Form	PTO	)- <b>159</b> 5	(Rev.	06/04	)
					PIRKINANA

U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office

PATENT	S ONLY
To the Director of the U.S. Patent and Trademark Office: Pleas	se record the attached documents or the new address(es) below.
1. Name of conveying party(ies)/Execution Date(s):	2. Name and address of receiving party(ies)
UNIVERSAL LIGHTING TECHNOLOGIES, INC.	Name: BACK BAY CAPITAL FUNDING LLC
	Internal Address;
Execution Date(s) 10/21/2004  Additional name(s) of conveying party(ies) attached? Yes No  3. Nature of conveyance:	Street Address: 40 Broad Street
Assignment Merger	City: Boston
Security Agreement Change of Name	State: MA
Government Interest Assignment Executive Order 9424, Confirmatory License	Country: USA Zip: 02109
Other4. Application or patent number(s):	Additional name(s) & address(es) attached?  Yes  No
A. Patent Application No.(s) See attached Schedule A  Additional numbers attached	document is being filed together with a new application,  B. Patent No.(s)  See attached Schedule A  tached? Yes No
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name; Bingham McCutchen LLP	7. Total fee (37 CFR 1.21(h) & 3.41) \$_3,175.00
Internal Address: Attn: Stacey Farrell	Authorized to be charged by credit card  Authorized to be charged to deposit account
Street Address: 150 Federal Street	Authorized to be charged to deposit account  Enclosed  None required (government interest not affecting title)
City: BOSTON	8. Payment Information
State: MASSACHUSETTS Zip: 02110	a. Credit Card Last 4 Numbers <u>0225</u> Expiration Date <u>10/07</u>
Phone Number: 617-951-8104	b. Deposit Account Number
Fax Number; 617-951-8736	<u></u>
Email Address: stacey.farrell@bingham.com	Authorized User Name
9. Signature:	November <b>9</b> 2004
Signature	Doto

RECORDATION FORM COVER SHEET

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5985, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

Name of Person Signing

PATENT

REEL: 015377 FRAME: 0396

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

700129708

<u>S</u>tacey Farrell

## UNIVERSAL LIGHTING TECHNOLOGIES SCHEDULE A PATENT INTELLECTUAL PROPERTY

Patent or Service Mark		Registrations ent and Trademark Office
14 MM on or of section .	Publication No.	Publication Date
Electronic ballast having open circuit	6720741	4/13/2004
in output		
Electronic ballast with cross-coupled	6437520	8/20/2002
outputs	= -	0.20.2502
Cable Reel Structure	6437250	4/12/2001
Light modulating electronic ballast	6333605	12/25/2001
System and method for limiting	6291944	9/18/2001
through-lamp ground fault currents		
in non-isolated electronic ballasts		
Electronic ballast for one or more	6281641	8/28/2001
lamps		
Power sensing lamp protection	6274987	8/14/2001
circuit for ballasts driving gas		, , , , , , , , , , , , , , , , , , , ,
discharge lamps		
Combination MH/HPS ballasts	6225757	5/1/2001
Protected diming control interface for	6204613	3/20/2001
an electronic ballast		
Compact fluorescent lamp and	6204602	3/20/2001
ballast assembly with an air gap for		J J J J J J J J
thermal isolation		·
Electric ballast with selective power	6177769	1/23/2001
dissipation		
Electric ballast with selective load	6137239	10/24/2000
control		
Fast starting, surge limited,	6111365	8/29/2000
electronic ballast		
Heat spreader for electronic ballast	6091199	7/18/2000
Methods of manufacturing ballasts	6074263	6/13/2000
and starter assemblies used in gas		
discharge lamps		
Safety control circuit for detecting	6051940	4/18/2000
the removal of lamps from a ballast		
and reducing the through-lamp		İ
leakage currents		
Device and method for capacitive bi-	6031340	2/29/2000
level switching of high intensity		
discharge lighting	- Watan	
Electronic ballast deriving auxiliary	6023132	2/8/2000
power from lamp output		
Electronic ballast producing voltage	5982113	11/9/1999
having trapezoidal envelop for		
instant start lamps		

Patent or Service Mark	I Inited St	Federal Registrations tates Patent and Trademark Office
	Publication	
Electronic ballast with filament cut-	5973455	10/26/1999
out	0010400	10/20/1999
Symmetry Control circuit for pre-	5959408	9/28/1999
heating in electronic ballasts	0000400	3/20/1955
Electronic ballast that manages	5936357	8/10/1999
switching frequencies for extrinsic	0300001	9/10/1999
purposes		
Microprocessor controlled electronic	5925990	5/00/1000
ballast	582599U	7/20/1999
Programmed-start parallel-resonant	FORECOO	0/0/8 000
electronic ballast	5877592	3/2/1999
Pulse-width modular circuit for use	5000101	
	5838181	11/17/1998
in low post power factor correction		
circuit		- THE REPORT OF THE PROPERTY O
Three-way fluorescent adapter	5831395	11/3/1998
Neon lamp isolation transformer for	5818181	10/6/1998
mid-point commoned neon lamps		The state of the s
Housing with integral mounting	5817975	10/6/1998
bracket		
Electrical connector with improved	5788527	8/4/1998
safety latching for a fluorescent-		
lighting		
Secondary ground fault protected	5751523	5/12/1998
luminous tube transformer for mid-		
point connected luminous tubes		
Universal input dimmer interface	5751118	5/12/1998
Recessed bushing style luminous	5735703	4/7/1998
tube transformer featuring versatile		
mounting configuration		
Hybrid sequence start ballast for an	5731667	3/24/1998
instant start discharge lamp		5,41,1905
Integrated magnetic filter having a	5731666	3/24/1998
lossy shunt		\$. <b>2</b> %, <b>100</b> 0
Diode clamping arrangement for use	5650925	7/22/1997
in electronic ballast		11,22,1
Safety protector for non isolated	5642019	6/24/1997
ballasts		V.2-3/1001
Lamp protection circuit for electronic	5635799	6/3/1997
ballasts	0000100	0/5/1/55/
Method for assembling an inductive	5625939	5/6/1997
device		Orol 1ag I
Power factor correction circuit; in a	5614810	3/25/1997
pre-regulator system	3011010	0/20/100/
Symmetry control circuit and	5583402	12/10/1996
method; circuit for controlling the	3300,204	14/10/1870
flow of current through a load		[
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Patent or Service Mark	TT 1. 1.	Federal Registrations
		States Patent and Trademark Office
Downstand Clin	Publication	
Powerfactor correcting flyback	5583398	12/10/1996
arrangement having a resonant		
capacitor; ballast circuit		1888 (6.10.40)
Lighting-Low Cost Power Factor	5568041	10/22/1996
Correction	The state of the s	TRANSPARIA
Externally dimmable electronic	5539281	7/23/1996
ballast	mil unitari	H JAM'
Simplified ballast transformer	5510762	4/23/1996
assembly; mounting arrangement for		
an inductive device	William III	
Low height ballast for fluorescent	5500576	3/19/1996
lamps		P - PARISTA BARBASA
Isolated constant wattage lamp	5497052	3/5/1996
ballast	III MARAV	11974-154-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-
Capacitive lamp out detector	5493181	2/20/1996
Lamp protective, electronic ballast;	5493180	2/20/1996
for powering a gas discharge lamp		
Electrical connector with improved	5488268	1/30/1996
centering of mating terminal pins, for		
a fluorescent-lighting ballast		
Housing and mounting arrangement	5463522	10/31/1995
for thermal protector device		
Booster driven inverter ballast	5461287	10/24/1995
employing the output from the		A 1000
inverter to trigger the booster		
Electronic ballast with low harmonic	5440475	8/8/1995
distortion		3, 3, 1230
Apparatus and method for improving	5405271	4/11/1995
assembly of leadless ballasts into		222,000
fluorescent luminaries		
Self-dimming electronic ballast	5396155	3/7/1995
Fluorescent-lamp leadless ballast	5350316	9/27/1994
with improved connector	200000	014111334
Electrical half connector with	5350292	9/27/1994
contact-centering vanes	0000202	, 3/21/1994
Integral housing for ballast and	5349508	9/20/1994
fluorescent lamps	, 0040000	9/20/1994
Fluorescent-lamp leadless ballast	5260678	11/0/1000
with improved connector	V400010	11/9/1993
Fluorescent lamp powered control	5204587	18071000
Filment switch for a lamp ballast	5132595	4/20/1993
Shunt holding means for ballast		7/21/1992
Shunt retaining clip in a ballast	4952899	8/28/1990
Retention clip for a thermal	4937547	6/26/1990
protection sensor	4924350	5/8/1990
Electronic ballast with high voltage	1000000	
protection	4902938	2/20/1990
Wire robbin for inductive devices	40000	WINDS AND WINDS
** ATO TOODIN OF HIGHCHIVE GEVICES	4853667	8/1/1989

Patent or Service Mark		ederal Registrations tes Patent and Trademark Office
	Publication 1	
Electrical terminal	4812601	3/14/1989
Electrical coil with tap transferring	4808959	2/28/1989
to end-layer position		
Conductive wire with integral	4775337	10/4/1998
electrical terminal		
Fluorescent ballast assembly	4766406	8/23/1988
Autotransformer with common	4724602	2/16/1988
winding having oppositely wound		
sections		
Constant illumination, remotely	4716343	12/29/1987
dimmable electronic ballast;		
discharge lamps	Propertions	
Fluorescent lamp dimming switch	4686427	8/11/1987
Speed-up circuit for switched power	4667281	5/19/1987
transistor		
Bobbin with strain relief	4636763	1/13/1987
Electronic Ballast Having End of	10/688507	10/17/2003
Lamp Life, Overheating, and Shut		
Down Protections, and Relamping		
and Multiple Striking Capabilities	P.P.INI IRPARIA IA. III IA.	
LED Drive for Generating Constant	10/629389	7/29/2003
Light Output	· · · · · · · · · · · · · · · · · · ·	=======================================
Software Controlled Dimming	10/726018	12/2/2003
Ballast		
Transient Detection of End of Lamp	10/631672	7/31/2003
Life Condition Apparatus and	·	
Method	na nata	- P. (1)   1   1   1   1   1   1   1   1   1
Secondary Ground Fault Protected	10/187304	7/1/2002
Neon Transformer		

## PATENT SECURITY AGREEMENT

This PATENT SECURITY AGREEMENT (this "Agreement") is made this 21st day of October, 2004 between BACK BAY CAPITAL FUNDING LLC, a Delaware limited liability company having an office at 40 Broad Street, Boston, Massachusetts 02109, in its capacity as agent for the Lenders (as hereinafter defined) (together with its successors in such capacity, "Agent"), and UNIVERSAL LIGHTING TECHNOLOGIES, INC., a Delaware corporation having its principal place of business at 26 Century Boulevard, Nashville, Tennessee 37214 (the "Company").

## Recitals:

The Company and Gallman Wire Technologies, Inc., a Delaware corporation (together, the "Borrowers"), desire to obtain loans and other financial accommodations from those financial institutions (collectively, "Lenders") that are parties from time to time to that certain Term Loan and Security Agreement dated on or about the date hereof, among Borrowers, Agent and Lenders (as at any time amended, the "Loan Agreement").

Lenders are willing to make loans and other financial accommodations to Borrowers from time to time pursuant to the terms of the Loan Agreement, provided that the Company executes this Agreement.

NOW, THEREFORE, for Ten Dollars (\$10.00) in hand paid and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Company hereby agrees with Agent as follows:

- 1. Capitalized terms used herein (including those used in the Recitals hereto), unless otherwise defined, shall have the meanings ascribed to them in the Loan Agreement.
- 2. To secure the prompt payment and performance of the Obligations, the Company hereby grants, assigns and pledges to Agent, for its benefit and the pro rata benefit of Lenders, a continuing security interest in and Lien upon all of the following property of the Company, whether now existing or hereafter created or acquired (the "Patent Collateral"):
  - (a) the entire right, title and interest of the Company in and to all patent applications and patents (including, without limitation, those listed in Exhibit A attached hereto (as the same may be amended from time to time)), and the inventions and improvements therein disclosed, and all re-issues, divisions, continuations, renewals, extensions and continuations-in-part thereof, including, without limitation, the right to sue for past, present and future infringements, all of the Company's rights corresponding thereto throughout the world, together with any good will of the business connected with an symbolized by any such patents and any and all past, present or future rights and interests pursuant to any and all past, present and future licensing agreements in favor of the Company, or to which the Company is a party, pertaining to any of the foregoing, owned or

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used by third parties in the past, present or future (all of the foregoing being herein collectively referred to as the "Patents"); and

- All products and proceeds of the foregoing (such as, by way of example and without limitation, all income, royalties, damages and payments now and hereafter due and/or payable under and with respect to any of the foregoing, including, without limitation, payments under all licenses entered into in connection therewith and damages and payments for past or future infringements thereof).
- 3. The Company covenants with and warrants to Agent that:
- The Patents are subsisting and have not been adjudged invalid or unenforceable, in whole or in part;
- The Company is now and shall continue to be the sole and exclusive owner of the entire and unencumbered right, title and interest in and to each of the Patents, free and clear of any Liens other than Permitted Liens:
- The Company has the unqualified right to enter into this Agreement and perform its terms and, to the extent it deems reasonably necessary, has entered and will enter into written agreements with each of its present and future employees, agents and consultants which will enable it to comply with the covenants herein contained; and
- The Company has used, and will continue to use for the duration of this (d) Agreement, proper statutory notice in connection with its use of the Patents and has made, and will continue to make, all appropriate filings with the United States Patent and Trademark Office to maintain the Patents in existence, including, without limitation, filing all necessary documents with the United States Patent and Trademark Office for each Patent to maintain it without loss of protection therefor.
- Until all of the Obligations have been satisfied in full and the Loan Agreement has 4. been terminated, the Company shall not enter into any license agreement relating to any of the Patents with any Person except non-exclusive licenses to customers of the Company in the regular and ordinary course of the Company's business as presently conducted and for reasonable and customary compensation and non-exclusive licenses to third parties in connection with cross licensing arrangements, and shall not become a party to any agreement with any Person that is inconsistent with the Company's obligations under this Agreement and the Company further agrees that it will not take any action, and will use commercially reasonable efforts not to permit any action to be taken by others, including, without limitation, licensees, or fail to take any action, which would in any respect affect the validity or enforcement of the rights transferred to the Agent under this Agreement or the rights associated with the Patents.
- If, before the Obligations shall have been satisfied in full, the Company shall obtain rights to any new patentable inventions, or become entitled to the benefit of any patent application or patent for any reissue, division, continuation, renewal, extension or continuation-in-part of any

Patent or any improvement on any Patent, the provisions of paragraph 2 shall automatically apply thereto (which shall be deemed to be and treated as "Patent Collateral" within the meaning of this Agreement) and the Company shall give to Agent prompt notice thereof in writing.

- The Company irrevocably authorizes and empowers Agent (x) to modify this Agreement by amending Exhibit A to include any future patents and patent applications within the definition of Patents under paragraph 2 or paragraph 5 hereof and (y) to file, in addition to and not in substitution for this Agreement, a duplicate original of this Agreement containing an amended Exhibit A thereto, reflecting any such future patents and patent applications.
- The Company hereby grants to Agent, and its employees and agents (and any Lender 7. or Lenders and their respective employees and agents), the right upon prior notice to the Company, and subject only to any obligations of confidentiality to which the Company, its employees and agents are then subject with respect thereto, to visit the Company's plants and facilities at which any patented inventions are located or which manufacture, inspect or store products made under any of the Patents and to inspect the products and quality control records relating thereto and to examine the Company's books, records (and make copies thereof) and operations relating thereto, at reasonable times during regular business hours.
- 8. Subject to the Intercreditor Agreement, at any time an Event of Default exists, Agent shall have, in addition to all other rights and remedies given it by this Agreement, all rights and remedies under Applicable Law and all rights and remedies of a secured party under the UCC. Without limiting the generality of the foregoing and subject to the Intercreditor Agreement, Agent may immediately, for its benefit and the pro rata benefit of Lenders, without demand of performance and without other notice (except as described in the next sentence, if required by Applicable Law) or demand whatsoever to the Company, each of which the Company hereby expressly waives, and without advertisement (except as otherwise provided by Applicable Law), collect directly any payments due the Company in respect of the Patent Collateral, or sell at public or private sale or otherwise realize upon the whole or from time to time any of the Patent Collateral, or any interest which the Company may have therein. The Company hereby agrees that seven (7) days notice to the Company of any public or private sale or other disposition of any of the Patent Collateral shall be reasonable notice; provided, however, that no notice shall be required hereunder if not otherwise required by Applicable Law. At any such sale or disposition, Agent may, to the extent permitted by Applicable Law, purchase the whole or any part of the Patent Collateral sold, free from any right of redemption on the part of the Company, which right the Company hereby waives and releases. After deducting from the proceeds of such sale or other disposition of the Patent Collateral all costs and expenses incurred by Agent in enforcing its rights hereunder (including, without limitation, all attorneys' fees), Agent shall apply, subject to the Intercreditor Agreement, the remainder of such proceeds to the payment of the Obligations, in such order or manner as may be authorized or required by the Loan Agreement. Subject to the Intercreditor Agreement, any remainder of the proceeds after payment in full of the Obligations shall be paid over to the Company. If any deficiency shall arise, the Company and each guarantor of the Obligations shall remain jointly and severally liable to Agent and Lenders therefor.

- 9. The Company hereby makes, constitutes and appoints Agent, and any officer or agent of Agent as Agent may select, as the Company's true and lawful attorney-in-fact, with full power to do any or all of the following if an Event of Default shall occur and be continuing, subject to the Intercreditor Agreement: to endorse the Company's name on all applications, documents, papers and instruments necessary for Agent to continue the maintenance of or to use the Patents, or to grant or issue any exclusive or nonexclusive license under the Patents to any other Person, or to assign, pledge, convey or otherwise transfer title in or dispose of any Patent Collateral to any other Person. The Company hereby ratifies all that such attorney shall lawfully do or cause to be done by virtue hereof. This power of attorney, being coupled with an interest, shall be irrevocable until all of the Obligations shall have been satisfied in full and the Loan Agreement shall have been terminated.
- 10. At such time as all of the Obligations shall have been satisfied finally and in full and the Loan Agreement shall have been terminated, Agent shall execute and deliver to the Company, without representation, warranty or recourse and at the Company's expense, all releases and other instruments necessary to terminate Agent's security interest in the Patent Collateral, subject to any disposition thereof which may have been made by Agent pursuant to the terms of this Agreement, or any of the other Loan Documents.
- 11. Any and all fees, costs and expenses, of whatever kind or nature, (including, without limitation, reasonable attorneys' fees and legal expenses) incurred by Agent or any Lender in connection with the preparation of this Agreement and any other documents relating hereto and the consummation of this transaction, the filing or recording of any documents (including, without limitation, all taxes in connection therewith) with the United States Patent and Trademark Office or in other public offices, the payment or discharge of any taxes, counsel fees, maintenance fees or Liens, or otherwise, in protecting, maintaining and preserving any Patent Collateral or in defending or prosecuting any actions or proceedings arising out of or related to any Patent Collateral, shall be borne and paid by the Company (it being the intent of the Company and Agent that the Company shall be responsible for the payment of all sums, fees, costs and expenses, including, without limitation, all maintenance fees payable with respect to the Patents) or, if paid by Agent in its sole discretion, shall be reimbursed by the Company to Agent on demand by Agent and until so paid shall be added to the principal amount of the Obligations and shall bear interest at the highest per annum rate in effect from time to time under the Credit Agreement.
- 12. The Company shall use all reasonable efforts to detect any infringers of the Patents and shall notify the Agent in writing of infringements detected. The Company shall have the duty through counsel reasonably acceptable to Agent, to prosecute diligently any patent application for a Patent pending as of the date of this Agreement or thereafter until the Obligations shall have been paid in full and the Loan Agreement terminated, to make application on unpatented but patentable inventions (subject to Company's reasonable discretion in Ordinary Course of Business, or, during the existence of an Event of Default or a Default, promptly upon Agent's request), to file and prosecute opposition and cancellation proceedings, to file and prosecute lawsuits to protect the Patents and to do any and all acts which are deemed necessary or desirable by Agent to preserve and maintain all rights in patent applications for the Patents. Any expenses incurred in connection with such an application or proceedings shall be borne by the Company. The Company shall not abandon any pending patent application or patent, without the prior written consent of Agent.

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- 13. Notwithstanding anything to the contrary contained in paragraph 12 hereof Agent shall have the right, but shall in no way be obligated, to bring suit in its own name to enforce the Patents and any license hereunder, or to defend any suit or counterclaim in its own name to protect any Patents or license hereunder, in either of which events the Company shall at the request of Agent do any and all lawful acts (including bringing suit) and execute any and all proper documents required by Agent in aid of such enforcement or defense and the Company shall promptly, upon demand, reimburse and indemnify Agent for all costs and expenses incurred by Agent in the exercise of its rights under this paragraph 13.
- 14. If the Company fails to comply with any of its obligations hereunder, then to the extent permitted by Applicable Law, Agent may do so in the Company's name or in Agent's name, in Agent's sole discretion, but at the Company's expense, and the Company agrees to reimburse Agent in full for all expenses, including, without limitation, reasonable attorneys' fees, incurred by Agent in prosecuting, defending or maintaining the Patents or Agent's interest therein pursuant to this Agreement.
- 15. No course of dealing between the Company and Agent, nor any failure to exercise, nor any delay in exercising, on the part of Agent, any right, power or privilege hereunder or under any of the other Loan Documents shall operate as a waiver thereof; nor shall any single or partial exercise of any right, power or privilege hereunder or thereunder preclude any other or future exercise thereof or the exercise of any other right, power or privilege.
- All of Agent's rights and remedies with respect to the Patent Collateral, whether established by this Agreement or any of the other Loan Documents, or by any other agreements or by Applicable Law, shall be cumulative and may be exercised singularly or concurrently. The Company hereby agrees that the use by the Agent of the Patents as authorized hereunder in connection with the exercise of its remedies under the Loan Agreement and the other Loan Documents shall be coextensive with the Company's rights under the Patents and with respect thereto and without any liability for royalties or other related charges from the Agent or the Lenders to the Company.
- 17. The provisions of this Agreement are severable, and if any clause or provision shall be held invalid and unenforceable, in whole or in part, in any jurisdiction, the same shall be deemed severed herefrom and shall not in any manner affect such clause or provisions in any other jurisdiction, or any other clause or provision of this Agreement in any jurisdiction.
- 18. This Agreement, together with the other Loan Documents, constitutes and expresses the entire understanding of the parties hereto with respect to the subject matter hereof, and supercedes all prior agreements and understandings, inducements or conditions, whether express or implied, oral or written. This Agreement is subject to modification only by writing signed by the parties, except as provided in paragraph 6 hereof.
- 19. The benefits and burdens of this Agreement shall inure to the benefit of and be binding upon the successors and assigns of Agent and upon the successors and permitted assigns of

the Company. The Company shall not assign its rights or delegate its rights or assign its duties hereunder without the prior written consent of Agent.

- 20. The Company hereby waives notice of Agent's acceptance hereof.
- 21. The representations, warranties and covenants of Company hereunder, and the rights and remedies of the Agent hereunder, are subject to the provisions of the Intercreditor Agreement and the rights of the Senior Credit Facility Agent described therein. The Company shall not be obligated to deliver to the Agent any Collateral with respect to which perfection is achieved by possession or control so long as such Collateral is delivered to the Senior Credit Facility Agent.
- This Agreement is intended to take effect as a sealed instrument and shall be construed and enforced and the rights and duties of the parties shall be governed by in all respects in accordance with the internal laws (as opposed to conflicts of law provisions, provided that issues with respect to Article 9 of the Uniform Commercial Code may give effect to applicable choice or conflict of law rules set forth in Article 9 the Uniform Commercial Code) and decisions of the Commonwealth of Massachusetts.
- 23. To the fullest extent permitted by Applicable Law, the Company and Agent each waives the right to trial by jury in any action, suit, proceeding or counterclaim of any kind arising out of or related to this Agreement or the Patent Collateral.

[Remainder of page intentionally left blank]

IN WITNESS WHEREOF, the parties hereto have executed this Agreement under seal on the day and year first written above.

ATTEST:

Name: leffrey

Title: Secretary

Name: Patrick A. Sullivan

UNIVERSAL LIGHTING TECHNOLOGIES, INC.

("Company")

Title: Chief Executive Officer

Accepted:

BACK BAY CAPITAL FUNDING LLC, as

Agent ("Agent")

By: Michael Pizette

Title: Managing Director

Signature Page to Patent Security Agreement

STATE OF THE	)
COUNTY OF DOWN OSON	) )
the person whose name is subscribed executed the same for the purposes stated, and as the act and deed of said	
GIVEN UNDER MY HAND A	AND SEAL OF OFFICE on this 21 day of October, 2004.  Notary Public  My Commission Expires: 05   39   05
	[NOTARIAL SEAL]
COMMONWEALTH OF MASSACE	HUSETTS )
COUNTY OF SUFFOLK	) ).
whose name is subscribed to the forego	CAPITAL FUNDING LLC, known to me to be the person bing instrument, and acknowledged to me that he executed the on therein expressed, in the capacity therein stated, and as the
GIVEN UNDER MY HAND A	ND SEAL OF OFFICE on this day of October, 2004,
	Notary Public My Commission Expires:
	[NOTARIAL SEAL]

Signature Page to Patent Security Agreement

STATE OF	)			
COUNTY OF	}			
the person whose name is sexecuted the same for the stated, and as the act and d	IVERSAL LIGH subscribed to the for purposes and con- eed of said corpor	TING TECHNOLO oregoing instrument, a sideration therein expands.	GIES, INC., to and acknowledg pressed, in the	ged to me that he capacity therein
GIVEN UNDER MY	HAND AND SE -	AL OF OFFICE on t	his day of (	October, 2004.
		lotary Public Iy Commission Expir	res:	
	<u>.</u>	NOTARIAL SEAL]		
COMMONWEALTH OF I	MASSACHUSET	TS )		
COUNTY OF SUFFOLK		)		
BEFORE ME, the und a <u>Manague Divertor</u> of BA whose name is subscribed to	ACK BAY CAPIT	TAL FUNDING LLO	C, known to me	to be the person

same for the purposes and consideration therein expressed, in the capacity therein stated, and as the act and deed of said corporation.

GIVEN UNDER MY HAND AND SEAL OF OFFICE on this 21 day of October, 2004.

Notary Public

My Commission Expires: 12-17-04

PATRICIA A MALLARD

WALLARD

PATRICIA A MALLARD

PATRICIA A MALLARD

WALLARD

PATRICIA A MALLARD

PATRICIA

Signature Page to Patent Security Agreement

## Intellectual Property Owned by Universal Lighting Technologies, Inc.

IP Type	Country	Description	AppSerNo	Filing Date IssueNo	eNo Issue Date	Status
Provisional	Provisional Patent Applications U.S. Mic	tions Adaptive Preheat and Strike for Microcontroller Based Ballast	60/526,639	12/3/03		File international/utility applications 12/3/64
	S. C.	High Efficiency 4-lamp Instant Start Ballast	60/528,641	12/3/03		File international/utility applications 12/3/04
	S. S.	High input Voltage Microconfroller Based Instant Start Ballast	60/526,638	12/3/03		File international/utility applications 12/3/04
	U.S.	IC Based Low Cost Reliable Electronic Ballast with Multiple Steking Attempts and End of Lamp Life Protection	60/526,723	12/3/03		File international/utility applications 12/3/04
	U.S.	Low Loss Power Supply Management for Ballast with Microcontroller	60/526,640	12/3/03		File International/utility applications 12/3/04
	U.S.	Methods of Strialion Control for Current Fed, Parallel Resonant Inverters	60/540,187	1/29/04		File international/utility applications 1/29/05

Status	Renewal due 3/12/05	Renewal due 5/13/19	Renew registration 5/14/19	file Declaration of Use 12/12/05	Renew 5/12/19	File certified copy 8/13/04	File certified copy 8/13/04	Issued-ranew by 9/24/09
Issue Date	3/12/84	5/13/04	5/14/04		5/12/04			12/12/02
Filing Date IssueNo	3/12/84 A405,082	12/12/02 TMA610,226	12/17/02 TMA610,427	12/12/02	12/12/02 TMA610,074	5/21/03	5/21/03	9/24/99 773108
AppSerNo	A405,082	1,162,119	1,162,646	1,162,123	1,162,120	1,178,545	1,178,544	392222
Description	Ballastar (Lighting)	Accustant	HċN−Dri	Multi-5	Octek	Ultim5	Ultim8	Accustart (Lighting)
Country	Australia	Canada	Canada	Canada	Салада	Canada	Canada	Mexico
IP Type	Trademarks							

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ad.	Country Mexico	<i>Description</i> Addresspro & Design	AppSerNo 457401	Filing Date Issue!\ 693123	ø	Issue Date 3430/01	Status Issued-renew by 11/9/10
	Мехісо	Addresspro & Design	457400	698475	7.5	5/18/01	Issued-renew by 5/18/10
	Mexico	Ballastar (Lighting)	630730	9/24/99 630730		10/27/99	Renewal due 9/24/09
	Мехіоо	Lampgard & Design	698473	698473	173	11/9/00	Issued-renew by 11/9/10
	Мехісо	Lampgard & Design	457397	693121	21	3/30/01	Issued-renew by 11/9/10
	Mexico	Ocfek (Lighting)	392223	9/24/99 630729		10/27/99	Issued-renewal due 9/24/09
	Mexico	Super Dim Digital with Addresspro & Design	457403	693124	54	3/30/01	Issued-renew by 11/9/10
	Mexico	Super Lampgard & Design	457406	698477	7.2	5/18/01	Issued-renew by 5/18/10

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ype Country Mexico	<i>Description</i> Super Lampgard & Design	AppSerNo 457407	Filing Date	IssueNo 693126	Issue Date 3/30/01	Status Issued-renew by 11/9/10
Mexico	Super Mini & Design	457394		698472	5/18/01	Issued-renew by 5/18/10
Mexico	Super Slim & Design	457405		693125	3/30/01	Issued-renew by 11/9/10
Мехісо	Superdim & Design	457399		693122	3/30/01	Issued-renew by 11/9/10
Mexico	Superdim & Design	457398		698474	5/18/01	Issued-renew by 5/18/10
Mexico	Superdim Digital with Addresspro & Design	457402		698476	5/1B/01	Issued-renew by 5/18/10
Mexico	Triad (Lighting)	392226	9/24/99	9/24/99 634060	11/25/99	Rелеwal due 9/24/09
Mexico	Triformer (Lighting)	392227	9/24/99	646786	3/27/00	Registered-Mexico-renew 9/24/09

v	Country Mexico	<i>Description</i> Ultim5	<i>AppSerNo Fi</i> 626,626	Filing Date IssueNo 10/28/03 826,655	Issue Date 3/26/04	<i>Status</i> Renewal due 10/28/13
	Mexico	Ultim8	626,627	10/28/03 826,656	3126/04	Renewal due 10/28/13
	Mexico	Ultra Slim & Design	457409	693127	3/30/01	Issued-renew by 11/9/10
	Мехісо	Universal (Lighting)	456721	9/24/99 784205	3/24/03	Renew by 11/6/10
	n.s.	Accustart (Lighting)	75/568,860	10/13/98 2,534,476	1/29/02	Issued-Section 8/15 due 7/9/07
	Ų.S.	Accustart 5 and design	76/526,189	6/26/03		Published for opposition 6/1/04
	ý.	Accustart 8 and design	76/526,190	6/26/03		Published for opposition 6/1/04
	U.S.	Accustart and Design	76/526,198	6/26/03		Published for opposition 5/11/04

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e a	Country U.S.	<i>Description</i> Addresspro	AppSerNo 75/851,716	Filing Date IssueNo 11/17/99 2,486,097	Issue Date	Status Issued-section 8/15 due 3/4/07
	U.S.	Ballastar & Design (Lighting)	759,317	10/24/88 1,548,983	7/28/89	Renewal due 7/28/09
	i, s,	Ballastar (Lighting)	329,164	9/21/81 1,220,674	12/21/82	Renew by 12/21/12
	ų.s.	Convert-A-Ballast (Lighting)	171,993	9/27/63 780,762	11/24/64	Renewal due 11/24/04
	U.S.	ES Energy Savings & Design	74/413,428	7/14/93 1,959,181	2/27/96	Issued-renew by 2/27/06
	U.S.	Fluor-A-Dim (Lighting)	72/165,927	4/2/63 765,398	2/25/64	Renewal due 8/25/04
	Ľ.S.	Green Zone (Lighting)	74/412,467	7/13/93 2,214,824	12/29/98	Jssued-Section 8/15 due 12/29/2004
	S: S:	Hi-N-Dri (Lighting)	282,093	10/9/67 856,942	89/17/68	Renewal due 9/17/08

Status Statement of Use filed	Issued-renewal due 2/25/07	Search and Opinion & App sent to Client	Search and Opinion & App sent to Client	Issued-section 8/15 due 8/18/08	Issued-section 8/15 due 2/9/05	Issued-renewal due 8/1/05	Renew Registration by 7/25/05
Issue Date	2/25/97			2/18/03	2/9/99	8/1/95	7/25/95
Filing Date IssueNo 10/29/02	6/6/95 2,041,290			5/15/00 2,689,040	6/5/97 2,223,235	2/9/94 1,908,325	2/9/94 1,907,152
AppSerNo 76/462,577	74/685,222			76/049,051	75/303,468	74/488,310	74/488,309
<i>Description</i> Homeslar and Design	Lampgard	Mult-E-Kil	Mul-E-Link	Mulli-5	Octek (Lighting)	Octic Plus (Lighting)	Quick Plug (Lighting)
Country U.S.	J.S.	U.S.	S. S.	S. J.	S.S.	U.S.	U.S.

Country	Description	AppSerNo	Filing Date IssueNo	Issue Date	Status
U.S.	Signa	76/442,370	8/22/02 2,746,722	8/5/03	File Section 8/15 by 2/5/09
<i>s</i> ;∵∩	Signa Sign	76/308,531	9/7/01		Application suspended
s. S	Signa Sign and Neon Solutions	76/313,302	9/11/01 2,694,051	3/4/03	Registered - section 8/15 due 9/4/08
Ü.S.	Super Lampgard	75/017,078	11/9/95 2,060,032	5/6/97	ksued-renewal due 5/6/07
U.S.	Super Mini	74/413,200	7/14/93 1,960,685	3/5/96	Issued-renewal due 3/5/06
Ś. ń	Super Slim	74/677,346	5/19/95 1,964,807	3/26/96	Issued-renewal due 3/26/06 (note: Section 15 not filed)
s. O	Superdim	75/714,588	5/27/99 2,345,374	4/25/00	Issued-section 8/15 due 10/25/05
n.s.	FRIAD	78/219,543	2/27/03		Published for opposition 5/18/04

ž	Country U.S.	<i>Description</i> Triad (Lighling)	AppSerNo 1 74/168,647	Filing Date IssueNo 5/21/91 1,695,866	Issue Date 6/23/92	Status Renewal due 6/23/12
	Ċ. L.S.	Triformer (Lighting)	75/807,700	9/24/99 2,389,786	9/26/00	Registered-Section 8&15 due 3/26/05
	U.S.	ULTIM5	76/510,958	5/1/03		File Statement of Use 9/16/04
	U.S.	ULTIMS and Design	76/510,961	5/1/03		File Statement of Use 9/16/04
	u.s.	ULTIM8	76/510,960	5/1/03		File Statement of Use 9/16/04
	S; Si	ULTIM8 and Design	76/510,962	5/1/03		File Statement of Use 11/11/04
	U.S.	Ultra Slim	75/012,957	10/31/95 2,080,735	7122/97	ssued-renewal due 7/22/07
	U.S.	Universal (Lighting)	75/745,782	7/8/99 2,357,456	6/13/00	issued-section 8/15 due 6/13/06

IP Type

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IP Type	Country	Description	AppSerNo	Filing Date IssueNo	Issue Date	Status
Utility Paten	Utility Patents and Applications	ions				
	Canada	Electronic Ballast Having End Of Lamp Life, Overheating, And Shut Bown Protections, And Recognition And Mulliple Striking Capabilities	2,456,386	1/29/04		File Assignment 1/29/05
	Canada	Electronic Ballast with Frequency Management	2,338,507	7/20/99		Annuity due 7/20/05
	Canada	Lamp Protective, Electronic Ballast	2,214,226	9/29/97 2,214,226	8/6/02	Annuity Due 3/29/05
	Canada	LED Drive For Generating Constant Light Output	2,456,391	1/29/04		File Assignment 1/29/05
	Canada	Lighting-Bobbin with Strain Relief	515,366	8/6/86 1,257,869	7/18/89	Issued-expires 7/18/06
	Canada	Lighting-Fluorescent Ballast Assembly	512,028	6/20/86 1,259,679	9/19/89	Issued-expires 9/19/06
	Canada	Lighting-Isolated Constant Wattage Lamp Ballast	2,151,305	4/8/95		Pay annuity 6/8/05
DATE						
J.T.						

Date Status Annuity Due 12/15/04	File Assignment 1/29/05	File Assignment 1/29/05	Annulty Due 5/12/05	Annuity Due 7/20/05	Annuity Due 12/15/04	47795 Issued-annuity due 2/18/05	6/16/97 Issued-verfiled receipt of annuity payment 10/30/02
IssueNo Issue Date						92 01817	
Filing Date	1/29/04	1/29/04	.3 5/12/99	.8 7/20/99	2 12/15/98	2/18/92	4/10/95 185,014
<i>AppSerNo</i> 2,315,107	ic 2,456,389	of Lamp 2,456,392 d	nt 99921922.3	ency 99935790.8	98963193.2	ower 92 01817	roved 951747 Pins
7	Software Controlled Electronic Dimming Ballast	Transient Detection Of End Of Lamp Life Condition Apparatus And Method	Electronic Ballast with Filament Cut-Out	Electronic Baliasi With Frequency Management	Microprocessor Controlled Electronic Ballast	Lighting-Fluorescent Lamp Power Control	Electrical Connector with Improved Centering of Mating Terminal Pins for a FluorLighting Ballast
ype Country Canada	Canada	Сапада	Europe	Евгоре	Europe	France	Мехісо

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Туре	Country	Description	AppSeriNo F	Filing Date IssueNo		Issue Date	Status
	Mexico	Electronic Ballast Having End Of Lamp Life, Overheating, And Shut Down Protections, And Recognition And Multiple Striking Capabilities	PA/a/2004/0023 57	3/12/04			File POA and assignment by 8/4/04
	Mexico	LED Drive For Generating Constant Light Oulput	PA/a/2004/0023 58	3/12/04	_		File POA and assignment by 8/4/04
	Мехісо	Microprocessor Controlled Electronic Ballast	2000/006056	6/19/00			Issue fee paid
	Mexico	Software Controlled Electronic Dimming Ballast	PA/a/2004/0023 59	3/12/04			File POA and assignment by \$/4/04
	Mexico	Transient Detection Of End Of Lamp Life Condition Apparatus And Method	P <i>A/a/</i> 2004/0023 60	3/12/04			File POA and assignment by 8/4/04
	S. S.	Booster Driven Inverter Ballast Employing the Output from the Inverter to Trigger the Booster	202,053	2/25/94	2/25/94 5,461,287	10/24/95	issued-maintenance fee due 4/24/07
	U.S.	Cable Real Structure	832,805	4/12/01	4/12/01 6,437,250	8/20/02	issued-maintenance fee due 12/20/06
	U.S.	Capacitive Lamp Out Detector	436,789	5/8/95	5/8/95 5,493,181	2/20/96	Issued-maintenance fee due 8/20/07

Country U.S.	Description Electric Ballast with Selective Power Dissipation	AppSerNo 447,333	Filing Date IssueNo 11/22/99 6,177,769	Issue Date 1723/01	<i>Status</i> issued-maintenance fee due 7/23/08
<i>S</i> ;	Electronic Ballast Deriving Auxiliary Power from Lamp Output	170,144	10/12/98 6,023,132	2/8/00	issued-maintenance fee due 8/8/07
Ü.S.	Electronic Balfast Having End of Lamp Life, Overheating, and Shut Down Protections, and Relamping and Multiple Striking Capabilities	10/688,507	10/17/03		Pending
U.S.	Electronic Ballast Having Open Circuit in Output	10/066,059	2/1/02 6,720,741	4713/04	Issued-maintenance fee due 10/13/07
S. S.	Electronic Ballast Producing Vollage Having Trapezoidal Envelope for Instant Lamps	879,181	6/20/97 5,982,113	11/9/99	issued-maintenance fee due 5/9/07
U.S.	Electronic Ballast that Manages Switching Frequencies for Extrinsic Purposes	122,231	7/24/98 5,936,357	8/10/99	Issued-maintenance fee due 2/10/07
U.S.	Electronic Ballast with Cross-Coupled Outputs	09/613,919	7/11/00 6,437,520	8/20/02	Pay maintenance fee 2/20/06
U.S.	Electronic Ballast With Filament Cut-Out	079,844	5/15/98 5,973,455	10/29/99	Issued-maintenance fee due 4/26/67

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Country U.S.	Description Electronic Ballast with 1 ow	AppSerNo	Filing Date Issu			Status
	Hamonic Distorlion	C87'051	11/8/95 5,440,470	Ç,4/5	844495	issued-maintenance fee due 2/8/07
	Electronic Ballast with Selective Load Control	372,201	8/11/99 6,13	6,137,239	10/24/00	Issued-maintenance fee due 4/24/08
U.S.	Externally Dimmable Electronic Ballast	376,774	1/23/95 5,53	5,539,281	7/23/96	Issued-maintenance fee due 1/23/08
U.S.	Fast Starting, Surge Limited, Electronic Ballas	394,865	9/13/99 6,11	6,111,365	8/29/00	Issued-maintenance fee due 2/29/08
Ü.S.	Heat Spreader for Electronic Bailast	903,311	7730/97 6,09	6,091,199	7/18/00	issued-maintenance fee due 1/18/08
	Lamp Protective, Electronic Ballast	416,022	3/31/95 5,493	5,493,180	2/20/96	Issued-maintenance fee due 8/20/07
	LED Drive for Generating Constant Light Output	10/629,389	7/29/03			Pending
	Light Modulating Electronic Ballast	431,822	11/2/99 6,333,605		12/25/01	issued-maintenance fee due 6/25/05

ā	Country	Description	AppSerNo	Filing Date	IssueNo	Issue Date	Status
	U.S.	Lighting-Apparatus & Method for Improving Assembly of Leadless Ballasts Into Fluorescent Luminaries	08/128,591	9/28/93	5,405,271	4/11/95	Issued-maintenance fee due 10/11/06
	U.S.	Lighting-Auto Transformer	838,467	4/15/86	4,724,602	2/16/88	issued-expires 4/15/06
	U.S.	Lighting-Bobbin with Strain Relief	710,982	3/12/85	3/12/85 4,636,763	1/13/87	Issued-expires 3/12/05
	u.s.	Lighting-Combination MH/HPS Ballast	09/574,902	5/19/00	6,225,757 B1	5/1/01	Issued-maintenance fee due 11/1/04
	s; Si	Lighting-Compact Fluorescent Lamp with an Air Gap for Thermal Isolation	09/312,973	5/17/99	6,204,662	3/20/01	lssued-maintenance fee due 9/20/04
	U.S.	Lighling-Constant Illumination Electronic Balfast	798,265	11/15/85	11/15/85 4,716,343	12/29/87	Issued-expires 11/15/05
	U.S.	Lighting-Device & Method for Capacitive Bi-Level Switching of High Intensity Discharge Lighting	09/127,200	7/31/98	7/31/98 6,031,340	2/29/00	issued-maintenance fee due 8/29/07
	U.S.	Lighling-Diode Clamping Arrangement for Use in Electronic Baliasts	08/642,786	5/3/96	5,650,925	7122/97	Issued-maintenance fee due 7/22/05

e	Country	Description	AppSerNo	Filing Date IssueNo	Issue Date	Status
	U.S.	Lighting-Etectonic Ballast for One or More Lamps	09/562,158	5/1/00 6,281,641	8/28/01	Issued-maintenance fee due 2/28/05
	U.S.	Lighting-Electric Coll with Tap Transferring to End-Layered Position	175,951	3/31/88 4,808,959	2/28/89	Patent Expires 3/31/08
	U.S.	Lighting-Electrical Connector with Improved Centering of Maling Terminal Pins, for a Fluorescent-Lighting Ballast	224,811	4/8/94 5,486,268	1/30/96	Issued-maintenance fee due 7/30/2007
	U.S.	Lighting-Electrical Connector With Improved Safety Latching For A Fluorescent-Lighting Ballast	08/960,711	10/30/97 5,788,527	8/4/98	Issued-maintenance fee due 8/4/06
	Ö.S.	Lighting-Electrical Half Connector With Contact-Centering Vanes	006,313	1/19/93 5,350,292	9/27/94	Issued-maintenance fee due 9/27/06
	U.S.	Lighting-Electrical Lead with Integral Terminal	936,809	12/2/86 4,775,337	10/4/88	Patent expires 12/2/06
	U.S.	Lighting-Electrica) Terminal	111,044	10/20/87 4,812,501	3/14/89	Expires 10/20/07
	Ç.S.	Lighting-Electronic Ballast with High Voltage Protection	098,580	9/18/87 4,902,938	2/20/90	Issued-expires 2/20/10

Туре	Country U.S.	Description Lighting-Filament Switch for a Lamp Ballast	AppSerNo 541,609	Filing Date I. 6/21/90	Date IssueNo Iss 6/21/90 5,132,595	Issue Date	<i>Status</i> Expires 6/21/10
	U.S.	Lighting-Fluorescent Ballast Assembly	122,577	11/16/87	4,766,406	8/23/8/8	Expires 11/16/07
	U.S.	Lighting-Fluorescent Lamp Dimming Switch	945,223	12/19/86 4,686,427	4,686,427	8/11/87	Expires 12/19/2006
	u.s.	Lighting-Fluorescent Lamp Power Control	657,114	2/19/91 5	5,204,587	4/20/93	issued-maintenance fee due 10/20/04
		Lighting-Fluorescent-Lamp Leadless Ballast with improved Connector	009,645	5/14/93 5,350,316	5,350,316	9127194	Issued-maintenance fee due 3/27/06
	U.S.	Lighting-Fluorescent-Lamp Leadiess Ballast With Improved Connector	680,689	4/4/91 5	5,260,678	11/9/93	Issued-maintenance fee due 11/9/05
	U.S.	Lighting-Housing for Thermal Protector	08/098,471	7/27/93 5,463,522	5,463,522	10/31/95	Issued-maintenance fee due 4/31/07
	U.S.	Lighling-Housing with Integral Mounting Bracket	08/531,585	9/21/95 5	5,817,975	10/6/98	lssued-maintenance fee due 4/6/06

rpe.	Country U.S.	Description Lighting-Hybrid Sequence Start Ballast	<i>AppSeriVo</i> 08/395,499	Filing Date IssueNo 2/24/95 5,731,667	Issue Date 3/24/98	Status Issued-maintenance fee due 3/4/10
	U.S.	Lighling-Integral Housing for Ballasts and Ftweescent Lemps	088,557	777/93 5,349,508	9/20/94	issued-maintenance fee due 3/20/06
	U.S.	Lighting-Integrated-Magnetic Filler Having a Lossy Shunt	08/613,217	3/8/96 5,731,666	3/24/98	Issued-maintenance fee due 9/24/05
	U.S.	Lighting-Isolated Constant Wattage Lamp Ballast	257,346	6/3/94 5,497,052	3/5/96	Issued-maintenance fee due 9/5/07
	u.s.	Lighting-Lamp Protection Circuit for Electronic Ballasts	08/644,209	5/10/96 5,635,799	6/3/97	Issued-maintenance fee due 12/3/04
	U.S.	Lighling-Low Cost Power Factor Correction	08/385,906	2/9/95 5,568,041	10/22/96	issued-maintenance fee due 4/22/2008
	S. S.	Lighting-Method for Assembling an Inductive Device	08/397,574	3/2/95 5,625,939	5/6/97	Issued-maintenance fee due 11/6/04
	U.S.	Lighting-Melhods of Manufacturing Ballasts and Starter Assemblies Used in Gas Discharge Lamps	09/168,722	10/8/98 6,074,263	6/13/00	Issued-maintenance fee due 12/13/07

Filing Date IssueNo Issue Date Status	11/19/96 5,818,181 10/6/98 Issued-maintenance fee due 4/6/06	9/15/94 5,583,398 12/10/96 Issued-maintenance fee due 6/10/08	2/14/94 5,614,910 3/25/97 Issued-maintenance fee due 9/25/04	5/8/96 6,274,987 B† 8/14/01 Issued-maintenance fee due 2/14/09	11/1/96 5,877,592 3/2/99 Issued-maintenance fee due 9/2/08	2/18/00 6,204,613 3/20/01 Issued-maintenance fee due 9/20/04	5/3/96 5,838,181 11/17/98 Issued-maintenance fee due 5/17/06	12/22/95 5,735,703 4/7/98 Issued-maintenance fee due
AppSerNo Fü	08.752,646	08/306,499	08/194,916	08/646,470	08/742,355	09/507,425	08/842,562	08/576,222
Description	Lighting-Neon Lamp Isolation Transformer for Mid-Point Commoned Neon Lamps	Lighting-Power Factor Correcting Flyback Arrangement Having a Resonant Capacitor Element Connected Across The Switching	Lighting-Power Factor Correction 08 Circuit	Lighling-Power Sensing Shutdown 08	Lighting-Programmed-Start Parallet-Resonant Electronic Ballast	Lighting-Protected Dimming Control GS Interface For An Electronic Ballast	Lighting-Pulse-Width Modulator 08 Circuit For Use In Low-Cost Power Factor Correction Circuit	Lighling-Recessed Bushing Style 08 Lurdhous Tube Transformer
Country		U.S.	κ; Π	S. O	U.S.	U.S.	U.S.	U.S.

pe	Country	Description	AppSerNo	Filing Date IssueNo	Issue Date	Status
	U.S.	Lighting-Retention Clip for a Thermal Protection Sensor	194,744	5/17/88 4,924,350	5/8/90	Issued-expires 5/17/08
	U.S.	Lighting-Safety Control Circuit for Detecting the Removal of Lamps from a Ballast and Reducing the Through-Lamp Leakage Currents	09/070,885	4/30/98 6,051,940	4/18/00	issued-maintenance fee due 10/18/07
	U.S.	Lighting-Safety Protector for Non-Isolated Ballasts	08/539,826	10/8/95 5,642,019	6/24/97	Issued-maintenance fea due 12/2/04
	r.s.	Lighting-Secondary Ground Fault Protected Luminous Tube Transformer for Mid-Point Connected Luminous Tubes	08/715,873	9/19/86 5,751,523	5/12/98	Issued-maintenance fee due 11/12/05
	U.S.	Lighting-Shunt Holding Means For Ballasts	331,517	3/31/89 4,952,899	8/28/90	Issued-palent expires 6/26/09
	L.S.	Lighting-Shunt Retaining Clip in a Ballast	449,702	12/11/89 4,937,547	6/26/90	Issued-patent expires 6/26/09
	o.s.	Lighting-Simplified Ballast Assembly	08/226,714	4/12/94 5,510,762	4/23/96	Issued-maintenance fee due 10/23/07
	u.s.	Lighting-Speed-up Circuit for Switched Power Transistor	06/798,264	11/15/85 4,667,281	5/19/87	Issued-expires 11/15/2005

pe	Country	Description	AppSeriNo	Filing Date IssueNo	Issue Date	Status
	U.S.	Lighling-Symmetry Control Circuit and Method	08/190,746		12/10/96	Issued-maintenance fee due 6/10/08
	U.S.	Lighting-Symmetry Control Circuit for Pre-Heating in Electronic Baliasts	08/908,393	8/7/97 5,959,408	9/28/89	issued-maintenance fee due 3/28/07
	U.S.	Lighting-System & Method for Limiting Through-Lamp Ground Fault Currents in Non-Isolated Electronic Ballasts	09/566,252	5/5/00 6,291,944	9/18/01	ksued-maintenance fee due 3/18/05
	U.S.	Lighting-Three Way Fluorescent Adapter	08/585,399	1/11/96 5,831,395	11/3/98	Issued-maintenance fee due 5/3/06
	U.S.	Lighling-Universal Input Dimmer	08/499,771	7/7/95 5,751,118	5/12/98	Issued-maintenance fee due 11/12/05
	S. D	Lighting-Wire Bobbin for Inductive Devices	187,359	4/28/88 4,853,667	844/89	Expires 4/28/08
	S. Si	Low Height Ballast for Fluorescent Lamps	227,963	4/15/94 5,500,576	3/19/96	Issued-maintenance fee due 9/19/07
	U.S.	Microprocessor Controlled Electronic Ballast	995,278	12/19/97 5,925,990	7/20/99	lssued-maintenance fee due 6/20/05

Status	Pay Issue fee 10/29/04	Issued-maintenance fee due 9/7/06	File international applications by 12/2/04	File missing parts 8/14/04
Issue Date		3/7/95		
IssueNo		6728/94 5,396,155		
Fifing Date IssueNo	711/02	6/28/94	12/2/03	7/31/03
AppSeriNo	10/187,304	266,746	10/726,018	10/631,672
Description	Secondary Ground Fault Protected Neon Transformer	Self-dimming Electronic Ballast	Software Controlled Dimming Ballast	Transient Detection of End of Lamp Life Condition Apperatus and Method

Description

Country

IP Type

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Non-Exclusive Licensing Agreement between Lutron Electronics Corporation, Inc. and Universal Lighting Technologies Inc., dated 2/4/04

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