004-Sep-01	200416643-A	2012-Feb-21	I358688	2023-Oct-09
TW	2003-Dec-16	092135551	2004-Dec-16	200428896			2023-Dec-16
TW	2003-Dec-17	092135784	2004-Nov-01	200423433	2011-Jun-11	I343658	2023-Dec-17
TW	2003-Dec-23	092136559	2004-Nov-01	200423021			2023-Dec-23
TW	2004-May-04	093112540	2005-Feb-16	200507300	2011-Sep-21	I349376	2024-May-04
TW	2004-May-05	093112693	2005-Feb-01	200505059			2024-May-05
TW	2004-Sep-06	093126823	2005-Apr-16	I329724	2010-Sep-01	I329724	2024-Sep-06
TW	2004-Nov-10	093134369	2005-Jul-01	200521954	2012 1 01	1265500	2024-Nov-10
TW	2004-Dec-09	093138177	2005-Dec-16	200541197-A	2012-Jun-01	I365589	2024-Dec-09
TW TW	2005-Sep-26 2005-Nov-15	094133269	2006-Jun-01	200617322-A	2011-Aug-21	I347421	2025-Sep-26
TW	2005-Nov-15 2005-Nov-25	094140158 094141604	2007-Feb-01 2006-Sep-16	200701514 200633593-A			2025-Nov-15 2025-Nov-25
TW	2005-Nov-25 2006-Apr-25	095114717	2000-Sep-10 2007-Jan-16	200033393-A 200704282-A			2025-Nov-25 2026-Apr-25
TW	2006-May-22	095118135	2007-Feb-01	200704262-A			2026-May-22
TW	2006-May-22	095118163	2007-Jan-16	20073206			2026-May-22
TW	2006-Sep-22	095135135	2007-Dec-16	200745482-A			2026-Sep-22
TW	2006-Nov-21	095143025	2008-Jan-16	200804917-A			2026-Nov-21
TW	2006-Dec-08	095146251	2007-Aug-16	200730768-A			2026-Dec-08
TW	2006-Dec-12	095146499	2007-Oct-01	200735930-A			2026-Dec-12
TW	2007-Jan-16	096101623	2007-Dec-16	200746901-A			2027-Jan-16
TW	2007-Jan-29	096103240	2008-Jan-01	200803618-A			2027-Jan-29
TW	2007-Apr-27	096115127	2008-Jan-01	200803605-A			2027-Apr-27
TW	2007-Jun-22	096122541	2008-Feb-16	200810610-A			2027-Jun-22
TW	2007-Jul-04	096124329	2008-Jun-01	200824499-A			2027-Jul-04
TW	2007-Aug-06	096128882	2008-Aug-16	200834137A			2027-Aug-06
TW	2007-Sep-26	096135772	2008-Jun-01	200823438			2027-Sep-26
TW TW	2007-Oct-03 2007-Oct-03	096137104 096137124	2008-Sep-01	200836585-A			2027-Oct-03
TW	2007-Oct-03 2007-Oct-03	096137124	2008-Sep-16 2008-Nov-16	200838351-A 200845807*A			2027-Oct-03 2027-Oct-03
TW	2007-Oct-03 2007-Nov-07	096142100	2008-Nov-10 2008-Sep-01	200836586-A			2027-Oct-03 2027-Nov-07
TW	2007-Dec-05	096146364	2008-Oct-16	200841767-A			2027-Nov-07 2027-Dec-05
TW	2008-Apr-24	097115122	2009-Mar-16	200913786-A			2028-Apr-24
TW	2008-Apr-30	097116009	2009-Mar-16	200913780-A			2028-Apr-30
TW	2008-May-13	097117601	2009-Feb-01	200905543-A			2028-May-13
TW	2008-Jun-24	097123569	2009-May-01	200920172-A			2028-Jun-24
TW	2008-Jun-30	097124610	2009-May-16	200922370-A			2028-Jun-30
TW	2008-Jul-21	097127685	2009-Apr-16	200916687-A			2028-Jul-21
TW	2008-Nov-27	097146017	2009-Jul-16	200932037-A			2028-Nov-27
US	1996-Sep-03	08/707274			1999-Jun-01	5909429	2016-Sep-03
US	1997-Aug-26	08/920156			2000-Jan-18	6016038	2017-Aug-26
US	1997-Oct-14	08/943310			1999-Sep-07	5947587	2017-Oct-14
US	1998-Jan-23	09/012319			2001-Jun-26	6250774	2018-Jan-23
US US	1998-Jul-28	09/493119 09/128147			2004-Sep-28 2000-Jan-11	6796680 6013988	2018-Jul-28 2018-Aug-03
US	1998-Aug-03 1998-Aug-03	09/128147			2000-Jall-11 2000-Jul-25	6094014	2018-Aug-03 2018-Aug-03
US	1998-Aug-03	09/213537			2000-3u1-23 2001-Sep-18	6292901	2017-Aug-26
US	1998-Dec-17	09/213189			2002-Oct-01	6459919	2017-Aug-26
US	1998-Dec-17	09/213659			2001-Apr-03	6211626	2017-Aug-26
US	1998-Dec-17	09/215624			2003-Mar-04	6528954	2017-Aug-26
US	1998-Dec-17	09/213548			2000-Dec-26	6166496	2018-Dec-17
US	1998-Dec-17	09/213581			2006-May-02	7038398	2017-Aug-26
US	1998-Dec-17	09/213540	2001-Oct-11	2001-0028227-A1	2004-Apr-13	6720745	2017-Aug-26
US	1998-Dec-18	09/216262			2000-Oct-03	6127783	2018-Dec-18
US	1999-Jun-15	09/333739	2003-Apr-24	2003-0076281-A1	2008-Apr-01	7352339	2017-Dec-25
US	1999-Jun-29	09/342828			2000-Nov-14	6147458	2019-Jun-29
US	1999-Aug-10	09/371374			2002-Jan-22	6340864	2019-Aug-10
US	1999-Sep-03	09/786457			2004-Jan-13	6676284	2019-Sep-03
US	1999-Sep-15	09/396561			2001-May-22	6234645	2019-Sep-15
US US	1999-Sep-24 1999-Sep-24	09/406284 09/856806			2001-May-22 2003-Aug-26	6234648 6609813	2019-Sep-24 2019-Nov-24
US	1999-Sep-27	09/406648			2003-Aug-20 2000-Dec-05	6157093	2019-Nov-24 2019-Sep-27
US	1999-Scp-27 1999-Oct-22	09/425770			2000-Dec-03 2000-Nov-21	6150774	2017-Aug-26
US	1999-Nov-01	09/431583			2001-Jun-19	6249088	2017-Nug-20 2019-Nov-01
US	1999-Nov-01	09/431585			2001-Mar-13	6201353	2019-Nov-01

CTY	Fil.Date	Application No.	Pub. Data	Publication No.	Grant Date	Grant No.	Expiry Date
US	1999-Nov-01	09/431584			2001-Feb-27	6194839	2019-Nov-01
US	1999-Dec-02	09/453420			2003-Feb-04	6513949	2019-Dec-02
US	2000-Jul-06	09/610717			2001-Oct-16	6304464	2020-Jul-06
US	2000-Jul-14	09/616214			2006-Nov-21	7139617	2023-Jan-05
US	2000-Jul-27	09/626905			2002-Jan-22	6340868	2017-Aug-26
US	2000-Sep-15	09/663050			2002-Sep-03	6445139	2018-Dec-18
US	2000-Sep-25	09/669121			2004-Oct-19	6806659	2017-Aug-26
US	2000-Nov-15	09/713185			2003-Jan-14	6507158	2021-Feb-18
US	2000-Nov-20	09/716819			2006-Mar-21	7014336	2020-Nov-20
US	2000-Dec-07	09/732197			2002-Aug-27	6441558	2020-Dec-07
US	2000-Dec-27	09/749154			2002-Dec-17	6495964	2019-Feb-05
US	2000-Dec-27	09/749170			2002-Jun-25	6411046	2020-Dec-27
US	2001-Jan-31	09/773159	2002 0 12	2002 0426020 44	2003-Jun-17	6580309	2021-Jan-31
US	2001-Mar-08	09/802104	2002-Sep-12	2002-0126020-A1	2004-Dec-14	6831569	2022-Jul-10
US	2001-Mar-13	09/805368	2002-Apr-25	2002-0048169 A1	2007-Mar-06	7186003	2018-May-04
US	2001-Mar-13	09/805590	2002-Jun-13	2002-0070688-A1	2006-Jun-20	7064498	2017-Aug-26
US	2001-Mar-16	09/810142	2002-Oct-10	2002-0145041-A1	2003-Jan-28	6510995	2021-Mar-16
US US	2001-Mar-19 2001-Mar-22	09/811984 09/815418	2002-Apr-25	2002-0047646-A1	2002-May-07 2003-Jun-10	6384545 6577080	2021-Mar-19
US	2001-Mar-29	09/813418	2002-Apr-23 2002-Nov-21	2002-0047040-A1 2002-0171373-A1	2003-Jun-10 2003-Jan-14	6507159	2017-Aug-26 2021-Jun-21
US	2001-May-08	09/820317	2002-Nov-21 2003-Jan-16	2003-0011832-A1	2006-Jan-31	6992803	2023-Sep-27
US	2001-May-05 2001-May-25	09/865895	2002-Nov-28	2002-0176262-A1	2003-Jun-10	6577512	2023-Scp-27 2021-May-25
US	2001-May-20 2001-May-30	09/870418	2002-Jun-20	2002-0176202-111 2002-0078221-A1	2008-Apr-01	7353071	2023-Jul-10
US	2001-May-30	09/870193	2002-Apr-25	2002-0047628-A1	2003-Aug-19	6608453	2017-Aug-26
US	2001-Jun-07	09/876661	2003-Feb-13	2003-0030808-A1	2004-May-25	6741351	2021-Jun-07
US	2001-Jun-21	09/886958	2002-Mar-28	2002-0038157-A1	2007-Jun-05	7228190	2023-Nov-08
US	2001-Jul-02	09/897329	2003-Jan-02	2003-0001521-A1	2003-Oct-28	6639368	2021-Jul-12
US	2001-Jul-26	09/917294	2002-Apr-18	2002-0044066-A1	2006-Apr-18	7031920	2019-Sep-22
US	2001-Jul-26	09/915700	2003-Jan-30	2003-0020415-A1	2003-Sep-09	6617795	2021-Jul-26
US	2001-Aug-03	09/922211	2003-Feb-06	2003-0025120-A1	2003-Sep-16	6621235	2022-Jan-01
US	2001-Aug-15	09/930735	2003-Feb-20	2003-0034742-A1	2004-May-11	6734639	2021-Aug-16
US	2001-Aug-20	09/933557	2002-Apr-18	2002-0044456-A1	2003-May-13	6561690	2021-Aug-20
US	2001-Sep-06	09/948209	2002-Apr-25	2002-0048177-A1	2003-Oct-21	6636003	2021-Sep-06
US	2001-Oct-04	09/971367	2002-May-16	2002-0057061-A1	2004-Sep-07	6788011	2017-Aug-26
US	2001-Oct-05	09/972111	2003-Apr-10	2003-0066945-A1	2003-Jul-22	6596977	2021-Nov-29
US	2001-Oct-22	10/083329	2003-Apr-24	2003-0076056-A1	2003-Oct-07	6630801	2021-Oct-22
US	2001-Oct-25	10/045629	2002-Nov-21	2002-0171378-A1	2005-Nov-22	6967448	2022-Nov-22
US	2001-Dec-05	10/012000	2003-Jun-05	2003-0102819-A1	2003-Jul-01	6586890	2021-Dec-05
US	2001-Dec-19	10/024737	2002 1 26	2002 0117501 11	2003-Apr-22	6552495	2021-Dec-19
US	2001-Dec-21	10/028140	2003-Jun-26	2003-0117591-A1	2005-Aug-23	6932477	2021-Dec-21
US	2001-Dec-27	10/029831	2003-Jul-03	2003-0122507-A1	2004-Apr-20	6724159 6853150	2021-Dec-27
US US	2001-Dec-28 2002-Feb-19	10/037490 10/078221	2003-Jul-03 2002-Oct-10	2003-0122502-A1 2002-0145394-A1	2005-Feb-08 2007-Jan-09	7161556	2021-Dec-28 2022-Oct-28
US	2002-Neb-19 2002-May-10	10/078221	2002-Oct-10 2002-Dec-26	2002-0145394-A1 2002-0195975-A1	2007-Jan-09 2004-Oct-05	6801003	2017-Aug-26
US	2002-May-10 2002-May-30	10/159593	2002-Bec-20 2003-Jan-16	2003-0011538-A1	2007-May-22	7221104	2017-Aug-20 2019-May-28
US	2002-May-30	10/158579	2003-Mar-27	2003-0057886-A1	2004-Aug-17	6777891	2017-Aug-28
US	2002-Jun-05	10/163164	2004-Dec-28	2004-0212320-A1	2007-Jun-12	7231060	2020-Jun-28
US	2002-Jun-05	10/163085	2003-Feb-06	2003-0028260-A1	2007-Jun-19	7233831	2022-Jun-30
US	2002-Jun-13	10/171463	2003-Mar-27	2003-0057887-A1	2007-Jul-10	7242152	2017-Sep-04
US	2002-Jun-17	10/174499	2003-Mar-27	2003-0057890-A1	2005-Dec-13	6975079	2018-Dec-25
US	2002-Jun-25	10/179352	2003-Dec-25	2003-0234342-A1	2006-Feb-14	6998594	2022-Aug-03
US	2002-Jul-18	10/483862			2005-Dec-06	6972525	2022-Jul-30
US	2002-Jul-18	10/483861	2004-Sep-16	2004-0178749-A1	2005-Jul-26	6922022	2022-Jul-18
US	2002-Jul-29	10/489044	2004-Dec-16	2004-0251404-A1	2008-Jan-29	7323676	2022-Oct-02
US	2002-Sep-17	10/245788	2003-Jul-17	2003-0133292-A1			
US	2002-Sep-17	10/245786	2003-Jul-24	2003-0137258-A1	2005-Nov-15	6965205	2017-Aug-26
US	2002-Sep-26	10/255565	2003-May-29	2003-0100837-A1	2007-Dec-11	7308296	2017-Nov-06
US	2002-Nov-19	10/299870	2002	2002-22-5	2004-Jul-13	6762562	2022-Nov-19
US	2002-Nov-22	10/302315	2003-Apr-10	2003-0067773-A1	2004-Feb-17	6692136	2019-Dec-02
US	2002-Dec-19	10/323445	2003-May-08	2003-0085749-A1	2006-Jul-04	7071762	2021-Jan-31
US	2003-Feb-06	10/504139	2005-Apr-28	2005-0088209-A1	2008-Dec-09	7463070	2024-Jan-18
US US	2003-Feb-06	10/360594	2004-Aug-19	2004-0160199-A1	2007-Apr-10	7202613	2017-Aug-26
US	2003-Apr-22 2003-May-09	10/420506 10/435687	2004-Feb-19 2004-Oct-28	2004-0032226-A1 2004-0212321-A1	2005-Nov-29 2006-May-02	6969954 7038399	2021-Aug-07 2017-Dec-22
US	2003-May-09 2003-Aug-28	10/433687	2004-Oct-28 2004-May-13	2004-0212321-A1 2004-0090787-A1	2006-May-02 2007-Apr-17	7038399	2017-Dec-22 2024-Jan-09
US	2003-Aug-28 2003-Oct-03	10/678971	2004-May-13 2004-Jul-08	2004-0130909-A1	2007-Apr-17 2007-Nov-27	7300192	2017-Aug-27
US	2003-Oct-09	10/684066	2001 341 00	2001 0130707-111	2005-Aug-16	6930452	2023-Oct-09
		10,001000			2002 1145 10	0,00100	_020 030 07

CTY	Fil.Date	Application No.	Pub. Data	Publication No.	Grant Date	Grant No.	Expiry Date
US	2003-Oct-30	10/698019	2004-Aug-12	2004-0155609-A1	2006-Nov-07	7132804	2018-Mar-07
US	2003-Nov-04	10/701132	2004-May-13	2004-0090191-A1	2007-Jan-09	7161311	2017-Aug-26
US	2003-Nov-10	10/705643	2004-Jun-03	2004-0105261-A1	2008-Jun-17	7387405	2017-Aug-26
US	2003-Nov-11	10/536260	2006-Jul-06	2006-0146528-A1	2008-Jan-01	7314289	2024-May-07
US	2003-Dec-02	10/726854			2006-Apr-18	7030572	2024-Mar-19
US	2003-Dec-11	10/539981			2007-Aug-28	7262559	2024-Jan-15
US	2003-Dec-12	10/539980	2006-Mar-23	2006-0061288-A1	2008-Oct-07	7432668	2024-May-06
US	2003-Dec-18	10/540671	2006-Apr-20	2006-0082397-A1	2008-Oct-28	7443209	2025-Oct-17
US	2004-Jan-12	10/755156	2004.0	2004.0242222.44	2006-Oct-10	7118248	2020-Feb-28
US	2004-Feb-27	10/789062	2004-Oct-28	2004-0212323-A1	2005-Aug-23	6933685	2021-Dec-27
US	2004-Mar-18	10/803540	2004-Dec-23	2004-0257007-A1	2007-Feb-20	7180252	2018-Nov-03
US	2004-Mar-26	10/810481	2004-Sep-16	2004-0178751-A1	2007-Sep-25	7274160	2017-Sep-28
US	2004-Apr-12	10/822579	2005 Jun 02	2005 0116667 41	2005-Feb-08	6853151 7358929	2022-Nov-19
US US	2004-Apr-21 2004-Apr-22	10/828933 10/555677	2005-Jun-02 2006-Oct-19	2005-0116667-A1 2006-0232219-A1	2008-Apr-15 2011-Mar-22	7911151	2019-Mar-10 2026-Sep-09
US	2004-Apr-22 2004-Apr-22	10/555678	2006-Dec-28	2006-0292719-A1	2008-Apr-15	7358961	2024-Sep-17
US	2004-Apr-22 2004-Apr-30	10/555680	2006-Nov-30	2006-0267514-A1	2009-Mar-31	7511436	2025-Apr-19
US	2004-Mpr-50 2004-May-05	10/839765	2005-Jun-16	2005-0128751-A1	2007-Feb-20	7178941	2024-May-05
US	2004-May-10	10/842257	2004-Dec-02	2004-0240890-A1	2007-Aug-07	7253566	2018-Jun-06
US	2004-May-14	10/846775	2004-Oct-28	2004-0212993-A1	2008-Sep-23	7427840	2017-Aug-26
US	2004-Jul-21	10/897309	2005-Mar-24	2005/0063063	2007-Aug-14	7255458	2024-Jul-21
US	2004-Jul-22	10/897990	2005-Mar-24	2005/0062446	2006-Nov-28	7140752	2024-Aug-06
US	2004-Aug-11	10/915947	2005-Feb-17	2005-0035728-A1	2008-Nov-11	7449847	2020-Jan-17
US	2004-Aug-11	10/916018	2005-Mar-24	2005-0062440-A1	2006-Nov-14	7135824	2017-Sep-29
US	2004-Aug-31	10/930345	2005-Feb-10	2005-0030744-A1	2007-Aug-14	7255457	2021-Mar-17
US	2004-Sep-07	10/570866	2007-Jan-11	2007-0007898-A1	2009-Apr-21	7521872	2025-Feb-09
US	2004-Sep-21	10/572846	2006-Dec-28	2006-0291199-A1	2010-May-11	7714521	2027-Sep-12
US	2004-Sep-30	10/954334	2005-Mar-03	2005-0047134-A1	2010-Dec-07	7845823	2021-Feb-09
US	2004-Oct-04	10/958168	2006-Jul-13	2006-0152172-A9			
US	2004-Nov-03	10/980024	2005-Mar-24	2005-0063194-A1	2009-Apr-28	7525254	2019-Jun-21
US	2004-Nov-05	10/578650	2007-Apr-12	2007-0080652-A1	2009-Aug-11	7573729	2025-Jan-05
US	2004-Nov-16	10/990090	2005-Jul-14	2005-0151489-A1	2008-Nov-18	7453217	2018-Jun-23
US	2004-Nov-22	10/995038	2005-Nov-10	2005-0248299-A1	2009-Mar-03	7502034	2024-Nov-22
US	2004-Dec-09	11/010015	2005-Aug-04	2005-0168199	2007-Apr-10	7202641	2025-Oct-28
US	2005-Jan-28	11/046176	2005-Sep-22	2005/0207166	2007-Sep-11	7267461	2025-Sep-21
US US	2005-Feb-07	11/052328	2006 Ion 26	2006 0016060 1	2006-Jun-27	7067992 7482565	2022-Nov-19
US	2005-Feb-22 2005-Mar-02	11/064069 11/070870	2006-Jan-26 2005-Dec-15	2006-0016960-A1 2005-0275626-A1	2009-Jan-27	7482303	2020-Dec-25
US	2005-Mar-08	11/076461	2005-Dec-13	2005-0275020-A1 2005-0236998-A1			
US	2005-Mar-14	11/079461	2005-Sep-29	2005-0230998-A1 2005-0213352-A1	2008-Dec-02	7459864	2025-Mar-14
US	2005-Mar-14	11/079904	2005-Sep-29	2005-0213352-A1 2005-0213353-A1	2009-Jul-07	7557521	2025-Sep-23
US	2005-Mar-14	11/079450	2005-Oct-20	2005-0231133-A1	2007-Aug-14	7256554	2025-Mar-14
US	2005-Mar-14	11/079928	2005-Oct-06	2005-0218838-A1	2007-Jun-19	7233115	2025-Jul-30
US	2005-Mar-14	11/079448	2005-Oct-06	2005-0218870-A1	2010-Feb-09	7659673	2026-Dec-21
US	2005-Mar-14	11/079905	2005-Oct-06	2005-0219872-A1	2008-Apr-15	7358706	2026-Mar-16
US	2005-Mar-23	10/599860	2007-Aug-23	2007-0195525-A1	2009-Feb-17	7490953	2025-Apr-19
US	2005-Mar-31	11/095916	2005-Nov-17	2005-0253533-A1	2008-Apr-15	7358679	2018-Feb-25
US	2005-Apr-06	11/101046	2006-Jan-05	2006/0001381	2007-Apr-10	7202608	2025-Apr-06
US	2005-Apr-14	11/106381	2005-Dec-29	2005-0285547-A1	2007-Jan-09	7161313	2017-Aug-26
US	2005-Apr-27	11/568626	2008-Nov-20	2008-0284348-A1	2010-Mar-09	7675238	2027-Mar-13
US	2005-May-02	11/568627	2007-Oct-04	2007-0230159-A1			2025-May-02
US	2005-Jun-28	11/570944	2008-Nov-13	2008-0278094-A1	2010-Feb-23	7667409	2026-Oct-20
US	2005-Jul-14	11/572229	2008-Apr-24	2008-0094003-A1	2010-Sep-07	7791289	2027-Dec-31
US	2005-Aug-04	11/197283	2006-Feb-09	2006/0028156	2008-Feb-12	7329998	2026-Jul-22
US	2005-Aug-05	11/198633	2006 4 06	2007/0071022	2009-Feb-17	7490957	2023-Mar-04
US	2005-Aug-05	11/198248	2006-Apr-06	2006/0071823	2009-Jan-27	7482760	2025-Aug-05
US	2005-Sep-12	11/225377	2006-Jun-22	2006-0132061-A1	2009-Jun-02	7542257	2026-Dec-23
US	2005-Sep-19	11/575761	2008-Jun-12	2008-0137360-A1	2010-Oct-12	7810974	2026-Nov-13
US	2005-Sep-20	11/576282	2009-Jul-16	2009-0179586-A1	2010-Jun-08	7731387	2027-Feb-13
US US	2005-Sep-29	11/241787	2006-Apr-20	2006/0082331	2008-Jul-01	7394210	2025-Sep-29
US	2005-Oct-12 2005-Oct-12	10/557817 10/558124	2007-Jul-05 2007-May-17	2007/0153026 2007/0108846	2010-Jun-15 2009-Aug-11	7738002 7573209	2027-May-05 2026-Jan-15
US	2005-Oct-12 2005-Oct-26	11/577995	2007-May-17 2008-Jun-12	2008-0136350-A1	2009-Aug-11 2011-Mar-15	7906917	2028-Jul-13
US	2005-Nov-23	11/285980	2006-Juli-12 2006-May-25	2006/0109219	2008-Sep-09	7423387	2026-Nov-22
US	2005-Nov-24	11/719882	2009-Jul-02	2009-0168415-A1	2000-Bep-09	1723301	2025-Nov-24
US	2005-Nov-24 2005-Dec-02	11/721512	2007 841 02	2007 0100 113 111	2010-May-18	7719209	2026-Jan-27
US	2005-Dec-20	11/313427	2006-Jul-20	2006-0158881-A1	2010-May-04	7710369	2029-Mar-03

US   2005-Dec-21   11/314190   2007-Feb-22   2007A004012   2008-Im-15   7319/98   2005   2005-Im-05   11/325980   2007-Jul-05   2007-0152797-A1   2009-Nov-17   7619370   200   2005-Im-05   11/325980   2007-Jul-05   2007-0152797-A1   2009-Nov-17   7619370   200   2005-Im-05   11/325980   2007-Jul-05   2006-Jul-05   2006-J	Expiry Date
USS 2005-Dec-30	025-Mar-15
USS 2006-Ian-05 10567179 200 USS 2006-Ian-18 11/813351 2008-Aug-28 2008-0203490-A1 2010-Oct 05 7808191 200 USS 2006-Ian-18 11/813351 2008-Aug-28 2008-0203490-A1 2010-Oct 05 7808191 200 USS 2006-Ian-25 11/369384 2006-Oct 26 20066023969 2010-Mar-30 7688130 200 USS 2006-Apr-06 10583297 2008-Dec-04 20060023969 2010-Mar-30 7688130 200 USS 2006-Apr-10 11/166364 2006-Sep-14 2006-020364 A1 2011-Feb-22 789361 200 USS 2006-Apr-18 11/379191 2006-Sep-21 2006-0206667-A1 2008-Apr-01 7352138 201 USS 2006-Apr-19 1101341 2008-Aug-07 2008-0188104-A1 2011-Feb-22 789361 200 USS 2006-Apr-19 1101341 2008-Aug-07 2008-0188104-A1 2011-Feb-22 789361 200 USS 2006-May-08 11/429715 2007-Aug-16 2007-0188104-A1 2009-Mar-31 7511437 200 USS 2006-May-19 11013303 2008-Aug-14 2007-0188104-A1 2009-Mar-31 7511437 200 USS 2006-May-19 11/436974 2007-Aug-16 2007-0188104-A1 2008-Mar-17 7788665 200 USS 2006-May-23 11/419995 2006-Nov-23 2006-0262531-A1 2011-Nov-22 8061855 200 USS 2006-May-23 11/419995 2006-Nov-23 2006-0262531-A1 2011-Aug-17 7770391 201 USS 2006-May-23 11/419985 2006-Nov-23 2006-0262531-A1 2011-Aug-17 7770391 201 USS 2006-Ian-06 11/425839 2006-Nov-23 2006-0262531-A1 2010-Aug-17 7770391 201 USS 2006-Ian-26 11/425839 2006-Nov-23 2006-0263535-A1 2010-Aug-17 777732 202 USS 2006-Ian-26 11/425839 2006-Nov-20 2006/0273741-A1 2010-Aug-17 777732 202 USS 2006-Out-02 120889236 2008-Nov-06 2008-027374-A1 2010-Aug-17 777732 202 USS 2006-Out-03 11/49993 2008-Nov-06 2008-027374-A1 2010-Aug-17 777732 202 USS 2006-Out-03 11/49993 2008-Nov-06 2008-027374-A1 2010-Aug-17 777732 202 USS 2006-Out-03 11/49993 2008-Nov-06 2008-027374-A1 2010-Aug-18 7802902 202 USS 2006-Out-03 11/49993 2008-Nov-06 2008-027374-A1 2010-Aug-18 7802902 202 USS 2006-Out-03 11/49993 2008-Nov-06 2008-027374-A1 2011-Aug-18 7802902 202 USS 2006-Out-03 11/49993 2008-Nov-06 2008-027374-A1 2011-Aug-18 7802902 202 USS 2006-Out-03 11/49993 2008-Nov-06 2008-027374-A1 2011-Feb-22 78893661 202 USS 2007-Aug-18 2007-008-008-008-008-008-008-008-008-008-	025-Dec-21
USS 2006-In-18   II/3351   2008-Aug-28   2008-0203940-A1   2010-Oct-05   7808191   202   2005   2006-In-18   II/339983   2006-Oct-26   200600229689   2010-Mar-30   7689130   202   2006-Aug-06   10783297   2008-Dcc-04   2008-0297054-A1   2011-Feb-22   7893631   202   2006-Apr-16   II/39191   2008-Oct-26   2008-0297054-A1   2011-Feb-22   7893631   202   2006-Apr-18   II/39191   2008-Oct-26   2008-0297054-A1   2011-Feb-22   7893631   202   2006-Apr-18   II/39191   2008-Oct-26   2009-029667-A1   2008-Apr-10   735138   2011-Feb-22   2006-Apr-19   II/912341   2008-Aug-07   2008-0185499-A1   2010-In-26   7652236   202   2006-Apr-19   II/912341   2008-Aug-16   2007-018514-A1   2009-Aug-01   735138   2010-Aug-03   7766489   202   2006-May-08   II/42715   2007-Aug-16   2007-018514-A1   2009-Aug-03   7766489   202   2006-May-19   II/436974   2007-Mar-08   2007-0015181   2008-III-17   738655   2020-2020-2020-2020-2020-2020-2020-20	017-Nov-15
US 2006-Jan-18	028-Jan-06
USS 2006-dam-25	026-Jan-05
USS   2006-Mar-06   10/3633297   2008-De-04   2008-020734-A   2011-Feb-22   7893461   2018   2006-Apr-18   11/379191   2008-Sep-21   2008-0206667-A1   2008-Apr-01   7352138   2018   2006-Apr-19   11/429715   2008-Aug-07   2008-0206667-A1   2008-Apr-01   7352138   2018   2006-May-08   11/429715   2007-Aug-16   2007-018811-A1   2009-Mar-31   751437   202   2008-May-08   11/429715   2007-Aug-16   2007-018811-A1   2009-Mar-31   751437   202   2008-May-19   11/436974   2007-Mar-08   2007-001881   2008-Mar-11   7358665   202   2008-May-19   11/43074   2007-Mar-08   2007-001881   2008-Mar-11   7358665   202   2008-May-22   11/419660   2008-Nov-23   2006-0262521-A1   2011-Nov-22   8061865   202   2008-May-23   11/419995   2008-Nov-23   2006-026254-A1   2010-Aug-03   7766518   202	027-Dec-26
US 2006-Apr-18 11/379191 2008-Sep-21 2006-02086-A1 2008-Apr-01 735138 201 US 2006-Apr-18 11/379191 2008-Aug-07 2008-0185499-A1 2010-Jan-26 7652236 201 US 2006-May-08 11/429715 2007-Aug-16 2007-01814-A1 2009-Mar-31 7511437 202 2006-May-08 11/429715 2007-Aug-16 2007-01814-A1 2009-Mar-31 7511437 202 US 2006-May-08 11/41/29715 2007-Aug-16 2007-01814-A1 2009-Mar-31 7766489 202 US 2006-May-10 11/436074 2008-Nov-23 2006-0262521-A1 2011-Nov-22 8061865 202 US 2006-May-22 11/41/960 2006-Nov-23 2006-0262521-A1 2011-Nov-22 8061865 202 US 2006-May-23 11/41/9995 2006-Nov-23 2006-0262545-A1 2010-Apr-27 770951 202 US 2006-May-23 11/41/9998 2006-Nov-23 2006-0262545-A1 2010-Apr-27 770951 202 US 2006-Jan-26 11/422589 2006-Nov-23 2006-0262545-A1 2010-Apr-27 7777427 200 US 2006-Jan-26 11/42538 2006-Nov-20 2006-0273741-A1 2010-Aug-17 7777427 202 US 2006-Jan-26 11/42538 2006-Dec-21 2006-0273741-A1 2010-Aug-17 7777427 202 US 2006-Jan-26 11/445593 2006-Dec-21 2006-0273731-A1 2010-Aug-18 7752110 202 US 2006-Aug-28 11/467713 2006-Dec-21 2006-028523-A1 2008-Apr-01 7350936 201 US 2006-C0-2 12089366 2008-Nov-06 2008-027331-A1 2010-Aug-28 7802902 2015 2006-02-13 11/549593 2008-Nov-06 2008-027331-A1 2010-Aug-28 7802902 2015 2006-02-13 11/549576 2008-Nov-06 2008-027331-A1 2010-Aug-28 7802902 2015 2006-02-13 11/549576 2007-Apr-19 2007-008664 2008-Sep-12 7914173 2015 2006-02-13 11/549576 2007-Apr-19 2007-008653-A1 2001-Aug-29 7914173 2015 2006-02-13 11/549576 2008-027546-A1 2010-Aug-29 7914173 2015 2006-02-13 11/549576 2008-026-30 2008-026574-A1 2010-Aug-29 7914173 2015 2006-02-13 11/549576 2008-026574-A1 2010-Aug-29 7914173 2015 2006-026-13 10209-0209-0209-0209-0209-0209-0209-0209	027-Jul-16
US   2006-Apr-19   11/39191   2006-Sep-21   2006-0028667-A1   2008-Apr-01   7352138   2008-Apr-01   2006-Apr-01   2006-Apr-02   2006-Apr-01   2006-Apr-01   2006-Apr-02   2006-Apr-01	027-Feb-20
US 2006-Apr-19	026-Apr-06
US 2006-May-10 11/429715 2007-Aug-16 2007-0188114-A1 2009-Mar-31 7511437 2018 2006-May-10 11/436974 2007-Mar-08 2007/0051881 2008-Jun-17 738865 202	017-Aug-26
US         2006-May-19         11/936974         2007-Mar-08         2007-001881         2008-In-17         7368656         202           US         2006-May-22         11/419660         2006-Nov-23         2006-0262521-A1         2011-Nov-22         8061865         202           US         2006-May-23         11/419995         2006-Nov-23         2006-026254-A1         2010-Apr-27         7703951         202           US         2006-May-23         11/419998         2006-Nov-23         2006-026254-A1         2010-Apr-20         7766618         202           US         2006-Jun-06         11/422589         2006-Dec-07         2006-0273741-A1         2010-Aug-17         77773221         202           US         2006-Jun-26         11/425838         2006-Dec-21         2006-0243741-A1         2010-Aug-17         77773221         202           US         2006-Dec-21         2006-Dec-21         2006-Oes-22         2006-Aug-23         11/467713         2006-Dec-21         2006-Aug-23         2006-Aug-24         2006-Aug-	026-Apr-19
US 2006-May-22 11/419660 2006-Nov-23 2006-0262521-A1 2011-Nov-22 8061865 202 US 2006-May-23 11/419998 2006-Nov-23 2006-0262521-A1 2010-Apr-27 7703951 202 105 2006-May-23 11/419998 2006-Nov-23 2006-0262545-A1 2010-Apr-27 7703951 202 2006-026180-06 11/422589 2006-Dec-07 2006-0262545-A1 2010-Apr-27 7703951 202 US 2006-Jun-26 11/422589 2006-Dec-07 2006-0262545-A1 2010-Apr-27 7777427 202 US 2006-Jun-26 11/426388 2006-Nov-02 2006-0262451-A1 2010-Apr-21 7777427 202 US 2006-Jun-14 11/426389 2006-Dec-07 2006-0273741-A1 2010-Apr-21 7777427 202 US 2006-Jun-14 11/426389 2006-Dec-07 2006-0273741-A1 2010-Apr-21 7753210 202 US 2006-Sep-25 12/088360 2008-Nov-06 2008-027331-A1 2010-Apr-21 7550936 201 US 2006-Dec-02 12/089206 2008-Nov-06 2008-027331-A1 2010-Apr-21 7580936 201 US 2006-Oct-13 11/549593 2008-Nov-06 2008-027331-A1 2010-Apr-21 7893661 202 US 2006-Oct-13 11/549593 2008-Nov-06 2008-027331-A1 2011-Apr-22 7893661 202 US 2006-Oct-13 11/549576 2007-Mar-29 2007/0069664 2008-Sep-02 7420335 202 US 2006-Nov-13 11/549576 2007-Mar-29 2007/0069664 2008-Sep-02 7420335 202 US 2006-Nov-17 11/561031 2007-Apr-19 2007-0086754-A1 2010-Oct-05 7809448 202 US 2006-Dec-06 12/096801 2008-Oct-04 2008-0298053-A1 2010-Oct-05 7809448 202 US 2006-Dec-06 12/096801 2008-Oct-04 2008-0298053-A1 2010-Oct-05 7809448 202 US 2006-Dec-06 12/099691 2008-Oct-06 2008-0298053-A1 2011-In-08 7731390 202 US 2006-Dec-01 11/613442 2007-Apr-19 2007/0085489 2008-Apr-15 7358681 202 2005-Dec-20 11/61342 2007-Apr-19 2007/0085489 2008-Apr-15 7358681 202 2005-Dec-20 11/61342 2007-Apr-19 2007/008548-1 2011-Apr-16 789848 202 2005-Dec-20 11/61342 2007-Apr-19 2007/008548-1 2011-Apr-16 789848 202 2005-Dec-20 11/61342 2007-Apr-19 2007/008548-1 2009-Apr-28 2009-Apr-29 2009-Apr-28 2009-Apr-28 2009-Apr-29 2009-Apr-29 2009-Apr-29 2009-Apr-29 200	027-Jul-10
US 2006-May-23 11/419998 2006-Nov-23 2006-026324-A1 2011-Nov-22 8061865 202 US 2006-May-23 11/419998 2006-Nov-23 2006-026345-A1 2010-App-27 7765518 202 US 2006-In-06 11/422589 2006-Dec-07 2006-0273741-A1 2010-Aug-03 7766518 202 2006-In-06 11/422589 2006-Nov-23 2006-0263741-A1 2010-Aug-07 7777427 202 2006-In-14 11/48598 2006-Nov-02 2006-0245174 2009-Aug-11 7573210 202 US 2006-Jul-14 11/48599 2007-App-26 20070091620 2010-Feb-23 7665883 202 2005-Jul-14 11/48599 2007-App-26 20070091620 2010-Feb-23 7665883 202 2005 2006-In-14 11/48590 2007-Nov-06 2008-0273331-A1 2010-Aug-28 7802902 202 202 2006-Oct-12 12089236 2008-Nov-06 2008-0273331-A1 2010-Aug-28 7802902 202 202 2006-Oct-13 11/549576 2007-Mar-29 2007-006664 2008-8cp-02 7420335 202 US 2006-Oct-13 11/549576 2007-Mar-29 20070066664 2008-8cp-02 7420335 202 US 2006-Oct-13 11/549576 2007-Mar-29 2007-0066754-A1 2011-Mar-29 791473 202 US 2006-Nov-17 11/561031 2007-App-19 2007-0086754-A1 2011-Mar-29 791473 202 US 2006-Nov-20 12/094616 2008-Oct-30 2008-0265797-A1 2012-Doct-11 12/096613 2008-Oct-30 2008-0265797-A1 2012-Doct-11 12/096613 2008-Doct-40 2008-0298054-A1 2011-Feb-01 7878688 202 US 2006-Doc-01 11/613442 2007-App-19 2007-0086754-A1 2011-Feb-01 7878688 202 US 2006-Doc-11 12/096613 2008-Doct-40 2008-0298054-A1 2011-Jun-08 7373190 202 US 2006-Doc-22 11/615124 2007-Sep-06 2007-020874-A1 2011-Jun-14 7999484 202 US 2006-Doc-22 11/615124 2007-Sep-06 2007-0206375-A1 2009-Jun-23 7550935 201 US 2007-Jun-22 11/626964 2007-Jun-28 2009-002881-A1 2011-Jun-14 7999484 202 US 2006-Doc-20 11/613442 2007-Sep-06 2007-0206375-A1 2009-Jun-23 7550935 201 US 2007-Jun-22 11/626964 2007-Jun-28 2009-002881-A1 2011-Jun-14 7999484 202 US 2006-Doc-20 11/613442 2007-Sep-06 2007-0206375-A1 2009-Jun-23 7550935 201 US 2007-Jun-22 11/626964 2007-Jun-28 2009-002881-A1 2011-Jun-14 7999484 202 US 2006-Doc-20 11/613442 2007-Sep-06 2007-0206375-A1 2011-Jun-19 7980746 201 US 2007-Jun-26 12/163979 2009-Jun-28 2009-002881-A1 2011-Jun-19 7980748 201 US 2007-Jun-26 11/613462 2007-Jun-28 2009-Jun-23 7550935 20	027-Jan-19
US 2006-May-23 11/419998 2006-Nov-23 2006-0262544-A1 2010-Aug-03 7766518 202 US 2006-Jun-06 11/422589 2006-Dec-07 2006-0273741-A1 2010-Aug-01 7777427 202 US 2006-Jun-06 11/425389 2006-Dec-07 2006-0273741-A1 2010-Aug-01 7777427 202 US 2006-Jun-06 11/426338 2006-Nov-02 2006-0273741-A1 2010-Aug-01 7777427 202 US 2006-Jun-06 11/426338 2006-Nov-02 2006-0253724-A1 2009-Aug-11 757210 202 US 2006-Aug-28 11/467713 2006-Dec-21 2006-025325-A1 2008-Apr-01 7550936 201 US 2006-Sep-25 12083360 2008-Nov-06 2008-0273331-A1 2010-Aug-28 7665883 202 US 2006-Oct-02 120892936 2008-Nov-06 2008-0273331-A1 2011-Pcb-22 7893661 202 US 2006-Oct-13 11/549593 2008-Sep-18 2008-0272743-A1 2011-Pcb-22 7893661 202 US 2006-Oct-13 11/549596 2007-Mar-29 2007/0069664 2008-Sep-02 7420335 202 US 2006-Nov-17 11/561031 2007-Apr-19 2007-0086754-A1 2010-Oct-05 7809448 202 US 2006-Nov-17 11/561031 2007-Apr-19 2007-0086754-A1 2010-Oct-05 7809448 202 US 2006-Dec-06 12/096801 2008-Oct-04 2008-0298054-A1 2010-Jun-08 7731390 202 US 2006-Dec-06 12/096801 2008-Oct-04 2008-0298054-A1 2010-Jun-08 7731390 202 US 2006-Dec-01 12/096601 2008-Oct-04 2008-0298054-A1 2011-Fcb-01 7878688 202 US 2006-Dec-11 12/096613 2008-Dec-04 2008-0298054-A1 2011-Fcb-01 7878688 202 US 2006-Dec-12 11/61542 2007-Apr-19 2007/0085489 2008-Apr-15 7538681 202 2005-Dec-20 11/61342 2007-Apr-19 2007/0085489 2008-Apr-15 7538681 202 2005-Dec-20 11/61342 2007-Apr-19 2007/0085489 2008-Apr-15 7538681 202 2005-Dec-20 11/61542 2007-Apr-19 2007/0085489 2008-Apr-15 7538681 202 2005-Dec-20 11/61542 2007-Apr-19 2007/0085489 2008-Apr-15 7538681 202 US 2006-Dec-20 11/61542 2007-Apr-19 2007/0085489 2008-Apr-15 7538681 202 US 2007-Jun-22 11/625608 2007-Jun-28 2000-Dec-20 11/61542 2007-Apr-20 2007-Dec-20	026-Jun-11
US 2006-May-23 11/419998 2006-Dec-07 2006-0262545-A1 2010-Aug-03 7766518 202 US 2006-Jun-06 11/42538 2006-Dec-07 2006-0273741-A1 2010-Aug-11 7573210 202 US 2006-Jun-26 11/426338 2006-Nov-02 200600245174 2009-Aug-11 7573210 202 US 2006-Jun-26 11/426338 2006-Nov-02 200600245174 2009-Aug-11 7573210 202 2006-Jun-26 11/426338 2006-Nov-02 2007-0091620 2010-Feb-23 7665883 202 2006-Dec-12 12/088360 2008-Nov-06 2008-0273331-A1 2010-Aug-28 7802902 202 202 202 2006-Oct-02 12/089236 2008-Nov-06 2008-0273331-A1 2010-Aug-28 7802902 202 US 2006-Oct-02 12/089236 2008-Nov-06 2008-0273331-A1 2010-Aug-28 7802902 202 US 2006-Oct-13 11/549576 2008-Nov-06 2008-0273744-A1 2010-Mar-30 7687753 202 US 2006-Oct-13 11/549576 2007-Mar-29 2007/0006664 2008-8cp-02 10. 11/549576 2007-Mar-29 2007/0006664 2008-8cp-02 7914173 202 US 2006-Nov-17 11/561031 2007-Apr-19 2007-0086754-A1 2010-Jun-08 7731390 202 US 2006-Nov-17 11/561031 2007-Apr-19 2007-0086754-A1 2010-Jun-08 7731390 202 US 2006-Dec-06 12/096801 2008-Oct-30 2008-0265797-A1 2010-Jun-08 7731390 202 US 2006-Dec-11 12/096613 2008-Dec-04 2008-0298053-A1 2011-Feb-01 7878688 202 US 2006-Dec-13 12/097972 2009-Jun-01 2009-0002981-A1 2011-Feb-01 7878688 202 US 2006-Dec-20 11/613442 2007-Apr-19 2007/0086489 2008-Apr-15 7358681 202 US 2006-Dec-20 11/613442 2007-Apr-19 2007/0086489 2008-Apr-15 7358681 202 US 2006-Dec-22 11/613124 2007-Apr-19 2007/0086489 2008-Apr-15 7358681 202 US 2007-Jun-02 11/625608 2007-May-24 2007-0116568-A1 2011-Jun-14 7959320 201 US 2007-Jun-22 11/625608 2007-May-24 2007-0116568-A1 2011-Jun-14 7959320 201 US 2007-Jun-22 11/625608 2007-May-24 2007-0116568-A1 2011-Jun-14 7959320 201 US 2007-Jun-26 12/162372 2009-Jun-22 2009-0021182-A1 2012-Jun-08 202632 202 US 2007-Jun-26 12/162372 2009-Jun-22 2009-0021182-A1 2011-Jun-14 7959320 201 US 2007-Jun-26 12/162372 2009-Jun-22 2009-0021182-A1 2011-Jun-19 7980726 202 US 2007-Jun-26 12/162372 2009-Jun-22 2009-0021182-A1 2011-Jun-19 7980726 202 US 2007-Jun-26 12/162372 2009-Jun-22 2009-0021182-A1 2011-Jun-19 7980746 201 US 2007-Jun-12 11	029-Jan-04
US 2006-Jun-26 11/425389 2006-Dec-07 2006-0273714-1A1 2010-Aug-17 7777427 202 1015 2006-Jun-26 11/426338 2006-Nov-02 200600245174 2009-Aug-11 7573210 202 US 2006-Aug-28 11/467713 2006-Dec-21 2006-0285325-A1 2008-Apr-01 3759365 201 US 2006-Sep-25 12088360 2008-Nov-06 2008-0273331-A1 2010-Aug-28 7809905 201 US 2006-Oct-02 12/089236 2008-Nov-06 2008-0273331-A1 2010-Aug-28 7809902 202 US 2006-Oct-13 11/549593 2008-Sep-18 2008-027473-A1 2010-Aug-28 7809902 202 US 2006-Oct-13 11/549576 2007-Mar-29 2007/0059664 2008-Sep-02 7420335 202 US 2006-Nov-13 12/093463 2008-Oct-16 2008-0253119-A1 2010-Mar-3 7687753 202 US 2006-Nov-17 11/561031 2007-Apr-19 2007-0086754-A1 2010-Us-05 7809448 202 US 2006-Nov-20 12/094616 2008-Dec-04 2008-0256797-A1 2010-Us-05 7809448 202 2006-Dec-06 12/096801 2008-Oct-30 2008-0265797-A1 2010-Us-05 7809448 202 2006-Dec-11 12/096613 2008-Dec-04 2008-0256797-A1 2010-Us-05 7809448 202 US 2006-Dec-13 12/097927 2009-Jan-01 2009-0002981-A1 2009-0002981-A1 2006-Dec-20 11/613442 2007-Apr-19 200770085489 2008-Apr-15 7358681 202 2006-Dec-20 11/613442 2007-Apr-19 200770085489 2008-Apr-15 7358681 202 2006-Dec-20 11/615124 2007-Sep-06 2007-0026375-A1 2011-Jun-19 798948 202 2007-Jan-10 12/160947 2007-Jan-22 11/625602 2007-Jan-22 2009-Jan-22 2009-J	027-May-12 027-Dec-21
US 2006-Jun-26	027-Dec-21 029-Jun-17
US   2006-Jul-14	026-Aug-10
US 2006-Aug-28 11/467713 2006-Dec-21 2006-O285325-A1 2008-Apr-01 7350936 201   S 2006-Oct-02 12/088260 2008-Nov-06 2008-027331-A1 2010-Aug-28 7802902 202   S 2006-Oct-03 11/549593 2008-Sep-18 2008-0224024-A1 2010-Mur-30 7687753 200   S 2006-Oct-13 11/549593 2008-Sep-18 2008-0224024-A1 2010-Mur-30 7687753 200   S 2006-Nov-13 12/093463 2008-Oct-16 2008-0253119-A1 2011-Mur-29 7914173 200   S 2006-Nov-13 12/093463 2008-Oct-16 2008-0253119-A1 2011-Mur-29 7914173 200   S 2006-Nov-17 11/561031 2007-Apr-19 2007-0086754-A1 2010-Oct-05 7809448 200   S 2006-Dec-06 12/096801 2008-Oct-30 2008-02598053-A1 2010-Oct-05 7809448 200   S 2006-Dec-06 12/096801 2008-Oct-30 2008-02598053-A1 2010-Oct-05 783948 200   S 2006-Dec-11 12/096613 2008-Dec-04 2008-0298053-A1 2010-Dec-10 7878688 200   S 2006-Dec-11 12/096613 2008-Dec-04 2008-0298054-A1 2011-Feb-01 7878688 200   S 2006-Dec-11 12/096613 2008-Dec-04 2008-0298054-A1 2011-Feb-01 7878688 200   S 2006-Dec-20 11/613442 2007-Apr-19 2007/0085489 2008-Apr-15 7358681 200   S 2006-Dec-20 11/615124 2007-Sep-06 2007-0206375-A1 2009-Jun-23 7550935 20   S 2007-Jan-10 12/160947 2011-Sep-20 8022632 200   S 2007-Jan-22 11/625608 2007-May-24 2007-0115658-A1 2011-Jun-14 7959320 201   S 2007-Jan-22 11/625608 2007-May-24 2007-0115658-A1 2011-Jun-14 7959320 201   S 2007-Jan-22 11/625608 2007-May-24 2007-0115658-A1 2011-Jun-19 780726 202   S 2007-Mar-13 11/685468 2007-Jun-28 2007-015865-A1 2011-Jun-19 780726 202   S 2007-Mar-16 11/76464 2007-Jun-28 2007-015865-A1 2011-Jun-19 780726 202   S 2007-Mar-13 11/685468 2007-Jun-28 2007-0291483-A1 2009-Jun-23 7550931 201   S 2007-Apr-20 11/695396 2007-Nov-29 2007-0291483-A1 2009-Jun-23 7550931 201   S 2007-Apr-20 11/737805 2007-Aug-16 2007-017956-A1 2010-Jun-29 7685506 200   S 2007-May-14 11/74697 2007-Aug-16 2007-018526-A1 2010-Jun-19 780872 200   S 2007-Jun-10 11/74697 2007-Aug-16 2007-017956-A1 2010-Jun-9 7685506 200   S 2007-Jun-10 11/761478 2007-Oct-11 2007-023788-A1 2010-Jun-9 7685506 200   S 2007-Jun-10 11/761478 2007-Oct-11 2007-023788-A1 2010-Jun-19 7	026-Nov-28
US 2006-Oct-13 11/549593 2008-Nov-06 2008-0273743-A1 2010-Aig28 7802902 202 US 2006-Oct-13 11/549593 2008-Sep-18 2008-0224024-A1 2011-Feb-22 7893661 202 2008-Oct-13 11/549593 2008-Sep-18 2008-0224024-A1 2010-Mar-30 7687753 202 US 2006-Oct-13 11/549597 2007-Mar-29 2007/0069664 2008-Sep-02 7420335 202 US 2006-Nov-17 11/561031 2007-Apr-19 2007-0086754-A1 2011-Mar-29 7914173 202 US 2006-Nov-17 11/561031 2007-Apr-19 2007-0086754-A1 2011-Mar-29 7914173 202 US 2006-Nov-17 11/561031 2007-Apr-19 2007-0086754-A1 2010-Oct-05 7809448 202 2006-Nov-17 11/561031 2008-Oct-30 2008-0265797-A1 2010-Jun-08 7731390 202 2006-Dec-06 12/096801 2008-Dec-04 2008-0265797-A1 2010-Jun-08 7731390 202 2005-Dec-06 12/096801 2008-Dec-04 2008-0265797-A1 2011-Feb-01 7878688 202 2006-Dec-13 12/097927 2009-Jan-01 2009-0002981-A1 202 2006-Dec-20 11/613442 2007-Apr-19 2007/0085489 2008-Apr-15 7358681 202 2006-Dec-20 12/158019 2009-May-28 2009-0134817-A1 2011-Aug-16 7999484 202 2007-Jan-10 12/160947 2007-Jan-22 11/625608 2007-May-24 2007-0115658-A1 2011-Jun-14 7959320 201 US 2007-Jan-22 11/625608 2007-May-24 2007-0115658-A1 2011-Jun-14 7959320 201 US 2007-Jan-22 11/625608 2007-May-24 2007-0115658-A1 2011-Jun-14 7959320 201 US 2007-Jan-26 12/162372 2009-Jan-22 2009-0021812-A1 2011-Jun-16 21/757208 201 US 2007-Mar-13 11/685468 2007-Jul-05 2007-0145915-A1 2011-Jun-16 21/757208 201 US 2007-Mar-13 11/685468 2007-Jul-05 2007-0145915-A1 2011-Jul-19 7980726 202 US 2007-Mar-13 11/685468 2007-Jul-05 2007-0145915-A1 2011-Jul-19 7980726 202 US 2007-Mar-10 11/740897 2007-Nov-29 2007/0291483-A1 2011-Jul-19 7980726 202 US 2007-May-02 11/73805 2007-Nov-29 2007/0291483-A1 2011-Jul-19 7980726 202 US 2007-Mar-10 11/740897 2007-Aug-16 2007-0189026-A1 2009-Dul-13 8076872 202 US 2007-May-02 11/73805 2007-Nov-19 2009-0284174-A1 2011-Dec-13 8076872 202 US 2007-May-02 11/73805 2007-Nov-19 2009-0284174-A1 2011-Dec-13 8076872 202 US 2007-May-02 11/73805 2009-Nov-19 2009-0284174-A1 2011-Dec-13 8076870 202 US 2007-May-02 11/73806 2009-Nov-19 2009-0284174-A1 2011-Dec-13 8076870	017-Aug-26
US 2006-Oct-03 11/549593 2008-Nov-06 2008-027243-A1 2011-Feb-22 7893661 202   US 2006-Oct-13 11/549576 2007-Mar-29 2007/0069664 2008-Sep-02 7420335 202   US 2006-Nov-13 12/093463 2008-Oct-16 2008-0254119-A1 2011-Mar-29 7914173 202   US 2006-Nov-17 11/561031 2007-Apr-19 2007-0086754-A1 2010-Jun-08 7731300 202   US 2006-Nov-20 12/094616 2008-Dec-04 2008-025803-A1 2010-Jun-08 7731300 202   US 2006-Dec-11 12/096613 2008-Dec-04 2008-0258053-A1 2010-Jun-08 7731300 202   US 2006-Dec-11 12/096613 2008-Dec-04 2008-0298054-A1 2011-Feb-01 7878688 202   US 2006-Dec-13 12/097927 2009-Jan-01 2009-0002981-A1 2011-Feb-01 7878688 202   US 2006-Dec-20 11/613442 2007-Apr-19 2007/0085489 2008-Apr-15 7358681 202   US 2006-Dec-20 12/158019 2009-May-28 2009-0134817-A1 2011-Aug-16 7999484 202   US 2006-Dec-22 11/615124 2007-Sep-06 2007-0206375-A1 2011-Jun-14 7959320 201   US 2007-Jan-10 12/160947 2007-May-24 2007-0115658-A1 2011-Jun-14 7959320 201   US 2007-Jan-22 11/625608 2007-May-24 2007-0115658-A1 2011-Jun-14 7959320 201   US 2007-Jan-26 12/162372 2009-Jan-22 2009-0021182-A1 2012-Jun-10 8217587 202   US 2007-Jan-26 12/162372 2009-Jan-22 2009-0021182-A1 2012-Jun-10 8217587 202   US 2007-Mar-03 11/685468 2007-Jul-05 2007-0035314-A1   US 2007-Mar-13 11/685468 2007-Jul-05 2007-003514-A1   US 2007-Apr-02 11/695396 2007-Aug-16 2007-0035314-A1   US 2007-Apr-02 11/695396 2007-Nov-29 2007/0274084 2010-Feb-02 7654703 202   US 2007-Apr-02 11/737805 2007-Aug-16 2007-019556-A1 2009-Feb-24 7495671 201   US 2007-Apr-02 11/73805 2007-Aug-16 2007-019566-A1 2009-Feb-24 7495671 201   US 2007-Apr-02 11/73805 2007-Aug-16 2007-019566-A1 2009-Feb-24 7595601 201   US 2007-Apr-02 11/73805 2007-Aug-16 2007-019566-A1 2009-Feb-24 7595601 201   US 2007-Apr-02 11/73805 2007-Aug-16 2007-019566-A1 2009-Feb-24 7595688 201   US 2007-Apr-02 11/73805 2009-Nov-19 2009-028417-A1 2011-Jun-19 798072 202   US 2007-Jun-12 11/761478 2007-Oct-11 2007-023186-A1 2011-Feb-09 758568 201   US 2007-Jun-12 11/761478 2007-Oct-11 2007-023186-A1 2011-Nov-22 8063750 202   US 2007-Jun-	027-Jun-24
US   2006-Oct-13   11/549576   2007-Mar-29   2007/0069664   2008-Sep-02   7420335   202   2006-Oct-13   11/549576   2007-Mar-29   2007/0069664   2008-Sep-02   7420335   202   202   2006-Oct-17   11/561031   2007-Apr-19   2007-0086754-A1   2011-Mar-29   7914173   202   202   2006-Nov-17   11/561031   2007-Apr-19   2007-0086754-A1   2010-Oct-05   7809448   202   2	027-Jun-24 028-Mar-10
US 2006-Oct-13 11/549576 2007-Mar-29 2007/0069664 2008-Sep-02 7420335 202 US 2006-Nov-13 12/093463 2008-Oct-16 2008-0253119-A1 2011-Mar-29 7914173 202 US 2006-Nov-20 12/094616 2008-Dec-04 2008-0298053-A1 2010-Jun-08 7731390 202 US 2006-Dec-06 12/096801 2008-Dec-04 2008-0298053-A1 2010-Jun-08 7731390 202 US 2006-Dec-13 12/099613 2008-Dec-04 2008-0298053-A1 2011-Feb-01 7878688 202 US 2006-Dec-13 12/097927 2009-Jan-01 2009-0002981-A1 2011-Feb-01 7878688 202 US 2006-Dec-20 11/613442 2007-Apr-19 2007/0088489 2008-Apr-15 7358681 202 US 2006-Dec-20 11/61342 2007-Sep-06 2007-0206375-A1 2011-Aug-16 799484 202 US 2006-Dec-21 11/615124 2007-Sep-06 2007-0206375-A1 2011-Aug-16 799484 202 US 2006-Dec-22 11/615124 2007-Sep-06 2007-0206375-A1 2011-Aug-16 799484 202 US 2007-Jan-10 12/160947 2011-Sep-20 802632 202 US 2007-Jan-22 11/625608 2007-May-24 2007-0115668-A1 2011-Jun-14 7959320 201 US 2007-Jan-22 11/625622 2007-May-24 2007-0115668-A1 2011-Jun-14 7959320 201 US 2007-Jan-26 12/162372 2009-Jan-22 2009-0021182-A1 2012-Jun-10 8217587 202 US 2007-Jan-26 11/672664 2007-Jun-28 2007-0145915-A1 2012-Jun-26 8207821 202 US 2007-Mar-15 11/686491 2007-Dec-20 2007-0153514-A1 US 2007-Mar-15 11/686491 2007-Dec-20 2007-0153514-A1 US 2007-Apr-20 11/695396 2007-Nov-29 2007/015364-A1 2011-Jun-19 7980726 202 US 2007-Apr-20 11/695396 2007-Nov-29 2007/0153514-A1 US 2007-Apr-20 11/737805 2007-Aug-16 2007-0183514-A1 2011-Jun-19 7980726 202 US 2007-Apr-20 11/737805 2007-Aug-16 2007-018364-A1 2009-Feb-02 7654703 202 US 2007-Apr-20 11/737805 2007-Aug-16 2007-018364-A1 2009-Feb-02 7654703 202 US 2007-Apr-20 11/737805 2007-Aug-16 2007-018304-A1 2009-Feb-02 7654703 202 US 2007-Aug-11 11/761491 2007-Oct-11 2007-0237284-A1 2009-Oct-06 759868 201 US 2007-Jun-19 12/303076 2009-Jun-19 2009-028477-A1 2009-Oct-06 759868 201 US 2007-Jun	025-Oct-10
US         2006-Nov-13         12/093463         2008-Oct-16         2008-D253119-A1         2011-Mar-29         7914173         202           US         2006-Nov-17         11/561031         2007-Apr-19         2007-0086754-A1         2010-Oct-05         7809448         202           US         2006-Dec-06         12/096801         2008-Dec-04         2008-0258053-A1         2010-Jun-08         7731390         202           US         2006-Dec-01         12/096613         2008-Dec-04         2008-0298054-A1         2011-Feb-01         787868         202           US         2006-Dec-20         11/613442         2007-Apr-19         2007-0002981-A1         2015-Feb-01         758688         202           US         2006-Dec-20         11/615124         2007-Sep-06         2007-0026375-A1         2001-Jun-21         7550935         201           US         2007-Jan-10         12/160947         2011-Sep-20         8022632         202           US         2007-Jan-22         11/625608         2007-May-24         2007-0115665-A1         2001-Jun-14         7959320         201           US         2007-Jan-26         12/162372         2009-Jun-22         2009-0021182-A1         2012-Jun-16         8207881         202 <td< td=""><td>025-Jun-19</td></td<>	025-Jun-19
US   2006-Nov-17   11/561031   2007-Apr-19   2007-0086754-A1   2010-Oct-05   7809448   202   2006-Nov-20   12/094616   2008-Dec-04   2008-0298053-A1   2010-Jun-08   7731390   202   2006-Dec-06   12/096801   2008-Dec-04   2008-0265797-A1   202   2006-Dec-13   12/096613   2008-Dec-04   2008-0265797-A1   2011-Feb-01   7878688   202   2006-Dec-13   12/097927   2009-Jan-01   2009-0002981-A1   2011-Feb-01   7878688   202   2006-Dec-20   11/613442   2007-Apr-19   2007/0085489   2008-Apr-15   7358681   202   202   2006-Dec-20   12/158019   2009-May-28   2009-0134817-A1   2011-Aug-16   7999484   202	027-Apr-28
US         2006-Nov-20         12/096816         2008-Dec-04         2008-026597-A1         2010-Jun-08         7731390         202           US         2006-Dec-06         12/096801         2008-Oct-30         2008-026597-A1         2011-Jeb-01         7878688         202           US         2006-Dec-13         12/097927         2009-Jan-01         2008-0298054-A1         2011-Jeb-01         7878688         202           US         2006-Dec-20         11/613442         2007-Apr-19         2007005489         2008-Apr-15         7358681         202           US         2006-Dec-22         11/615124         2007-Sep-06         2007-0206375-A1         2009-Jun-23         7550935         201           US         2007-Jan-10         12/169947         2011-Sep-20         8022632         202           US         2007-Jan-22         11/625608         2007-May-24         2007-0115668-A1         2011-Jun-14         7959320         201           US         2007-Jan-26         12/162372         2009-Jan-22         2009-0021182-A1         2012-Jun-26         8207821         201           US         2007-Mar-02         12/282845         2009-May-21         2009-002185-A1         2011-Jun-19         7980726         202           US <td>020-Aug-23</td>	020-Aug-23
US 2006-Dec-06 12/096801 2008-Oct-30 2008-0265797-A1 2006-Dec-11 12/096613 2008-Dec-04 2008-0298054-A1 2011-Feb-01 7878688 202 202 2006-Dec-13 12/097927 2009-Jan-01 2009-0002981-A1 2009-00029-100-16 7999484 202 2009-00029-100-16 2009-100-16 7999484 202 2009-00029-100-16 2009-100-16 2009-100-16 7999484 2009-00029-100-16 2009-100-16 2	026-Nov-20
US         2006-Dec-13         12/097927         2009-Jan-01         2009-002981-A1         2011-Feb-01         7878688         202           US         2006-Dec-13         12/097927         2009-Jan-01         2009-002981-A1         2007-002081-A1         2007-00208-A1         2007-0	026-Dec-06
US         2006-Dec-13         12/097927         2009-Jan-01         2009-0002981-A1         202           US         2006-Dec-20         11/613442         2007-Apr-19         2007/0085489         2008-Apr-15         7358681         202           US         2006-Dec-22         11/615124         2007-May-28         2009-0134817-A1         2011-Aug-16         799484         202           US         2006-Dec-22         11/615124         2007-Sep-06         2007-0206375-A1         2009-Jun-23         7550935         201           US         2007-Jan-10         12/160947         2011-Sep-20         8022632         202           US         2007-Jan-22         11/625622         2007-May-24         2007-0115658-A1         2011-Jun-14         7959320         201           US         2007-Jan-26         12/162372         2009-Jan-22         2009-0021182-A1         2012-Jul-10         8217587         202           US         2007-Har-06         11/672664         2007-Jul-28         2007-015859-A1         2012-Jul-10         8217587         202           US         2007-Mar-13         11/685468         2007-Jul-05         2007-Mar-13         11/685468         2007-Jul-10         2007-Jul-12         2007-Jul-12         2007-Jul-12         2009-Jul-12	027-Aug-16
US         2006-Dec-20         12/158019         2009-May-28         2009-0134817-A1         2011-Aug-16         7999484         202           US         2007-Jan-10         12/160947         2007-0206375-A1         2009-Jun-23         7550935         201           US         2007-Jan-12         11/625608         2007-May-24         2007-0115658-A1         2011-Jun-14         7959320         201           US         2007-Jan-22         11/625622         2007-May-24         2007-0115665-A1         2009-Aug-11         7572028         201           US         2007-Jan-26         12/162372         2009-Jan-22         2009-0021182-A1         2012-Jun-16         8207821         202           US         2007-Har-06         11/672664         2007-Jun-28         2007-0145915-A1         2012-Jun-26         8207821         202           US         2007-Mar-02         12/282845         2009-May-21         2009-0128059-A1         2011-Jul-19         7980726         202           US         2007-Mar-13         11/685468         2007-Jul-05         2007-01291483-A1         2001-Jul-23         7550931         201           US         2007-Mar-13         11/695396         2007-Nov-29         2007/0274084         2010-Feb-24         7495671         202 <td>026-Dec-13</td>	026-Dec-13
US         2006-Dec-20         12/158019         2009-May-28         2009-0134817-A1         2011-Aug-16         7999484         202           US         2007-Jan-10         12/160947         2007-0206375-A1         2009-Jun-23         7550935         201           US         2007-Jan-12         11/625608         2007-May-24         2007-0115658-A1         2011-Jun-14         7959320         201           US         2007-Jan-22         11/625622         2007-May-24         2007-0115665-A1         2009-Aug-11         7572028         201           US         2007-Jan-26         12/162372         2009-Jan-22         2009-0021182-A1         2012-Jun-16         8207821         202           US         2007-Har-06         11/672664         2007-Jun-28         2007-0145915-A1         2012-Jun-26         8207821         202           US         2007-Mar-02         12/282845         2009-May-21         2009-0128059-A1         2011-Jul-19         7980726         202           US         2007-Mar-13         11/685468         2007-Jul-05         2007-01291483-A1         2001-Jul-23         7550931         201           US         2007-Mar-13         11/695396         2007-Nov-29         2007/0274084         2010-Feb-24         7495671         202 <td>025-Apr-06</td>	025-Apr-06
US 2007-Jan-10 12/160947 2007-May-24 2007-0115658-A1 2011-Jun-14 7959320 201 US 2007-Jan-22 11/625608 2007-May-24 2007-0115665-A1 2010-Jun-14 7959320 201 US 2007-Jan-26 12/162372 2009-Jan-22 2009-0021182-A1 2012-Jul-10 8217587 202 US 2007-Feb-08 11/672664 2007-Jun-28 2007-0145915-A1 2012-Jul-10 8217587 202 US 2007-Mar-02 12/282845 2009-May-21 2009-0128059-A1 2011-Jul-19 7980726 202 US 2007-Mar-13 11/685468 2007-Jul-05 2007-0153514-A1 2009-Jun-23 7550931 201 US 2007-Apr-02 11/695396 2007-Nov-29 2007/0274084 2010-Feb-02 7654703 202 US 2007-Apr-20 11/737805 2007-Aug-16 2007-0188427-A1 2009-Feb-24 7495671 202 US 2007-Apr-20 11/737805 2007-Aug-16 2007-0188427-A1 2009-Feb-24 7495671 202 US 2007-Apr-26 11/740380 2007-Aug-16 2007-0188427-A1 2009-Oct-06 7598686 201 US 2007-May-01 11/742697 2007-Aug-23 2007-0195526-A1 2010-Feb-09 7659674 201 US 2007-May-01 11/74697 2007-Aug-23 2007-0195526-A1 2010-Jeb-09 7659674 201 US 2007-May-11 11/804938 2007-May-12 11/804938 2007-Jun-12 11/761478 2007-Oct-11 2007-023379-A1 2010-Jun-09 7658506 202 US 2007-Jun-12 11/761478 2007-Oct-11 2007-0237284-A1 2009-Oct-06 7598684 201 US 2007-Jun-12 11/761478 2007-Oct-11 2007-0231363-A1 2010-Jun-09 7658506 202 US 2007-Jun-12 11/761478 2007-Oct-11 2007-0237284-A1 2009-Oct-06 7598684 201 US 2007-Jun-12 11/761478 2007-Oct-11 2007-0237284-A1 2009-Oct-06 7598684 201 US 2007-Jun-12 11/761478 2007-Oct-11 2007-0237284-A1 2010-Jun-19 7982414 202 US 2007-Jun-19 12/306706 2009-Sep-17 2009-023888-A1 2011-Jun-19 7982414 202 US 2007-Jun-19 12/306008 2009-Nov-12 2009-0278473-A1 2011-Jun-19 7982414 202 US 2007-Jun-10 11/775551 2008-Jun-17 2008-0012506-A1 2010-Dec-21 7854539 202 US 2007-Jul-05 12/374320 2009-Sep-17 2009-0231878-A1 2010-Dec-21 7854539 202 US 200	027-Sep-26
US 2007-Jan-22 11/625608 2007-May-24 2007-0115658-A1 2011-Jun-14 7959320 201 US 2007-Jan-22 11/625622 2007-May-24 2007-0115665-A1 2009-Aug-11 7572028 201 US 2007-Jan-26 12/162372 2009-Jan-22 2009-0021182-A1 2012-Jul-10 8217587 202 US 2007-Feb-08 11/672664 2007-Jun-28 2007-0145915-A1 2012-Jun-26 8207821 202 US 2007-Mar-02 12/282845 2009-May-21 2009-0128059-A1 2011-Jul-19 7980726 202 US 2007-Mar-13 11/685468 2007-Jul-05 2007-0153514-A1 US 2007-Mar-15 11/686491 2007-Dec-20 2007-0291483-A1 2009-Jun-23 7550931 201 US 2007-Apr-02 11/695396 2007-Nov-29 2007/0274084 2010-Feb-02 7654703 202 US 2007-Apr-20 11/737805 2007-Aug-16 2007-0189026-A1 2009-Feb-24 7495671 202 US 2007-Apr-20 12/298795 2009-Nov-19 2009-0284174-A1 2011-Dec-13 8076872 202 US 2007-Apr-26 11/740380 2007-Aug-16 2007-0188427-A1 2009-Oct-06 7598686 201 US 2007-Apr-26 11/740380 2007-Aug-16 2007-0188427-A1 2009-Oct-06 7598686 201 US 2007-May-01 11/742697 2007-Aug-16 2007-0185256-A1 2010-Feb-09 7659674 201 US 2007-May-02 12/299655 2009-Jul-16 2009-0179596-A1 2012-May-22 8183784 202 US 2007-May-12 11/804938 2007-Oct-11 2007-0236156-A1 2010-Feb-09 7658606 201 US 2007-Jun-12 11/761478 2007-Oct-11 2007-0236156-A1 2009-Oct-06 7598681 201 US 2007-Jun-12 11/761478 2007-Oct-11 2007-0237284-A1 2009-Oct-06 7598681 201 US 2007-Jun-12 11/761478 2007-Oct-11 2007-0237284-A1 2009-Oct-06 7598681 201 US 2007-Jun-12 11/761479 2007-Oct-11 2007-0237884-A1 2011-Nov-22 8063750 202 US 2007-Jun-20 12/306002 2009-Sep-17 2009-0230884-A1 2011-Nov-22 8063750 202 US 2007-Jun-21 12/306008 2009-Nov-12 2009-0278473-A1 2011-Jul-03 812393 202 US 2007-Jun-05 12/374320 2009-Sep-17 2009-0231878-A1 2010-Aug-10 7772787 202 US 2007-Jul-01 11/775551 2008-Jan-17 2008-0012502-A1 2008-Dec-09 7462997 201 US 2007-Jul-10 11/775551 2008-Jan-17 2008-0012502-A1 2008-Dec-09 7462997 201 US 2007-Jul-10 11/775551 2008-Jan-17 2008-0012502-A1 2008-Dec-09 7462997 201 US 2007-Jul-20 11/816472 2008-Jan-17 2008-0012502-A1 2010-Jun-15 7737643 202 US 2007-Jul-20 11/80574 2008-Jan-17 2008-0012502-A1 2010-Jun-15 7737643	018-May-15
US 2007-Jan-22 11/625622 2007-May-24 2007-0115665-A1 2009-Aug-11 7572028 201 US 2007-Jan-26 12/162372 2009-Jan-22 2009-0021182-A1 2012-Jul-10 8217587 202 US 2007-Feb-08 11/672664 2007-Jun-28 2007-0145915-A1 2012-Jul-10 8207821 202 US 2007-Mar-02 12/282845 2009-May-21 2009-0128059-A1 2011-Jul-19 7980726 202 US 2007-Mar-13 11/685468 2007-Jul-05 2007-0153514-A1 US 2007-Mar-15 11/686491 2007-Dec-20 2007-0291483-A1 2009-Jun-23 7550931 201 US 2007-Apr-02 11/695396 2007-Nov-29 2007/0274084 2010-Feb-02 7654703 202 US 2007-Apr-20 11/737805 2007-Aug-16 2007-0189026-A1 2009-Feb-24 7495671 202 US 2007-Apr-20 12/298795 2009-Nov-19 2009-0284174-A1 2011-Dec-13 8076872 202 US 2007-Apr-26 11/740380 2007-Aug-16 2007-0188427-A1 2009-Oct-06 7598686 201 US 2007-May-01 11/742697 2007-Aug-23 2007-0195526-A1 2010-Feb-09 7659674 201 US 2007-May-02 12/299655 2009-Jul-16 2009-0179596-A1 2010-Jan-09 7658506 202 US 2007-May-14 11/748100 2007-Nov-15 2007-0263379-A1 2010-Jan-09 7658506 202 US 2007-Jun-12 11/601478 2007-Oct-11 2007-0237284-A1 2009-Oct-06 7598684 201 US 2007-Jun-12 11/761478 2007-Oct-11 2007-0236156-A1 2009-Oct-06 7598684 201 US 2007-Jun-12 11/761479 2007-Oct-11 2007-0237284-A1 2009-Oct-06 7598684 201 US 2007-Jun-19 12/303760 2010-Sep-16 2010-0231363-A1 2011-Nov-22 8063750 202 US 2007-Jun-20 12/306020 2009-Sep-16 2010-0231363-A1 2011-Nov-22 8063750 202 US 2007-Jun-19 12/303760 2010-Sep-16 2010-0231363-A1 2011-Jul-19 7982414 202 US 2007-Jun-10 11/775551 2009-Sep-17 2009-023884-A1 2012-Mar-13 8134461 202 US 2007-Jul-05 12/374320 2009-Sep-17 2009-0231878-A1 2010-Dec-09 7462997 201 US 2007-Jul-10 11/775551 2008-Jan-17 2008-0012506-A1 2008-Dec-09 7462997 201 US 2007-Jul-10 11/775551 2008-Jan-17 2008-0012506-A1 2008-Dec-09 7462997 201 US 2007-Jul-10 11/785568 2008-Jan-17 2008-0012506-A1 2008-Dec-09 7462997 201 US 2007-Jul-10 11/78551 2008-Jan-17 2008-0012506-A1 2010-Dec-21 7854539 202 US 2007-Jul-20 11/816472 2008-Jan-17 2008-0012506-A1 2010-Dec-09 7462997 201 US 2007-Jul-20 11/80574 2008-Jan-17 2008-0012506-A1 2010-Dec-09 7462997 2	028-Mar-16
US         2007-Jan-26         12/162372         2009-Jan-22         2009-0021182-A1         2012-Jun-26         8217587         202           US         2007-Feb-08         11/672664         2007-Jun-28         2007-0145915-A1         2012-Jun-26         8207821         202           US         2007-Mar-02         12/282845         2009-May-21         2009-0128059-A1         2011-Jul-19         7980726         202           US         2007-Mar-13         11/685468         2007-Jul-05         2007-0153514-A1         2007-0291483-A1         2009-Jun-23         7550931         201           US         2007-Apr-02         11/695396         2007-Nov-29         2007-0189026-A1         2009-Feb-02         7654703         202           US         2007-Apr-02         11/737805         2007-Aug-16         2007-0189026-A1         2009-Feb-24         7495671         202           US         2007-Apr-20         12/298795         2009-Nov-19         2009-0284174-A1         2011-Dec-13         8076872         202           US         2007-Apr-26         11/740380         2007-Aug-16         2007-0188427-A1         2009-Oct-06         759868         201           US         2007-May-01         11/742697         2007-Aug-23         2007-1195526-A1         <	017-Aug-26
US         2007-Feb-08         11/672664         2007-Jun-28         2007-0145915-A1         2012-Jun-26         8207821         202           US         2007-Mar-02         12/282845         2009-May-21         2009-0128059-A1         2011-Jul-19         7980726         202           US         2007-Mar-13         11/685468         2007-Jul-05         2007-0153514-A1         2009-Jul-23         7550931         201           US         2007-Apr-102         11/695396         2007-Nov-29         20070274084         2010-Feb-02         7654703         202           US         2007-Apr-20         11/737805         2007-Aug-16         2007-0189026-A1         2009-Feb-24         7495671         202           US         2007-Apr-20         12/298795         2009-Nov-19         2009-284174-A1         2011-Dec-13         8076872         202           US         2007-Apr-26         11/740380         2007-Aug-16         2007-0188427-A1         2009-Oct-06         759868         201           US         2007-May-01         11/742697         2007-Jug-23         2007-0195526-A1         2010-Feb-09         7659674         201           US         2007-May-02         12/299655         2009-Jul-16         2009-Jul-16         2010-Feb-09         765866 <td>017-Nov-10</td>	017-Nov-10
US         2007-Mar-02         12/282845         2009-May-21         2009-0128059-A1         2011-Jul-19         7980726         202           US         2007-Mar-13         11/685468         2007-Jul-05         2007-0153514-A1	027-Jan-26
US         2007-Mar-13         11/685468         2007-Jul-05         2007-0153514-A1         2007-Mar-15         11/686491         2007-Dec-20         2007-0291483-A1         2009-Jun-23         7550931         201           US         2007-Apr-02         11/695396         2007-Nov-29         2007/0274084         2010-Feb-02         7654703         202           US         2007-Apr-20         11/737805         2007-Aug-16         2007-0189026-A1         2009-Feb-24         7495671         202           US         2007-Apr-20         12/298795         2009-Nov-19         2009-2084174-A1         2011-Dec-13         8076872         202           US         2007-Apr-26         11/740380         2007-Aug-16         2007-0188427-A1         2009-Oct-06         7598686         201           US         2007-May-01         11/742697         2007-Aug-23         2007-0195526-A1         2010-Feb-09         7659674         201           US         2007-May-02         12/299655         2009-Jul-16         2009-0179596-A1         2012-May-22         8183784         202           US         2007-May-14         11/748100         2007-Nov-15         2007-0263379-A1         2010-Jan-09         7658506         202           US         2007-Jun-12         11/	027-May-28
US         2007-Mar-15         11/686491         2007-Dec-20         2007-0291483-A1         2009-Jun-23         7550931         201           US         2007-Apr-02         11/695396         2007-Nov-29         2007/0274084         2010-Feb-02         7654703         202           US         2007-Apr-20         11/737805         2007-Aug-16         2007-189026-A1         2009-Feb-24         7495671         202           US         2007-Apr-20         12/298795         2009-Nov-19         2009-0284174-A1         2011-Dec-13         8076872         202           US         2007-Apr-26         11/740380         2007-Aug-16         2007-0188427-A1         2009-0ct-06         7598686         201           US         2007-May-01         11/742697         2007-Aug-23         2007-0195526-A1         2010-Feb-09         7659674         201           US         2007-May-02         12/299655         2009-Jul-16         2009-0179596-A1         2010-Feb-09         7659674         201           US         2007-May-14         11/748100         2007-Nov-15         2007-0263379-A1         2010-Jan-09         7658506         202           US         2007-Jun-12         11/761478         2007-Oct-01         2007-0236156-A1         2010-Jan-09         7658	028-Jan-16
US 2007-Apr-02 11/695396 2007-Nov-29 2007/0274084 2010-Feb-02 7654703 202 US 2007-Apr-20 11/737805 2007-Aug-16 2007-0189026-A1 2009-Feb-24 7495671 202 US 2007-Apr-20 12/298795 2009-Nov-19 2009-0284174-A1 2011-Dec-13 8076872 202 US 2007-Apr-26 11/740380 2007-Aug-16 2007-0188427-A1 2009-Oct-06 7598686 201 US 2007-May-01 11/742697 2007-Aug-23 2007-0195526-A1 2010-Feb-09 7659674 201 US 2007-May-02 12/299655 2009-Jul-16 2009-0179596-A1 2012-May-22 8183784 202 US 2007-May-14 11/748100 2007-Nov-15 2007-0263379-A1 2010-Jan-09 7658506 202 US 2007-May-21 11/804938 2007-Jun-12 11/761478 2007-Oct-11 2007-0236156-A1 2009-Oct-06 7598681 201 US 2007-Jun-12 11/761491 2007-Oct-11 2007-0237284-A1 2009-Oct-06 7598681 201 US 2007-Jun-19 12/303760 2010-Sep-16 2010-0231363-A1 2011-Nov-22 8063750 202 US 2007-Jun-20 12/306020 2009-Sep-17 2009-0230884-A1 2012-Mar-13 8134461 202 US 2007-Jul-03 12/306736 2009-Jul-30 2009-0278473-A1 2011-Jul-19 7982414 202 US 2007-Jul-03 12/306736 2009-Jul-30 2009-0278473-A1 2011-Jul-19 7982414 202 US 2007-Jul-03 12/304736 2009-Sep-17 2009-0231878-A1 2012-Jul-03 8212393 202 US 2007-Jul-10 11/775551 2008-Jan-17 2008-0012506-A1 2008-Dec-09 7462997 201 US 2007-Jul-12 11/77008 2008-Jan-17 2008-0012506-A1 2008-Dec-09 7462997 201 US 2007-Jul-12 11/780574 2008-Jan-17 2008-0012502-A1 2010-Aug-10 7772787 202 US 2007-Jul-20 11/814472 2008-0012502-A1 2010-Jun-15 7737643 202 US 2007-Jul-20 11/836568 2008-Jan-17 2008-0012502-A1 2010-Jun-15 7737643 202 US 2007-Jul-20 11/836568 2008-Jan-17 2008-012502-A1 2010-Jun-15 7737643 202 US 2007-Aug-09 11/836550 2008-Jan-17 2008-0164854-A1 2012-Mar-13 8134303 203 US 2007-Aug-09 11/836550 2008-Jul-10 20	010 1 05
US 2007-Apr-20 11/737805 2007-Aug-16 2007-0189026-A1 2009-Feb-24 7495671 202 2007-Apr-20 12/298795 2009-Nov-19 2009-0284174-A1 2011-Dec-13 8076872 202 US 2007-Apr-26 11/740380 2007-Aug-16 2007-0188427-A1 2009-Oct-06 7598686 201 US 2007-May-01 11/742697 2007-Aug-23 2007-0195526-A1 2010-Feb-09 7659674 201 US 2007-May-02 12/299655 2009-Jul-16 2009-0179596-A1 2012-May-22 8183784 202 US 2007-May-14 11/748100 2007-Nov-15 2007-0263379-A1 2010-Jan-09 7658506 202 US 2007-May-21 11/7641478 2007-Oct-11 2007-0236156-A1 2009-Oct-06 7598684 201 US 2007-Jun-12 11/761491 2007-Oct-11 2007-0237284-A1 2009-Oct-06 7598684 201 US 2007-Jun-19 12/303760 2010-Sep-16 2010-0231363-A1 2011-Nov-22 8063750 202 US 2007-Jun-20 12/306020 2009-Sep-17 2009-0230884-A1 2012-Mar-13 8134461 202 US 2007-Jun-21 12/306008 2009-Nov-12 2009-0278473-A1 2011-Jul-19 7982414 202 US 2007-Jul-03 12/306736 2009-Jul-30 2009-0189448-A1 2012-Jul-03 8212393 202 US 2007-Jul-05 12/374320 2009-Sep-17 2009-0231878-A1 2010-Dec-21 7854539 202 US 2007-Jul-10 11/775551 2008-Jan-17 2008-0012506-A1 2008-Dec-09 7462997 201 US 2007-Jul-12 11/77008 2008-Jan-17 2008-0012506-A1 2008-Dec-09 7462997 201 US 2007-Jul-20 11/816472 2008-Jan-17 2008-0012506-A1 2010-Jun-15 7737643 202 US 2007-Jul-20 11/836568 2008-Jan-17 2008-0012502-A1 2010-Jun-15 7737643 202 US 2007-Aug-09 11/836550 2008-Jul-10 2008-0164854-A1 2012-Mar-13 8134303 203 US 2007-Aug-09 11/836550 2008-Jul-10 2008-01648	018-Apr-05
US         2007-Apr-20         12/298795         2009-Nov-19         2009-0284174-A1         2011-Dec-13         8076872         202           US         2007-Apr-26         11/740380         2007-Aug-16         2007-0188427-A1         2009-Oct-06         7598686         201           US         2007-May-01         11/742697         2007-Aug-23         2007-0195526-A1         2010-Feb-09         7659674         201           US         2007-May-02         12/299655         2009-Jul-16         2009-0179596-A1         2012-May-22         8183784         202           US         2007-May-14         11/748100         2007-Nov-15         2007-0263379-A1         2010-Jan-09         7658506         202           US         2007-Jun-12         11/761478         2007-Oct-11         2007-0236156-A1         2009-Oct-06         7598681         201           US         2007-Jun-12         11/761478         2007-Oct-11         2007-0237284-A1         2009-Oct-06         7598681         201           US         2007-Jun-19         12/303760         2010-Sep-16         2010-0231363-A1         2011-Nov-22         8063750         202           US         2007-Jun-20         12/306020         2009-Sep-17         2009-0231884-A1         2011-Nov-22	025-Jan-28
US 2007-Apr-26 11/740380 2007-Aug-16 2007-0188427-A1 2009-Oct-06 7598686 201 US 2007-May-01 11/742697 2007-Aug-23 2007-0195526-A1 2010-Feb-09 7659674 201 US 2007-May-02 12/299655 2009-Jul-16 2009-0179596-A1 2012-May-22 8183784 202 US 2007-May-14 11/748100 2007-Nov-15 2007-0263379-A1 2010-Jan-09 7658506 202 US 2007-May-21 11/804938 2007-Oct-11 2007-0236156-A1 2009-Oct-06 7598681 201 US 2007-Jun-12 11/761478 2007-Oct-11 2007-0236156-A1 2009-Oct-06 7598681 201 US 2007-Jun-19 12/303760 2010-Sep-16 2010-0231363-A1 2011-Nov-22 8063750 202 US 2007-Jun-20 12/306020 2009-Sep-17 2009-0230884-A1 2012-Mar-13 8134461 202 US 2007-Jun-21 12/306008 2009-Nov-12 2009-0278473-A1 2011-Jul-19 7982414 202 US 2007-Jul-03 12/306736 2009-Jul-30 2009-0189448-A1 2012-Jul-03 8212393 202 US 2007-Jul-05 12/374320 2009-Sep-17 2009-0231878-A1 2010-Dec-21 7854539 202 US 2007-Jul-10 11/775551 2008-Jan-17 2008-0012506-A1 2008-Dec-09 7462997 201 US 2007-Jul-20 11/814472 2008-0012506-A1 2008-Dec-09 7462997 201 US 2007-Jul-20 11/814472 2008-0012502-A1 2010-Jun-15 7737643 202 US 2007-Jul-20 11/80574 2008-Jan-17 2008-0012502-A1 2010-Jun-15 7737643 202 US 2007-Aug-09 11/836550 2008-Jul-10 2008-0164854-A1 2012-Mar-13 8134303 203	025-Jan-20
US 2007-May-01 11/742697 2007-Aug-23 2007-0195526-A1 2010-Feb-09 7659674 2011 US 2007-May-02 12/299655 2009-Jul-16 2009-0179596-A1 2012-May-22 8183784 2022 US 2007-May-14 11/748100 2007-Nov-15 2007-0263379-A1 2010-Jan-09 7658506 2022 US 2007-May-21 11/804938 2007-Oct-11 2007-0236156-A1 2009-Oct-06 7598681 2011 US 2007-Jun-12 11/761478 2007-Oct-11 2007-0236156-A1 2009-Oct-06 7598681 2011 US 2007-Jun-12 11/761491 2007-Oct-11 2007-0237284-A1 2009-Oct-06 7598684 2011 US 2007-Jun-19 12/303760 2010-Sep-16 2010-0231363-A1 2011-Nov-22 8063750 2022 US 2007-Jun-20 12/306020 2009-Sep-17 2009-0230884-A1 2012-Mar-13 8134461 2022 US 2007-Jun-21 12/306008 2009-Nov-12 2009-0278473-A1 2011-Jul-19 7982414 2022 US 2007-Jul-03 12/306736 2009-Jul-30 2009-0189448-A1 2012-Jul-03 8212393 2022 US 2007-Jul-05 12/374320 2009-Sep-17 2009-0231878-A1 2010-Dec-21 7854539 2022 US 2007-Jul-10 11/775551 2008-Jan-17 2008-0012506-A1 2008-Dec-09 7462997 2011 US 2007-Jul-20 11/814472 2008-0012506-A1 2008-Dec-09 7462997 2011 US 2007-Jul-20 11/814472 2008-0012502-A1 2010-Jun-15 7737643 2022 US 2007-Jul-20 11/80574 2008-Jan-17 2008-0012502-A1 2010-Jun-15 7737643 2022 US 2007-Aug-09 11/836568 2008-Jul-10 2008-0164854-A1 2012-Mar-13 8134303 2039	028-Aug-31
US 2007-May-02 12/299655 2009-Jul-16 2009-0179596-A1 2012-May-22 8183784 202 US 2007-May-14 11/748100 2007-Nov-15 2007-0263379-A1 2010-Jan-09 7658506 202 US 2007-May-21 11/804938 2007-Oct-11 2007-0236156-A1 2009-Oct-06 7598681 201 US 2007-Jun-12 11/761478 2007-Oct-11 2007-0236156-A1 2009-Oct-06 7598681 201 US 2007-Jun-19 12/303760 2010-Sep-16 2010-0231363-A1 2011-Nov-22 8063750 202 US 2007-Jun-20 12/306020 2009-Sep-17 2009-0230884-A1 2012-Mar-13 8134461 202 US 2007-Jun-21 12/306008 2009-Nov-12 2009-0278473-A1 2011-Jul-19 7982414 202 US 2007-Jul-03 12/306736 2009-Jul-30 2009-0189448-A1 2012-Jul-03 8212393 202 US 2007-Jul-05 12/374320 2009-Sep-17 2009-0231878-A1 2010-Dec-21 7854539 202 US 2007-Jul-10 11/775551 2008-Jan-17 2008-0012506-A1 2008-Dec-09 7462997 201 US 2007-Jul-20 11/814472 2008-0012506-A1 2010-Aug-10 7772787 202 US 2007-Jul-20 11/814472 2008-0012502-A1 2010-Jun-15 7737643 202 US 2007-Aug-09 11/836550 2008-Jul-10 2008-0164854-A1 2012-Mar-13 8134303 203	017-Dec-18
US 2007-May-14 11/748100 2007-Nov-15 2007-0263379-A1 2010-Jan-09 7658506 202 US 2007-May-21 11/804938 2007-Oct-11 2007-0236156-A1 2009-Oct-06 7598681 2011 US 2007-Jun-12 11/761478 2007-Oct-11 2007-0237284-A1 2009-Oct-06 7598684 2011 US 2007-Jun-19 12/303760 2010-Sep-16 2010-0231363-A1 2011-Nov-22 8063750 202 US 2007-Jun-20 12/306020 2009-Sep-17 2009-0230884-A1 2012-Mar-13 8134461 202 US 2007-Jun-21 12/306008 2009-Nov-12 2009-0278473-A1 2011-Jul-19 7982414 202 US 2007-Jul-03 12/306736 2009-Jul-30 2009-0189448-A1 2012-Jul-03 8212393 2022 US 2007-Jul-05 12/374320 2009-Sep-17 2009-0231878-A1 2010-Dec-21 7854539 2022 US 2007-Jul-10 11/775551 2008-Jan-17 2008-0012506-A1 2008-Dec-09 7462997 2011 US 2007-Jul-12 11/77008 2008-Jan-17 2008/0013314 2010-Aug-10 7772787 202 US 2007-Jul-20 11/814472 2011-Feb-22 7894050 202 US 2007-Jul-20 11/80574 2008-Jan-17 2008-0012502-A1 2010-Jun-15 7737643 202 US 2007-Aug-09 11/836550 2008-Jul-10 2008-0164854-A1 2012-Mar-13 8134303 2031	017-Aug-26
US 2007-May-21 11/804938 2007-Oct-11 2007-0236156-A1 2009-Oct-06 7598681 2011 US 2007-Jun-12 11/761491 2007-Oct-11 2007-0237284-A1 2009-Oct-06 7598684 2011 US 2007-Jun-19 12/303760 2010-Sep-16 2010-0231363-A1 2011-Nov-22 8063750 2021 US 2007-Jun-20 12/306020 2009-Sep-17 2009-0230884-A1 2012-Mar-13 8134461 2021 US 2007-Jun-21 12/306008 2009-Nov-12 2009-0278473-A1 2011-Jul-19 7982414 2021 US 2007-Jul-03 12/306736 2009-Jul-30 2009-0278473-A1 2011-Jul-19 7982414 2021 US 2007-Jul-05 12/374320 2009-Sep-17 2009-0231878-A1 2010-Dec-21 7854539 2021 US 2007-Jul-10 11/775551 2008-Jan-17 2008-0012506-A1 2008-Dec-09 7462997 2011 US 2007-Jul-12 11/777008 2008-Jan-17 2008/0013314 2010-Aug-10 7772787 2021 US 2007-Jul-20 11/814472 2011-Feb-22 7894050 2021 US 2007-Aug-09 11/836568 2008-Jan-17 2008-012502-A1 2010-Jun-15 7737643 2021 US 2007-Aug-09 11/836550 2008-Jul-10 2008-0164854-A1 2012-Mar-13 8134303 2031	029-Apr-05 028-Feb-01
US 2007-Jun-12 11/761478 2007-Oct-11 2007-0236156-A1 2009-Oct-06 7598681 2011 US 2007-Jun-12 11/761491 2007-Oct-11 2007-0237284-A1 2009-Oct-06 7598684 2011 US 2007-Jun-19 12/303760 2010-Sep-16 2010-0231363-A1 2011-Nov-22 8063750 202 US 2007-Jun-20 12/306020 2009-Sep-17 2009-0230884-A1 2012-Mar-13 8134461 202 US 2007-Jun-21 12/306008 2009-Nov-12 2009-0278473-A1 2011-Jul-19 7982414 202 US 2007-Jul-03 12/306736 2009-Jul-30 2009-0189448-A1 2012-Jul-03 8212393 2022 US 2007-Jul-05 12/374320 2009-Sep-17 2009-0231878-A1 2010-Dec-21 7854539 2022 US 2007-Jul-10 11/775551 2008-Jan-17 2008-0012506-A1 2008-Dec-09 7462997 2012 US 2007-Jul-12 11/777008 2008-Jan-17 2008/0013314 2010-Aug-10 7772787 202 US 2007-Jul-20 11/814472 2011-Feb-22 7894050 2022 US 2007-Jul-20 11/780574 2008-Jan-17 2008-0012502-A1 2010-Jun-15 7737643 2022 US 2007-Aug-09 11/836568 2008-Jul-10 2008-0164854-A1 2012-Mar-13 8134303 2039	028-Feb-01 023-May-13
US 2007-Jun-12 11/761491 2007-Oct-11 2007-0237284-A1 2009-Oct-06 7598684 2011   US 2007-Jun-19 12/303760 2010-Sep-16 2010-0231363-A1 2011-Nov-22 8063750 202   US 2007-Jun-20 12/306020 2009-Sep-17 2009-0230884-A1 2012-Mar-13 8134461 202   US 2007-Jun-21 12/306008 2009-Nov-12 2009-0278473-A1 2011-Jul-19 7982414 202   US 2007-Jul-03 12/306736 2009-Jul-30 2009-0189448-A1 2012-Jul-03 8212393 2022   US 2007-Jul-05 12/374320 2009-Sep-17 2009-0231878-A1 2010-Dec-21 7854539 2022   US 2007-Jul-10 11/775551 2008-Jan-17 2008-0012506-A1 2008-Dec-09 7462997 2012   US 2007-Jul-12 11/777008 2008-Jan-17 2008/0013314 2010-Aug-10 7772787 202   US 2007-Jul-20 11/814472	017-Aug-26
US 2007-Jun-20 12/303760 2010-Sep-16 2010-0231363-A1 2011-Nov-22 8063750 202 US 2007-Jun-20 12/306020 2009-Sep-17 2009-0230884-A1 2012-Mar-13 8134461 202 US 2007-Jun-21 12/306008 2009-Nov-12 2009-0278473-A1 2011-Jul-19 7982414 202 US 2007-Jul-03 12/306736 2009-Jul-30 2009-0189448-A1 2012-Jul-03 8212393 2022 US 2007-Jul-05 12/374320 2009-Sep-17 2009-0231878-A1 2010-Dec-21 7854539 2022 US 2007-Jul-10 11/775551 2008-Jan-17 2008-0012506-A1 2008-Dec-09 7462997 2012 US 2007-Jul-12 11/777008 2008-Jan-17 2008/0013314 2010-Aug-10 7772787 202 US 2007-Jul-20 11/814472 2011-Feb-22 7894050 2022 US 2007-Jul-20 11/780574 2008-Jan-17 2008-0012502-A1 2010-Jun-15 7737643 2022 US 2007-Aug-09 11/836568 2008-Jul-10 2008-0164854-A1 2012-Mar-13 8134303 2036	017-Aug-20 017-Oct-28
US         2007-Jun-20         12/306020         2009-Sep-17         2009-0230884-A1         2012-Mar-13         8134461         202           US         2007-Jun-21         12/306008         2009-Nov-12         2009-0278473-A1         2011-Jul-19         7982414         202           US         2007-Jul-03         12/306736         2009-Jul-30         2009-0189448-A1         2012-Jul-03         8212393         202           US         2007-Jul-05         12/374320         2009-Sep-17         2009-0231878-A1         2010-Dec-21         7854539         202           US         2007-Jul-10         11/775551         2008-Jan-17         2008-0012506-A1         2008-Dec-09         7462997         201           US         2007-Jul-12         11/777008         2008-Jan-17         2008/0013314         2010-Aug-10         7772787         202           US         2007-Jul-20         11/814472         2008-0012502-A1         2010-Jun-15         7737643         202           US         2007-Aug-09         11/836568         2011-Sep-27         8026673         203           US         2007-Aug-09         11/836550         2008-Jul-10         2008-0164854-A1         2012-Mar-13         8134303         203	028-Mar-12
US       2007-Jun-21       12/306008       2009-Nov-12       2009-0278473-A1       2011-Jul-19       7982414       202         US       2007-Jul-03       12/306736       2009-Jul-30       2009-0189448-A1       2012-Jul-03       8212393       202         US       2007-Jul-05       12/374320       2009-Sep-17       2009-0231878-A1       2010-Dec-21       7854539       202         US       2007-Jul-10       11/775551       2008-Jan-17       2008-0012506-A1       2008-Dec-09       7462997       201         US       2007-Jul-12       11/777008       2008-Jan-17       2008/0013314       2010-Aug-10       7772787       202         US       2007-Jul-20       11/814472       2008-Jan-17       2008-0012502-A1       2010-Jun-15       7737643       202         US       2007-Aug-09       11/836568       2011-Sep-27       8026673       203         US       2007-Aug-09       11/836550       2008-Jul-10       2008-0164854-A1       2012-Mar-13       8134303       203	028-Nov-27
US 2007-Jul-03 12/306736 2009-Jul-30 2009-0189448-A1 2012-Jul-03 8212393 202: US 2007-Jul-05 12/374320 2009-Sep-17 2009-0231878-A1 2010-Dec-21 7854539 202: US 2007-Jul-10 11/775551 2008-Jan-17 2008-0012506-A1 2008-Dec-09 7462997 201: US 2007-Jul-12 11/777008 2008-Jan-17 2008/0013314 2010-Aug-10 7772787 202: US 2007-Jul-20 11/814472 2011-Feb-22 7894050 202: US 2007-Jul-20 11/780574 2008-Jan-17 2008-0012502-A1 2010-Jun-15 7737643 202: US 2007-Aug-09 11/836568 2011-Sep-27 8026673 203: US 2007-Aug-09 11/836550 2008-Jul-10 2008-0164854-A1 2012-Mar-13 8134303 203:	028-Jul-16
US       2007-Jul-05       12/374320       2009-Sep-17       2009-0231878-A1       2010-Dec-21       7854539       202         US       2007-Jul-10       11/775551       2008-Jan-17       2008-0012506-A1       2008-Dec-09       7462997       201         US       2007-Jul-12       11/777008       2008-Jan-17       2008/0013314       2010-Aug-10       7772787       202         US       2007-Jul-20       11/814472       2008-Jan-17       2008-0012502-A1       2010-Jun-15       7737643       202         US       2007-Aug-09       11/836568       2011-Sep-27       8026673       203         US       2007-Aug-09       11/836550       2008-Jul-10       2008-0164854-A1       2012-Mar-13       8134303       203	029-Jan-13
US     2007-Jul-10     11/775551     2008-Jan-17     2008-0012506-A1     2008-Dec-09     7462997     201       US     2007-Jul-12     11/777008     2008-Jan-17     2008/0013314     2010-Aug-10     7772787     202       US     2007-Jul-20     11/814472     2008-Jan-17     2008-0012502-A1     2010-Jun-15     7894050     202       US     2007-Jul-20     11/836568     2011-Sep-27     8026673     203       US     2007-Aug-09     11/836550     2008-Jul-10     2008-0164854-A1     2012-Mar-13     8134303     203	027-Dec-05
US     2007-Jul-12     11/777008     2008-Jan-17     2008/0013314     2010-Aug-10     7772787     202       US     2007-Jul-20     11/814472     2011-Feb-22     7894050     202       US     2007-Jul-20     11/780574     2008-Jan-17     2008-0012502-A1     2010-Jun-15     7737643     202       US     2007-Aug-09     11/836568     2011-Sep-27     8026673     203       US     2007-Aug-09     11/836550     2008-Jul-10     2008-0164854-A1     2012-Mar-13     8134303     203	017-Aug-26
US     2007-Jul-20     11/814472     2011-Feb-22     7894050     202       US     2007-Jul-20     11/780574     2008-Jan-17     2008-0012502-A1     2010-Jun-15     7737643     202       US     2007-Aug-09     11/836568     2011-Sep-27     8026673     203       US     2007-Aug-09     11/836550     2008-Jul-10     2008-0164854-A1     2012-Mar-13     8134303     203	028-Oct-30
US     2007-Jul-20     11/780574     2008-Jan-17     2008-0012502-A1     2010-Jun-15     7737643     202       US     2007-Aug-09     11/836568     2011-Sep-27     8026673     203       US     2007-Aug-09     11/836550     2008-Jul-10     2008-0164854-A1     2012-Mar-13     8134303     203	026-May-19
US       2007-Aug-09       11/836568       2011-Sep-27       8026673       2030         US       2007-Aug-09       11/836550       2008-Jul-10       2008-0164854-A1       2012-Mar-13       8134303       2030	026-Apr-08
US 2007-Aug-09 11/836550 2008-Jul-10 2008-0164854-A1 2012-Mar-13 8134303 2039	030-Jul-27
· · · · · · · · · · · · · · · · · · ·	030-Nov-26
05 2007-Aug-07 11/050500 202	027-Aug-09
·	028-Feb-15
č	027-Nov-28
US 2007-Aug-24 60/968002	

CTY	Fil.Date	Application No.	Pub. Data	Publication No.	Grant Date	Grant No.	Expiry Date
US	2007-Sep-03	12/439307	2010-Apr-15	2010-0094439-A1			2027-Sep-03
US	2007-Sep-18	12/439798	2009-Dec-31	2009-0321666-A1			2027-Sep-18
US	2007-Sep-20	12/443852	2010-Feb-04	2010-0026191-A1	2011-Nov-29	8067898	2028-Aug-30
US	2007-Sep-20	12/443859	2010-Jul-01	2010-164399-A1	2012-Jan-31	8106599	2028-May-09
US	2007-Sep-20	12/443855	2010-Mar-25	2010-0072902-A1	2011-Oct-11	8035313	2028-Sep-27
US	2007-Sep-20	11/858847	2008-Mar-20	2008/0068192	2010-Mar-30	7688002	2027-Nov-28
US	2007-Oct-11	12/445320	2010-Apr-15	2010-0091488-A1	2011-Nov-01	8047696	2028-Mar-31
US	2007-Oct-19	11/875196	2008-Apr-24	2008-0094005-A1	2011-Jun-14	7961113	2029-Oct-16
US	2007-Oct-31	11/931684	2008-May-01	2008/0101064	2010-Jun-08	7731389	2028-Aug-01
US	2007-Nov-06	12/513520	2010-Mar-25	2010-0072901-A1	2011-Sep-06	8013533	2028-Aug-25
US	2007-Nov-09	11/938051			2010-Aug-24	7781979	2029-Feb-17
US	2007-Nov-27	12/516027	2010-Feb-25	2010-0045478-A1	- C		2027-Nov-27
US	2007-Nov-27	11/945480			2010-Oct-05	7806558	2028-Dec-31
US	2007-Dec-04	12/517371	2010-Apr-08	2010-0084995-A1	2012-Feb-14	8115410	2029-Feb-05
US	2007-Dec-04	60/992186	<u>.</u>				
US	2007-Dec-05	12/517810	2010-Dec-09	2010-0308745-A1	2012-May-08	8174210	2029-Jan-13
US	2007-Dec-07	12/517367	2010-Apr-01	2010-0079091-A1			2027-Dec-07
US	2007-Dec-11	12/001786	2008-Sep-04	2008-0215279-A1	2011-Jan-11	7868562	2029-Jan-25
US	2007-Dec-11	12/001642	2008-Jul-10	2008-0167734-A1			2027-Dec-11
US	2007-Dec-12	11/955196					2027-Dec-12
US	2008-Mar-31	12/593308	2010-Apr-29	2010-0102732-A1	2012-Jun-19	8203284	2029-Jan-06
US	2008-Apr-04	12/593382	2010-May-13	2010-0118531-A1	2012-Jul-17	8220958	2028-Apr-04
US	2008-Apr-15	12/595646	2010-May-13	2010-0117543-A1	2012-Sep-04	8258707	2028-Apr-15
US	2008-Apr-21	12/596484	2010-Jun-03	2010-0134041-A1	2012-Apr-17	8159454	2028-Dec-05
US	2008-Apr-23	12/596863	2010-May-13	2010-0117656-A1	2011-Dec-13	8076953	2028-Jun-29
US	2008-Apr-28	12/598098	2010-Jun-03	2010-0134042-A1	2011 200 10	00,000	2028-Apr-28
US	2008-Apr-30	12/113320	2008-Nov-13	2008-0278092-A1			2028-Apr-30
US	2008-May-02	12/114062	2008-Nov-13	2008-0278941-A1	2011-Feb-01	7878683	2028-Aug-20
US	2008-May-09	12/599351	2010-Dec-02	2010-0301780-A1			2028-May-09
US	2008-May-30	12/602206	2010-Jul-08	2010-0171771-A1			2028-May-30
US	2008-Jun-09	12/663522	2010-Jul-01	2010-0165618-A1			2028-Jun-09
US	2008-Jun-23	12/665126	2010-Jul-29	2010-0188007-A1	2012-Sep-04	8258713	2028-Jun-23
US	2008-Jun-30	12/666826	2010-Jul-22	2010-0181936-A1	2012-Aug-14	8242710	2028-Jun-30
US	2008-Jul-21	12/669059	2010-Aug-05	2010-0194293-A1	2012-Apr-17	8159155	2029-Apr-18
US	2008-Aug-14	12/673038	2012-May-17	US-2012-0119670-A1		0.007.000	2028-Aug-14
US	2008-Aug-29	12/281165	2009-Jan-22	2009-0021175-A1			2028-Aug-29
US	2008-Nov-05	12/265354	2009-Mar-19	2009-0072761-A1			2025-Dec-09
US	2008-Nov-24	12/744088	2010-Sep-30	2010-0244734-A1			2028-Nov-24
US	2008-Dec-02	12/746540	2010-Sep-30	2010-0244707-A1			2028-Dec-02
US	2008-Dec-02	12/746551	2010-Oct-21	2010-0264834-A1			2028-Dec-02
US	2008-Dec-16	12/747521	2010-Oct-28	2010-0271843-A1			2028-Dec-16
US	2008-Dec-22	12/808910	2011-Nov-24	2011-0285292-A1			2028-Dec-22
US	2008-Dec-29	12/810535	2011-Feb-10	2011-0035404-A1			2028-Dec-29
US	2008-Dec-30	12/345953	2010-Jun-17	2010-0148689-A1	2011-Sep-06	8013281	2020-Dec-20
US	2009-May-28	12/473739	2010-Sep-16	2010-0231133-A1	<b>2</b> 011 <b>50</b> p 00	0010201	2027-Nov-09
US	2010-Jan-27	12/694353	2010-May-27	2010-0127633-A1	2011-Jul-26	7986103	2025-Jun-28
US	2010-Aug-11	12/854200	2011-Mar-03	2011-0050122-A1	2012-Feb-21	8120279	2025-Jul-14
US	2010-Oct-08	12/900535	2011-Feb-03	2011-0025205-A1	2012-Aug-14	8240900	2025-Sep-19
US	2010-Dec-22	12/975991	2011-Apr-21	2011-0025205 AT		32.0000	2028-Aug-20
US	2011-May-16	13/108551	2011-Sep-08	2011-0216538-A1			2031-May-16
US	2011-Nov-04	13/289609	2011-Sep-08 2012-Feb-23	US-2012-0044670-A1	2012-Jun-26	8206001	2026-May-22
US	2012-Mar-12	13/417622	2012-Jul-05	US-2012-0169254-A1	2012 Juli 20	020001	2020 may 22
US	2012-Jun-04	13/487305	2012 341 03	00 2012 010,23 1 111			

#### **LEGEND**

CTY Country Code as used by WIPO

Number of the patent application at the respective patent office App Nr

Fil date

Filing Date
Publication Number Pub Nr Pub date Publication Date Grant Nr Grant Number Grant date Grant Date

Estimated Expiry Date\* Exp date

In case the estimated expiry date deviates from the actual expiry date, the latter prevails.

 CTY
 Fil.Date
 Application No.
 Pub. Data
 Publication No.
 Grant Date
 Grant No.
 Expiry Date

#### NOTES:

- 1. The above list of Patents is for information purposes only and may be updated from time to time. In the event of any discrepancy between the above information and any patent license agreement related to this licensing program, the patent license agreement shall prevail.
- 2. For any question, contact us at: <a href="mailto:info.SSLlicensing@philips.com">info.SSLlicensing@philips.com</a>

Page 23 of 23 17 August 2012

#### Annex B To Patent License Agreement

#### **AUDIT GUIDELINES**

Licensee shall have its C.F.O. or accountant make the following statement pursuant to Section 4.1 of the Settlement and Patent License Agreement:

Licensee has reviewed the accompanying Reporting Forms, duly initialed by us for identification purposes, for the period starting [ddmmyy] and ending [ddmmyy] as submitted under the terms of a license agreement dated August 1, 2012, between Philips and Nexxus Lighting, Inc. ("the Agreement").

#### **Basis of opinion**

We have conducted our review in accordance with those elements of generally accepted international standards for the purposes of forming an opinion on the Reporting Forms. We are reasonably assured that the Reporting Forms are free of material misstatements. We have examined, on a test basis, evidence supporting the amounts and disclosures in the Reporting Forms.

#### **Opinion**

In our opinion, the Reporting Forms referred to above present fairly, in all material respects, the information required to be reported under the Agreement by Nexxus Lighting, Inc. for the [xx] month period ending [ddmmyy] and the amount of royalties corresponding therewith, under the Agreement referred to above.

(signed) [date]

Enclosures: Reporting Forms (xx pages)

[XXXX] = CERTAIN INFORMATION ON THIS PAGE HAS BEEN OMITTED AND FILED SEPARATELY WITH THE SECURITIES AND EXCHANGE COMMISSION. CONFIDENTIAL TREATMENT HAS BEEN REQUESTED WITH RESPECT TO THE OMITTED INFORMATION.

Annex C
To
Patent License Agreement
List of Qualified Suppliers

[XXXX]

[XXXX]

[XXXX]

#### Annex D To Patent License Agreement

List of Trademarks Used for Licensed Products:

 $Array^{TM}$ 

## CERTIFICATION OF CHIEF EXECUTIVE OFFICER PURSUANT TO SECTION 302 OF THE SARBANES-OXLEY ACT OF 2002

#### I, Michael A. Bauer, certify that:

- 1. I have reviewed this report on Form 10-Q for the quarterly period ended September 30, 2012 of Nexxus Lighting, Inc.;
- 2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
- 3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
- 4. The registrant's other certifying officers and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financing reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
  - designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
  - b) designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
  - evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions
    about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on
    such evaluation;
  - d) disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
- 5. The registrant's other certifying officers and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
  - a) all significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
  - b) any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: November 14, 2012

/s/ Michael A. Bauer

Michael A. Bauer President and Chief Executive Officer

## CERTIFICATION OF CHIEF FINANCIAL OFFICER PURSUANT TO SECTION 302 OF THE SARBANES-OXLEY ACT OF 2002

#### I, Gary R. Langford, certify that:

- 1. I have reviewed this report on Form 10-Q for the quarterly period ended September 30, 2012 of Nexxus Lighting, Inc.;
- 2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
- 3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
- 4. The registrant's other certifying officers and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financing reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
  - designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed
    under our supervision, to ensure that material information relating to the registrant, including its subsidiaries, is made
    known to us by others within those entities, particularly during the period in which this report is being prepared;
  - designed such internal control over financial reporting, or caused such internal control over financial reporting to be
    designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the
    preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
  - evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our
    conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by
    this report based on such evaluation;
  - d. disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting;
- 5. The registrant's other certifying officers and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
  - all significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
  - b. any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: November 14, 2012

/s/ Gary R. Langford
Gary R. Langford
Chief Financial Officer

# Certification of Chief Executive Officer and Chief Financial Officer Pursuant to 18 U.S.C. Section 1350, as Adopted Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002

This Certification is being filed pursuant to 18 U.S.C. Section 1350, as adopted by Section 906 of the Sarbanes-Oxley Act of 2002. This Certification is included solely for the purposes of complying with the provisions of Section 906 of the Sarbanes-Oxley Act and is not intended to be used for any other purpose. In connection with the accompanying Quarterly Report on Form 10-Q of Nexxus Lighting, Inc. for the quarter ended September 30, 2012, each of the undersigned hereby certifies in his capacity as an officer of Nexxus Lighting, Inc. that to such officer's knowledge:

- (1) The Report fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934; and
- (2) The information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

By: /s/ Michael A. Bauer

Michael A. Bauer Chief Executive Officer

By: /s/ Gary R. Langford

Gary R. Langford Chief Financial Officer

Dated: November 14, 2012

Dated: November 14, 2012