

Docket No.: LSG0174US

FORM PTO-1595 (Modified)
(Rev. 03-09)
OMB No. 0651-0027 (exp 3/31/2009)
P08A/REV06

RECORDATION FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

PATENTS ONLY

To the Director of the United States Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies):

Lamina Lighting, Inc.

LLI Aquisition, Inc.

Additional names(s) of conveying party(ies)

☐ Yes ☒ No**3. Nature of conveyance/Execution Date(s):**

Execution Date(s): 7-29-2008, 7-29-2008, 7-9-2009

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other

2. Name and address of receiving party(ies):Name: Lighting Science Group CorporationAddress: 1227 South Patrick Drive, Bldg. 2ACity: Satellite BeachState/Prov.: FloridaCountry: USAZIP: 32937

Additional name(s) & address(es) attached?

☐ Yes ☒ No**4. Application or patent numbers(s):**

A. Patent Application No. (s)

08/812172

☐ This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No**5. Name and address to whom correspondence concerning document should be mailed:**Name: David ArnoldRegistration No.: 48,894Address: Cantor Colburn LLP20 Church Street, 22nd FloorCity: HartfordState/Prov.: CTCountry: USA ZIP: 06103Phone Number: 860-286-2929Fax Number: 860-286-0115Email Address: tlanthier@cantorcolburn.com**6. Total number of applications and patents involved:**1**7. Total fee (37 CFR 1.21(h) & 3.41) \$** 40.00

- ☐ Authorized to be charged by credit card
☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers

Expiration Date

b. Deposit Account Number 06-1130Authorized User Name David Arnold**9. Signature:**


Signature

July 29, 2009

Date

David Arnold, Reg. No. 48,894

Name of Person Signing

Total number of pages including cover sheet, attachments, and document:

18

Documents to be recorded (including cover sheet) should be faxed to (571)273-0140, or mailed to:
 Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

700414141

PATENT
REEL: 023024 FRAME: 0106

CH \$40.00 061130 08812172

Execution Copy

PATENT ASSIGNMENT

WHEREAS LAMINA LIGHTING, INC., a Delaware corporation, having a place of business at **120 Hancock Lane, Westampton, New Jersey 08060, U.S.A.** (hereinafter referred to as ASSIGNOR), has been assigned certain rights, title and interests in and to the patents applications and patents listed in Schedule A hereto and to the inventions described and claimed therein; and

WHEREAS LLI ACQUISITION, INC., a Delaware corporation, having a place of business at **2100 McKinney Avenue, Suite 1515, Dallas, Texas 75201** (hereinafter referred to as ASSIGNEE), is desirous of acquiring ASSIGNOR's entire right, title and interest in and to the patent application and patents in the United States of America and elsewhere worldwide, and the inventions therein described and claimed;

NOW, THEREFORE, in consideration of the good and valuable consideration furnished by ASSIGNOR to ASSIGNEE, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR hereby assigns, conveys and transfers to ASSIGNEE, its successors and assigns, ASSIGNOR's entire right, title and interest in and to the said patent applications and patents and the inventions therein described and claimed, including its right to apply for any Letters Patent in any and all countries on the inventions, and any Letters Patents that may be or have been issued thereon or therefore, in the United States and elsewhere, and all reissues, extensions, renewals, divisions and continuations thereof, to the full end of the term or terms for which the Letters Patents may be issued or have been issued, the same to be held and enjoyed by ASSIGNEE, its successors and assigns, the same as it would have been held and enjoyed by ASSIGNOR if this Assignment had not been made.

And ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks and similar authorities to issue and transfer all such Letters Patents to ASSIGNEE, its successors and assigns, in accordance with this instrument of Assignment.

ASSIGNOR hereby represents and warrants that there are no rights and interests outstanding inconsistent with the rights and interests granted herein and that it will not execute any instrument or grant or transfer any rights or interests inconsistent therewith, and ASSIGNOR

binds itself to execute and deliver to ASSIGNEE, its successors and assigns, any further documents or instruments and do any and all further acts that may be deemed necessary by ASSIGNEE, its successors and assigns, to vest in ASSIGNEE, its successors and assigns, the title herein conveyed, or intended so to be, and to enable such title to be recorded in the United States and elsewhere.

And ASSIGNOR further covenants and agrees, in consideration of the premises that ASSIGNOR will at any time upon request communicate to ASSIGNEE, its successors and assigns, any facts relating to the invention and improvements and the history thereof, known to ASSIGNOR and that ASSIGNOR will testify as to the same in any interference, or other litigation when requested so to do by ASSIGNEE, its successors and assigns.

The undersigned is authorized to act on behalf of ASSIGNOR.

IN TESTIMONY WHEREOF, ASSIGNOR has hereunto set its hand and seal this 29th day of July, 2008.

LAMINA LIGHTING, INC.

BY: 

NAME: Frank Shinneman

TITLE: President and Chief Executive Officer

The undersigned is authorized to act on behalf of ASSIGNEE.

IN TESTIMONY WHEREOF, ASSIGNEE has hereunto set its hand and seal this 29th day of July, 2008.

LLI ACQUISITION, INC.

BY: _____

NAME: Govi Rao

TITLE: President

SIGNATURE PAGE TO PATENT ASSIGNMENT

PATENT
REEL: 023024 FRAME: 0109

The undersigned is authorized to act on behalf of ASSIGNOR.

IN TESTIMONY WHEREOF, ASSIGNOR has hereunto set its hand and seal this 29th day of July, 2008.

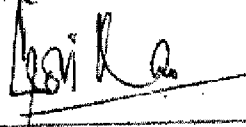
LAMINA LIGHTING, INC.

BY: _____
NAME: Frank Shinneman
TITLE: President and Chief Executive Officer

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BY:  _____
NAME: Govi Rao
TITLE: President

SIGNATURE PAGE TO PATENT ASSIGNMENT

SCHEDULE A

Item	TITLE	COUNTRY	FILE DATE	SERIAL NO	ISSUE DATE	PATENT NO	STATUS	Assignment
2	CERAMIC MULTILAYER CIRCUIT BOARDS MOUNTED ON A PATTERNED METAL SUPPORT SUBSTRATE	UNITED STATES	05/10/01	09/852,901	11-Feb-03	6518502	ISSUED	LAMINA
3	Method of making ceramic multilayer circuit boards mounted in a patterned metal support substrate	UNITED STATES	10/30/02	10/294,544	25-May-04	6739047	ISSUED	LAMINA
13	ELECTRONIC CIRCUIT CHIP PACKAGE	UNITED STATES	12/16/88	06/768,062	08-Dec-98	5847935	ISSUED	LAMINA
14	EMBOSSED PLASMA DISPLAY BACK PANEL	UNITED STATES	07/31/88	09/127,426	31-Oct-00	6140758	ISSUED	LAMINA
15	Method for making an embossed plasma display back pane	UNITED STATES	09/11/00	09/669,234	26-Mar-02	6361390	ISSUED	LAMINA
22	HIGH DIELECTRIC CONSTANT BURIED CAPACITORS WITH EXTENDED OPERATING TEMPERATURE RANGES	UNITED STATES	11/04/99	09/434,059	09-Oct-01	6300287	ISSUED	LAMINA
32	HIGH PERFORMANCE EMBEDDED RF FILTERS	UNITED STATES	10/29/99	09/430,842	05-Jul-05	6914501	ISSUED	LAMINA
33	High performance embedded RF filter	UNITED STATES	06/24/05	11/135,784	14-Mar-06	7011725	ISSUED	LAMINA
34	ILLUMINATION DEVICES COMPRISING WHITE LIGHT EMITTING DIODES AND DIODE ARRAYS AND METHOD AND APPARATUS FOR MAKING THEM	UNITED STATES	04/09/04	10/622,238	02-Jan-07	7157745	ISSUED	LAMINA
39	INTEGRATED HEAT SINKING PACKAGES USING LOW TEMPERATURE COFIRE CERAMIC METAL CIRCUIT BOARD TECHNOLOGY	UNITED STATES	09/18/00	09/664,599	24-Sep-02	6456930	ISSUED	LAMINA
41	LED ARRAY PACKAGE WITH INTERNAL FEEDBACK AND CONTROL	UNITED STATES	07/19/04	10/884,185	07-Aug-07	7252408	ISSUED	LAMINA
45	LED LIGHT SOURCES FOR IMAGE PROJECTION SYSTEMS	UNITED STATES	01/06/05	456948	27-Nov-07	7300182	ISSUED	LAMINA
60	LIGHT EMITTING DIODES PACKAGED FOR HIGH TEMPERATURE OPERATION	UNITED STATES	08/11/03	10/638,579	22-Aug-06	7095053	ISSUED	LAMINA
64	Light emitting diodes packaged for high temperature operation	UNITED STATES	09/02/04	10/933,096	29-Aug-06	7098483	ISSUED	LAMINA
65	Light emitting diodes packaged for high temperature operation	UNITED STATES	03/18/05	11/083,862	13-Feb-07	7178502	ISSUED	LAMINA
76	LOW TEMPERATURE CO-FIRED CERAMIC-METAL CIRCULATORS AND ISOLATORS	UNITED STATES	02/28/06	11/364,272	26-Feb-08	7336140	ISSUED	LAMINA
77	LOW TEMPERATURE CO-FIRED CERAMIC-METAL PACKAGING TECHNOLOGY	UNITED STATES	07/13/02	10/199,418	30-Mar-04	6713882	ISSUED	LAMINA
78	METHOD AND STRUCTURES FOR ENHANCED TEMPERATURE CONTROL OF HIGH POWER COMPONENTS ON MULTILAYER LTCC AND LTCC-M BOARDS	UNITED STATES	11/08/03	10/702,957	27-Feb-07	7183840	ISSUED	LAMINA
81	METHOD OF FORMING METAL CONTACT PADS ON A METAL SUPPORT SUBSTRATE	UNITED STATES	11/04/99	09/434,058	29-Oct-02	6471805	ISSUED	LAMINA
88	MINIATURE POWER SUPPLY	UNITED STATES	12/18/97	08/993,292	04-Jan-00	6011330	ISSUED	LAMINA
89	MONOLITHIC DISC DELAY LINE	UNITED STATES	01/08/02	10/041,267	11-Apr-06	7028891	ISSUED	LAMINA
113	TEMPERATURE COMPENSATING DEVICE WITH EMBEDDED COLUMNAR THERMISTORS	UNITED STATES	01/10/02	10/043,733	13-Apr-04	6720859	ISSUED	LAMINA
114	TEMPERATURE COMPENSATING DEVICE WITH INTEGRAL SHEET THERMISTORS	UNITED STATES	01/10/02	10/043,582	08-Jul-04	6759940	ISSUED	LAMINA
119	TUNABLE BROADSIDE COUPLED TRANSMISSION LINES FOR ELECTROMAGNETIC WAVES	UNITED STATES	06/06/02	10/164,671	30-Dec-03	6870858	ISSUED	LAMINA
	A LIGHT SOURCE WITH OPTIMIZED ELECTRICAL, OPTICAL, 1 AND ECONOMICAL PERFORMANCE	UNITED STATES	11/08/07	11/937,638			PENDING	LAMINA
	DISPLAY BACKLIGHT WITH IMPROVED LIGHT COUPLING AND 7 MIXING	UNITED STATES	09/23/06	11/474,187			PUBLISHED	LAMINA
	9 LIGHT EFFICIENT LED ASSEMBLY INCLUDING A SHAPED REFLECTOR	UNITED STATES	08/29/07	11/847,033			PUBLISHED	LAMINA
46	THERMALLY COUPLED LIGHT SOURCE FOR AN IMAGE	UNITED STATES	10/19/07	11/675,555			PUBLISHED	LAMINA
50	Light emitting diode arrays with improved light extraction	UNITED STATES	11/20/08	11/802,148			PUBLISHED	LAMINA
	LIGHT EMITTING DIODE PACKAGE ASSEMBLY THAT EMULATES THE LIGHT PATTERN PRODUCED BY AN INCANDESCENT FILAMENT BULB	UNITED STATES	02/28/04	10/788,118			PUBLISHED	LAMINA
58	Light emitting diode package and method for making same	UNITED STATES	06/27/06	11/475,292			PENDING	LAMINA
59		UNITED STATES	06/06/08	12/135,042			PUBLISHED	LAMINA
66	Surface mountable light emitting diode assemblies packaged for high	UNITED STATES	07/12/05	11/179,863			PUBLISHED	LAMINA
67	Method of making optical light engines with elevated LEDs and resulting	UNITED STATES	01/31/06	11/343,986			PUBLISHED	LAMINA
68	Light emitting diodes with improved light collimation	UNITED STATES	04/24/06	11/409,847			PUBLISHED	LAMINA
90	MULTICOLOR LED ASSEMBLY WITH IMPROVED COLOR MIXING	UNITED STATES	08/02/06	11/445,611			PENDING	LAMINA
104	MULTI-PRIMARY LED COLLIMATION OPTIC ASSEMBLIES	UNITED STATES	12/28/07	11/984,523			PUBLISHED	LAMINA
108	OPTICAL DEVICES FOR CONTROLLED COLOR MIXING	UNITED STATES	04/18/07	11/737,101			PUBLISHED	LAMINA
111	Solid state LED bridge rectifier light engine	UNITED STATES	08/30/06	11/443,536			PUBLISHED	LAMINA
115	THERMALLY-MANAGED LED-BASED RECESSED DOWN LIGHTS	UNITED STATES	01/09/07	11/621,131			PUBLISHED	LAMINA
72	LIGHTING FIXTURE	UNITED STATES	09/10/07	29/284,533		D 572,385	PENDING	LAMINA
73	LIGHTING FIXTURE		09/10/07	29/284,534				

*Execution Copy***PATENT ASSIGNMENT**

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LAMINA LIGHTING, INC.

BY: 

NAME: Frank Shinneman

TITLE: President and Chief Executive Officer

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LLI ACQUISITION, INC.

BY: _____

NAME: Govi Rao

TITLE: President

SIGNATURE PAGE TO PATENT ASSIGNMENT (2)

PATENT
REEL: 023024 FRAME: 0114

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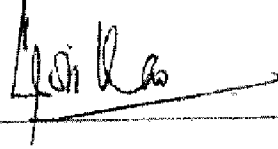
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TITLE: President and Chief Executive Officer

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LLI ACQUISITION, INC.

BY:  _____
NAME: Govi Rao
TITLE: President

SIGNATURE PAGE TO PATENT ASSIGNMENT (2)

SCHEDULE A

Item	TITLE	COUNTRY	FILE DATE	SERIAL NO	ISSUE DATE	PATENT NO	STATUS	Assignment
6	CONDUCTIVE VIA FILL INKS FOR CERAMIC MULTILAYER CIRCUIT BOARDS ON SUPPORT SUBSTRATES	UNITED STATES	01/27/95	08/379,265	07-May-96	5614451	ISSUED	LAMINA
10	ELECTRICAL FEEDTHROUGHS FOR CERAMIC CIRCUIT BOARD SUPPORT SUBSTRATES	UNITED STATES	01/27/95	08/379,264	15-Oct-96	5585262	ISSUED	LAMINA
11	Process for making electrical feedthroughs for ceramic circuit board	UNITED STATES	05/24/95	08/449,829	05-Aug-97	5853834	ISSUED	LAMINA
12	Electrical feedthroughs for ceramic circuit board support substrate	UNITED STATES	07/03/96	08/670,203	28-Oct-97	5881444	ISSUED	LAMINA
23	HIGH DIELECTRIC CONSTANT EMBEDDED CAPACITORS	UNITED STATES	12/14/98	09/211,868	20-Feb-01	6191934	ISSUED	LAMINA/Daewoo
24		UNITED STATES	12/23/98	09/218,862	12-Dec-00	6180469	ISSUED	LAMINA/Daewoo
74	LOW DIELECTRIC LOSS GLASS CERAMIC COMPOSITIONS	UNITED STATES	08/18/97	08/878,176	25-Jan-00	6017642	ISSUED	LAMINA
75		UNITED STATES	07/01/97	08/874,828	28-Sep-99	5958807	ISSUED	LAMINA
79	METHOD FOR THE REDUCTION OF LATERAL SHRINKAGE IN MULTILAYER CIRCUIT BOARDS ON A SUBSTRATE	UNITED STATES	01/08/97	08/780,243	02-Mar-99	5975536	ISSUED	LAMINA
80	Large value buried inductors in low temperature co-fired ceramic circuit	UNITED STATES	09/03/95	09/146,478	23-Mar-04	6708749	ISSUED	LAMINA
83	METHOD TO CONTROL CAVITY DIMENSIONS OF FIRED MULTILAYER CIRCUIT BOARDS ON A SUPPORT	UNITED STATES	10/15/98	08/730,594	12-Jan-99	5858145	ISSUED	LAMINA
87	Integrated electronic circuit	UNITED STATES	10/30/97	08/960,663	27-Jul-99	5929570	ISSUED	LAMINA/Sharp
93	MULTILAYER CERAMIC CIRCUIT BOARDS INCLUDING EMBEDDED CAPACITORS	UNITED STATES	03/08/97	08/812,151	14-Sep-99	5953203	ISSUED	LAMINA/Sharp
94	Multilayer ceramic circuit boards including embedded component	UNITED STATES	02/27/98	09/031,745	26-Apr-00	6035151	ISSUED	LAMINA/Sharp
101	MULTILAYER CERAMIC CIRCUIT BOARDS WITH EMBEDDED RESISTORS	UNITED STATES	02/08/98	09/248,636	04-Jun-02	6399230	ISSUED	LAMINA/Sharp
118	THICK CERAMIC ON METAL MULTILAYER CIRCUIT BOARD	UNITED STATES	03/06/97	08/812,172	02-Feb-99	5866240	ISSUED	LAMINA
4	COLOR AND SPATIAL UNIFORMITY ENHANCEMENT THROUGH ZEMKE OPTICAL CONTROL SURFACES	UNITED STATES					PROPOSED	LAMINA
5	COLOR AND SPATIAL UNIFORMITY ENHANCEMENT THROUGH ZEMKE OPTICAL CONTROL SURFACES	UNITED STATES					PROPOSED	LAMINA
16	FOLDED LIGHT PATH LED ARRAY COLLIMATION OPTIC	UNITED STATES					PROPOSED	LAMINA
19	USING MULTI-WAVELENGTH PUMP SOURCES AND MIXED PHOSPHORS	UNITED STATES					PROPOSED	LAMINA
53	LIGHT EMITTING DIODE PACKAGE INCLUDING A NON-STEPPED CAVITY AND METHOD FOR MAKING SAME	UNITED STATES					PROPOSED	LAMINA
123		UNITED STATES	09/10/07	80/871,255			PENDING	LAMINA
31	HIGH EFFICIENCY LIGHT SOURCE WITH INTEGRATED BALLAST	UNITED STATES	10/28/07	80/963,043			PENDING	LAMINA
47	LIGHT DISPERSION CONTROL DEVICE FOR MR-16 REPLACEMENT	UNITED STATES	05/28/08	81/056,782			PENDING	LAMINA
109	SEVEN-CAVITY LED ARRAY RGB COLLIMATION OPTIC	UNITED STATES	10/01/07	60/976,893			PENDING	LAMINA
112	STREET LAMP RETROFIT KIT	UNITED STATES	03/28/08	61/040,604			PENDING	LAMINA
18		WIPO	01/17/08	PCT/US08/51302			PENDING	LAMINA
21		WIPO	02/15/08	PCT/US08/54973			PENDING	LAMINA
70		WIPO	01/24/07	PCT/US2007/001813			PUBLISHED	LAMINA
91		WIPO	05/18/07	PCT/US07/59203			PUBLISHED	LAMINA
105		WIPO	12/28/07	PCT/US07/58812			PENDING	LAMINA
107		WIPO	04/18/07	PCT/US07/56900			PUBLISHED	LAMINA
117		WIPO	01/09/08	PCT/US08/50568			PENDING	LAMINA
122		WIPO					PROPOSED	LAMINA
8		TAIWAN	05/28/08	95123365			PUBLISHED	LAMINA
17		TAIWAN	01/17/08	97101833			PENDING	LAMINA
20		TAIWAN	02/15/08	97105527			PENDING	LAMINA
38		TAIWAN	08/08/05	94126795			PUBLISHED	LAMINA
40		TAIWAN	12/13/00	99126578	11-Oct-02	NI-164338	ISSUED	LAMINA
52		TAIWAN	09/08/05	94126791			PUBLISHED	LAMINA
57		TAIWAN	05/27/06	95123234			PUBLISHED	LAMINA
69		TAIWAN	07/12/06	95126507			PUBLISHED	LAMINA
71		TAIWAN	03/03/07	98107320			PUBLISHED	LAMINA
82	METHOD OF MAKING OPTICAL LIGHT ENGINES WITH ELEVATED LEDs AND RESULTING PRODUCTS	TAIWAN	01/23/07	96102517			PUBLISHED	LAMINA
86		TAIWAN	10/30/97	86116200	11-Sep-00	NI-127397	ISSUED	LAMINA/Sharp
92		TAIWAN	06/01/07	96119780			PUBLISHED	LAMINA
100		TAIWAN	03/06/98	87103293	11-Sep-00	NI-120124	ISSUED	LAMINA/Sharp
108		TAIWAN	04/19/07	96113942			PENDING	LAMINA
110	SOLID STATE LED BRIDGE RECTIFIER LIGHT ENGINE	TAIWAN	05/29/08	98119072			PUBLISHED	LAMINA
116		TAIWAN	01/09/08	97109929			PENDING	LAMINA
120	WARM WHITE LIGHTING DEVICE	TAIWAN					PROPOSED	LAMINA
25		CANADA	10/01/99	2346041			PENDING	LAMINA/Daewoo
26		CANADA	10/01/99	2345784	29-Jan-08	2345784	ISSUED	LAMINA/Daewoo
29		JAPAN	10/04/96	1989-282393			PUBLISHED	LAMINA/Daewoo
30		JAPAN	10/04/96	1989-282581			PUBLISHED	LAMINA/Daewoo
36		JAPAN	07/01/05	2008-519247			PENDING	LAMINA
43		JAPAN	07/13/05	2007-522562			PUBLISHED	LAMINA
55		JAPAN	06/27/06	2008-519472			PENDING	LAMINA
62		JAPAN	04/26/04	2006-513307			PENDING	LAMINA
84	MICROWAVE INTEGRATED CIRCUIT	JAPAN	10/30/97	10-520793	07-Mar-03	3405545	ISSUED	LAMINA/Sharp
96		JAPAN	03/03/98	10-538548	20-Apr-07	3944791	ISSUED	LAMINA/Sharp

SCHEDULE A

Item	TITLE	COUNTRY	FILE DATE	SERIAL NO	ISSUE DATE	PATENT NO	STATUS	Assignment
97		JAPAN	03/03/98	2005-388893			PENDING	LAMINA/Sharp
37		SOUTH KOREA	07/01/05	7002838/2008			PENDING	LAMINA
44		SOUTH KOREA	07/13/05	2007-7003310			PENDING	LAMINA
49		SOUTH KOREA	04/11/05	2008-7023418			PUBLISHED	LAMINA
56		SOUTH KOREA	05/27/08	7002151/2008			PENDING	LAMINA
63		SOUTH KOREA	04/26/04	10-2005-7020631			PENDING	LAMINA
85		SOUTH KOREA	10/30/97	1999-7003713	25-Jan-07	677005	ISSUED	LAMINA/Sharp
98		SOUTH KOREA	03/03/98	1999-7008082	13-Sep-05	516043	ISSUED	LAMINA/Sharp
99		SOUTH KOREA	03/03/98	2005-7006663	19-Jan-08	546471	ISSUED	LAMINA/Sharp
103		SOUTH KOREA	02/09/00	10-2001-7010074			PENDING	LAMINA/Sharp
27		MEXICO	10/01/99	PA/9/2001/003349	21-Jun-05	228623	ISSUED	LAMINA/Daewoo
28		MEXICO	10/01/99	PA/9/2001/003350			PUBLISHED	LAMINA/Daewoo
35		EUROPEAN PATENT CNVT.	07/01/05	5769328.5			PUBLISHED	LAMINA
42		EUROPEAN PATENT CNVT.	07/13/05	5770935.4			PUBLISHED	LAMINA
48	LIGHT EMITTING DIODE ARRAYS WITH IMPROVED LIGHT EXTRACTION	EUROPEAN PATENT CNVT.	04/11/05	5736416.8			PUBLISHED	LAMINA
54		EUROPEAN PATENT CNVT.	06/27/06	6785622.9			PUBLISHED	LAMINA
61		EUROPEAN PATENT CNVT.	04/26/04	4750631.6			PUBLISHED	LAMINA
95		EUROPEAN PATENT CNVT.	03/03/98	98910019.3			PUBLISHED	LAMINA/Sharp
102		EUROPEAN PATENT CNVT.	02/03/00	813404			PUBLISHED	LAMINA/Sharp