PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6608702

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	TERMINATION AND RELEASE OF SECURITY INTEREST IN INTELLECTUAL PROPERTY

CONVEYING PARTY DATA

Name	Execution Date
WILMINGTON TRUST, NATIONAL ASSOCIATION	03/16/2021

RECEIVING PARTY DATA

Name:	ADVANCED LIGHTING TECHNOLOGIES, LLC
Street Address:	7905 COCHRAN ROAD, SUITE 300
City:	GLENWILLOW
State/Country:	OHIO
Postal Code:	44139
Name:	ADLT FINANCE CO.
Street Address:	7905 COCHRAN ROAD, SUITE 300
City:	GLENWILLOW
State/Country:	OHIO
Postal Code:	44139
Name:	9999 SALES, INC.
Street Address:	7905 COCHRAN ROAD, SUITE 300
City:	GLENWILLOW
State/Country:	OHIO
Postal Code:	44139
Name:	ADLT REALTY CORP. I, INC.
Street Address:	7905 COCHRAN ROAD, SUITE 300
City:	GLENWILLOW
State/Country:	OHIO
Postal Code:	44139
Name:	ADVANCED LIGHTING MATERIALS NORTH AMERICA, INC.
Street Address:	7905 COCHRAN ROAD, SUITE 300
City:	GLENWILLOW
State/Country:	OHIO
Postal Code:	44139
Name:	ADVANCED LIGHTING TECHNOLOGIES AUSTRALIA, INC.
Street Address:	7905 COCHRAN ROAD, SUITE 300
	DATENT

PATENT REEL: 056886 FRAME: 0441

506561923

City:	GLENWILLOW
State/Country:	OHIO
Postal Code:	44139
Name:	APL ENGINEERED MATERIALS, INC.
Street Address:	7905 COCHRAN ROAD, SUITE 300
City:	GLENWILLOW
State/Country:	OHIO
Postal Code:	44139
Name:	EDSG, INC.
Street Address:	7905 COCHRAN ROAD, SUITE 300
City:	GLENWILLOW
State/Country:	OHIO
Postal Code:	44139
Name:	EPIC DESIGN SERVICES GROUP, INC.
Street Address:	7905 COCHRAN ROAD, SUITE 300
City:	GLENWILLOW
State/Country:	OHIO
Postal Code:	44139
Name:	LIGHTING RESOURCES INTERNATIONAL, INC.
Street Address:	7905 COCHRAN ROAD, SUITE 300
City:	GLENWILLOW
State/Country:	OHIO
Postal Code:	44139
Name:	VENTURE LIGHTING INTERNATIONAL, INC.
Street Address:	7905 COCHRAN ROAD, SUITE 300
City:	GLENWILLOW
State/Country:	OHIO
Postal Code:	44139

PROPERTY NUMBERS Total: 49

Property Type	Number
Patent Number:	5530321
Patent Number:	5539271
Patent Number:	5882237
Patent Number:	5924787
Patent Number:	6339287
Patent Number:	6661175
Patent Number:	6791254
Patent Number:	7153179

PATENT

REEL: 056886 FRAME: 0442

Property Type	Number
Patent Number:	7220035
Patent Number:	8668841
Patent Number:	8766537
Patent Number:	8277274
Patent Number:	8264147
Patent Number:	7583030
Patent Number:	7572163
Patent Number:	7396271
Patent Number:	7281492
Patent Number:	7187111
Patent Number:	7126283
Patent Number:	7057335
Patent Number:	6910932
Patent Number:	6897609
Patent Number:	6857926
Patent Number:	6833676
Patent Number:	6830495
Patent Number:	6815888
Patent Number:	6791280
Patent Number:	6674249
Patent Number:	6612892
Patent Number:	6554456
Patent Number:	6517404
Patent Number:	6271635
Patent Number:	6072286
Patent Number:	6022125
Patent Number:	5972442
Patent Number:	5896013
Patent Number:	D403100
Patent Number:	5572818
Patent Number:	D291928
Patent Number:	6541915
Patent Number:	6749478
Patent Number:	6781312
Patent Number:	7105989
Application Number:	10457442
Application Number:	11397558
Application Number:	11645725

Property Type	Number
Application Number:	13084414
Application Number:	13176882
Application Number:	13735275

CORRESPONDENCE DATA

Fax Number: (202)887-4288

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 2028874000

Email: dlee@akingump.com

Correspondent Name: DAVID C. LEE

Address Line 1: 2001 K STREET, N.W.

Address Line 2: ROBERT S. STRAUSS TOWER
Address Line 4: WASHINGTON, D.C. 20006

ATTORNEY DOCKET NUMBER:	6989098.001	
NAME OF SUBMITTER:	DAVID C. LEE	
SIGNATURE:	/David C. Lee/	
DATE SIGNED:	03/18/2021	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 10

source=ADLT - IP Termination and Release of Security Interest (1L Credit Agreement) (Executed)#page1.tif source=ADLT - IP Termination and Release of Security Interest (1L Credit Agreement) (Executed)#page2.tif source=ADLT - IP Termination and Release of Security Interest (1L Credit Agreement) (Executed)#page3.tif source=ADLT - IP Termination and Release of Security Interest (1L Credit Agreement) (Executed)#page4.tif source=ADLT - IP Termination and Release of Security Interest (1L Credit Agreement) (Executed)#page5.tif source=ADLT - IP Termination and Release of Security Interest (1L Credit Agreement) (Executed)#page6.tif source=ADLT - IP Termination and Release of Security Interest (1L Credit Agreement) (Executed)#page7.tif source=ADLT - IP Termination and Release of Security Interest (1L Credit Agreement) (Executed)#page8.tif source=ADLT - IP Termination and Release of Security Interest (1L Credit Agreement) (Executed)#page9.tif source=ADLT - IP Termination and Release of Security Interest (1L Credit Agreement) (Executed)#page9.tif source=ADLT - IP Termination and Release of Security Interest (1L Credit Agreement) (Executed)#page9.tif

TERMINATION AND RELEASE OF SECURITY INTEREST IN INTELLECTUAL PROPERTY

This **TERMINATION AND RELEASE OF SECURITY INTEREST IN INTELLECTUAL PROPERTY**, dated as of March 16, 2021 (this "Release"), is made by Wilmington Trust, National Association, as administrative agent and collateral agent (the "Administrative Agent") in favor of Advanced Lighting Technologies, LLC, as Borrower (the "Borrower"), ADLT Finance Co., 9999 Sales, Inc., ADLT Realty Corp. I, Inc., Advanced Lighting Materials North America, Inc., Advanced Lighting Technologies Australia, Inc., APL Engineered Materials, Inc., EDSG, Inc., Epic Design Services Group, Inc., Lighting Resources International, Inc. and Venture Lighting International, Inc. (collectively with the Borrower, the "Grantors").

WHEREAS, pursuant to that certain First Lien Credit Agreement dated as of October 4, 2017 (as amended, restated, amended and restated, supplemented or otherwise modified from time to time, the "Credit Agreement") and that certain First Lien Security Agreement dated as of October 4, 2017 (as amended, restated, amended and restated, supplemented or otherwise modified from time to time, the "Security Agreement") by and among the Grantors and the Administrative Agent, the Grantors granted to the Administrative Agent, for the benefit of the Secured Parties, a security interest in, among other property, certain intellectual property of the Grantors, and agreed as a condition thereof to execute that certain Intellectual Property Security Agreement, dated as of October 4, 2017, by and between the Grantors and the Administrative Agent (the "IP Security Agreement") for recording with the United States Patent and Trademark Office (the "USPTO") and the United States Copyright Office (the "USPTO");

WHEREAS, the IP Security Agreement was recorded (i) with the USPTO on October 5, 2017, at Reel: 044213, Frame: 0227 (with respect to the Patents described in the IP Security Agreement) and Reel: 006175 Frame: 0730 (with respect to the Trademarks described in the IP Security Agreement) and (ii) with the USCO on October 5, 2017 (Document Number V9951D525); and

WHEREAS, as confirmed by that certain Payoff Letter, dated as of March 15, 2021, all obligations of the Grantors under the Credit Agreement have been terminated (other than certain surviving obligations as set forth therein) and, in connection therewith, the Administrative Agent has released its security interest in the Intellectual Property Collateral (as defined below).

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Administrative Agent, on behalf of the Secured Parties, and the Grantors agree as follows:

- **SECTION 1**. <u>Defined Terms</u>. All capitalized terms used herein but not otherwise defined herein have the meanings given to them in the Credit Agreement, Security Agreement or IP Security Agreement, as applicable.
- **SECTION 2.** <u>Termination and Release</u>. The Administrative Agent, on behalf of itself, its successors and assigns, and the Secured Parties, without representation or warranty by, or recourse to the Administrative Agent of any kind, hereby:
- (a) unconditionally terminates, cancels, discharges, and releases all of its security interest in and to, and the right to set off against, the Grantors' intellectual property to the extent constituting Collateral (as defined in the Security Agreement), including, but not limited to, the foregoing listed on <u>Schedule A</u>, <u>Schedule B</u> and <u>Schedule C</u> attached hereto (the "<u>Intellectual Property Collateral</u>"), granted pursuant to the Security Agreement or the IP Security Agreement, and any right, title or interest of the Administrative Agent in such Intellectual Property Collateral shall hereby cease and become void. If and to the extent

that the Administrative Agent has acquired any right, title or interest in and to the Intellectual Property Collateral, the Administrative Agent, on behalf of itself, its successors and assigns, and the Secured Parties, without recourse to or representation or warranty of any kind by the Administrative Agent, hereby unconditionally re-transfers, re-conveys, and re-assigns such right, title or interest to the Grantors; and

- (b) authorizes the recordation of this Release with the USPTO and the USCO at the Grantors' expense.
- **SECTION 3**. Choice of Law. This Release shall be governed by and construed in accordance with the laws of the State of New York.
- **SECTION 4.** <u>Further Assurances</u>. The Administrative Agent hereby agrees, at the Grantors' expense, to duly execute, acknowledge, procure and deliver any further documents and to do such other acts as may be reasonably necessary to effect the release of the security interest contemplated hereby.

[Signatures on following page]

IN WITNESS WHEREOF, the Administrative Agent, on behalf of itself, its successors and assigns, and the Secured Parties, has caused this Termination and Release of Security Interest in Intellectual Property to be duly executed as of the date first set forth above.

Administrative Agent:

WILMINGTON TRUST, NATIONAL ASSOCIATION,

as Administrative Agent

Name: Joseph Feil

Title: Vice President

Schedule A

United States Patents and Patent Applications

Patent/Application	Patent Number/ Application Number/ Publication Number	Issue Date/ Filing Date/ Publication Date
POWER SUPPLY FOR A GAS	Patent #: 5530321	Issue Dt: 06/25/1996
DISCHARGE LAMP		
HORIZONTAL BURNING METAL	Patent #: 5539271	Issue Dt: 07/23/1996
HALIDE LAMP		
FLUORESCENT LAMP	Patent #: 5882237	Issue Dt: 03/16/1999
CONTAINING A MERCURY ZINC		
AMALGAM AND A METHOD OF		
MANUFACTURE		
METAL HALIDE LAMPS AND	Patent #: 5924787	Issue Dt: 07/20/1999
METHOD OF MANUFACTURE		
FLUORESCENT LAMP	Patent #: 6339287	Issue Dt: 01/15/2002
CONTAINING A MERCURY ZINC		
AMALGAM AND A METHOD OF		
MANUFACTURE		
SOLID LAMP FILL MATERIAL AND	Patent #: 6661175	Issue Dt: 12/09/2003
METHOD OF DOSING HID LAMPS		
FLUORESCENT LAMP	Patent #: 6791254	Issue Dt: 09/14/2004
CONTAINING A MERCURY ZINC		
AMALGAM AND A METHOD OF		
MANUFACTURE		
OXIDATION-PROTECTED	Patent #: 7153179	Issue Dt: 12/26/2006
METALLIC FOIL AND METHOD		
COMPACT, HIGH-EFFICIENCY	Patent #: 7220035	Issue Dt: 05/22/2007
ILLUMINATION SYSTEM FOR		
VIDEOIMAGING DEVICES ¹		
BISMUTH-ZINC-	Patent #: 8668841	Issue Dt: 03/11/2014
MERCURYAMALGAM,		
FLUORESCENT LAMPS, AND		
RELATED METHODS		
INFRARED HALOGEN LAMP WITH	Patent #: 8766537	Issue Dt: 07/01/2017
IMPROVED EFFICIENCY		
FLUORESCENT LAMP	Patent #: 8277274	Issue Dt: 10/02/2012
CONTAINING A MERCURY ZINC		
AMALGAM AND A METHOD OF		

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¹ Jointly Owned: ADVANCED LIGHTING TECHNOLOGIES, INC. and ENERGY FOCUS, INC.

Patent/Application	Patent Number/ Application Number/	Issue Date/ Filing Date/
	Publication Number	Publication Date
MANUFACTURE		
OXIDATION-PROTECTED	Patent #: 8264147	Issue Dt: 09/11/2012
METALLIC FOIL AND METHODS		
DOPANT-FREE TUNGSTEN	Patent #: 7583030	Issue Dt: 09/01/2009
ELECTRODES IN METAL HALIDE		
LAMPS	D : : !! 7570160	T D. 00/11/0000
HIGH INTENSITY DISCHARGE	Patent #: 7572163	Issue Dt: 08/11/2009
LAMPS, ARC TUBES, AND		
METHODS OF MANUFACTURE	D-44 #- 720/271	T D4- 07/00/2000
METHOD OF MAKING A PLASMA	Patent #: 7396271	Issue Dt: 07/08/2008
LAMP SYSTEM AND METHOD FOR	Patent #: 7281492	Issue Dt: 10/16/2007
GENERATING A DISCHARGE IN	Fatent #: /201492	188ue Dt: 10/10/200/
GASES		
SYSTEM AND METHOD FOR	Patent #: 7187111	Issue Dt: 03/06/2007
SUPPORTING ARC TUBES IN HID	Latent #: 7107111	Issue Dt. 03/00/2007
LAMPS		
SYSTEM AND METHOD FOR	Patent #: 7126283	Issue Dt: 10/24/2006
GENERATING A DISCHARGE IN	1 atent n. 7120203	155de Dt. 10/24/2000
HIGH PRESSURE GASES		
BARRIER COATINGS AND	Patent #: 7057335	Issue Dt: 06/06/2006
METHODS IN DISCHARGE LAMPS		20044 2 44 0 07 0 07 2 0 0
SOLID MERCURY RELEASING	Patent #: 6910932	Issue Dt: 06/28/2005
MATERIAL AND METHOD OF		
DOSING MERCURY INTO		
DISCHARGE LAMPS		
PLASMA LAMP AND METHOD	Patent #: 6897609	Issue Dt: 05/24/2005
METHOD OF MAKING ARC TUBES	Patent #: 6857926	Issue Dt: 02/22/2005
SOLID LAMP FILL MATERIAL AND	Patent #: 6833676	Issue Dt: 12/21/2004
METHOD OF DOSING HID LAMPS		
SOLID LAMP FILL MATERIAL AND	Patent #: 6830495	Issue Dt: 12/14/2004
METHOD OF DOSING HID LAMPS		
HALOGEN LAMPS, FILL	Patent #: 6815888	Issue Dt: 11/09/2004
MATERIAL AND METHODS OF		
DOSING HALOGEN LAMPS		
SYSTEM AND METHOD FOR	Patent #: 6791280	Issue Dt: 09/14/2004
GENERATING A DISCHARGE IN		
HIGH PRESSURE GASES		
RESISTIVELY BALLASTED	Patent #: 6674249	Issue Dt: 01/06/2004
GASEOUS DISCHARGE LAMP		
CIRCUIT AND METHOD		

ADVANCED LIGHTING TECHNOL	OGIES, LLC	
Patent/Application	Patent Number/ Application Number/ Publication Number	Issue Date/ Filing Date/ Publication Date
HIGH INTENSITY DISCHARGE LAMPS, ARC TUBES AND METHODS OF MANUFACTURE	Patent #: 6612892	Issue Dt: 09/02/2003
EFFICIENT DIRECTIONAL LIGHTING SYSTEM	Patent #: 6554456	Issue Dt: 04/29/2003
HIGH INTENSITY DISCHARGE LAMPS, ARC TUBES AND METHODS OF MANUFACTURE	Patent #: 6517404	Issue Dt: 02/11/2003
DIMMING SYSTEM AND METHOD FOR MAGNETICALLY BALLASTED GASEOUS DISCHARGE LAMPS	Patent #: 6271635	Issue Dt: 08/07/2001
AUXILIARY LIGHTING CONTROL CIRCUIT AND METHOD FOR A HID LAMP LIGHTING SYSTEM	Patent #: 6072286	Issue Dt: 06/06/2000
COMBINATION METAL HALIDE AND AUXILIARY BULB LAMP	Patent #: 6022125	Issue Dt: 02/08/2000
STRENGTHENING AGENT, STRENGTHENED METAL HALIDE PARTICLES, AND IMPROVED LAMP FILL MATERIAL	Patent #: 5972442	Issue Dt: 10/26/1999
OPERATING CIRCUIT FOR AN INDUCTIVELY BALLASTED ARC DISCHARGE LAMP	Patent #: 5896013	Issue Dt: 04/20/1999
LAMPHOLDER ASSEMBLY WITH INTEGRAL BALLAST FOR A STANDING LAMP	Patent #: D403,100	Issue Dt: 12/22/1998
FIBER OPTIC LIGHT BAR FOR EDGE LIGHTED SIGNAGE	Patent #: 5572818	Issue Dt: 11/12/1996
FLUORESCENT LIGHTING FIXTURE	Patent #: D291928	Issue Dt: 09/15/1987
HIGH PRESSURE ARC LAMP ASSISTED START UP DEVICE AND METHOD	Patent #: 6541915	Issue Dt: 04/01/2003
METHOD OF MAKING AN ELECTRIC LAMP HAVING A GAS FILLED OUTER JACKET	Patent #: 6749478	Issue Dt: 06/15/2004
HORIZONTAL BURNING HID LAMPS AND ARC TUBES	Patent #: 6781312	Issue Dt: 08/24/2004
PLASMA LAMP AND METHOD HIGH INTENSITY DISCHARGE	Patent #: 7105989 Application #: 10457442	Issue Dt: 09/12/2006 Publication Dt:

ADVANCED LIGHTING TECHNOLOGIES, LLC			
Patent/Application	Patent Number/ Application Number/ Publication Number	Issue Date/ Filing Date/ Publication Date	
LAMPS, ARC TUBES AND		01/22/2004	
METHODS OF MANUFACTURE			
FIBER ILLUMINATION SYSTEM	Application #: 11397558	Publication Dt:	
FOR BACK LIGHTING		11/09/2006	
PROJECTION LIGHT SOURCE AND	Application #: 11645725	Publication Dt:	
METHODS OF MANUFACTURE		08/30/2007	
MECHANICALLY PLATED	Application #: 13084414	Publication Dt:	
PELLETS AND METHOD OF		10/13/2011	
MANUFACTURE			
DISCHARGE LAMP WITH LONG	Application #: 13176882	Publication Dt:	
LIFE		08/02/2012	
INTEGRATED OPTIC LAMP	Application #: 13735275	Publication Dt:	
		07/10/2014	

VENTURE LIGHTING INTERNATIONAL, INC.					
Patent/Application	Patent Number/ Application Number/ Publication Number	Issue Date/ Filing Date/ Publication Date			
HORIZONTAL BURNING	Patent #: 5055740	Issue Dt: 10/08/1991			
METAL HALIDE LAMP					
ARC TUBE ASSEMBLY	Patent #: 4959587	Issue Dt: 09/25/1990			
SOLID STATE BALLAST	Patent #: 5225742	Issue Dt: 07/06/1993			
FOR HIGH INTENSITY					
DISCHARGE LAMPS					
HORIZONTAL BURNING	Patent #: 5539271	Issue Dt: 07/23/1996			
METAL HALIDE LAMP					
HIGH INTENSITY ARC	Patent #: 5550422	Issue Dt: 08/27/1996			
DISCHARGE LAMP					
HAVING CLIP MEMBER					
TO SECURE BASE TO					
OUTER LAMP ENVELOPE					
ULTRA-PURE METAL	Patent #: 3948793	Issue Dt: 04/06/1976			
HALIDE PARTICLES					

Schedule B
United States Registered and Applied for Trademarks

Trademark	Status	Int'l	Serial Number	Registration
	D : 1	Class(es)	75/102 120	Number
	Registered	9, 11, 37, 42	75/193,130	2,396,124
	Registered	9, 11, 37, 42	75/193,127	2,276,319
	Registered	9, 11, 37, 42	75/193,126	2,442,930
	Registered	11	74/685,870	2,103,892
AGRICULTURAL LIGHTING TECHNOLOGIES	Registered	11	86/521,710	4,943,123
DESIGNER COLOR	Registered	11	75/292,526	2,414,899
ENERGY MASTER	Registered	11	74/202,220	1,715,439
EVER-START	Registered	11	85/730,974	4,419,720
₹ United	Registered	35	75/460,924	2,424,348
InLighten	Registered	37, 42	77/313,564	4,016,207
LEAFNUT	Registered	9	85/760,344	4,499,022
Leaf Nut	Registered	9	85/760,328	4,499,021
	Registered	11	86/452,435	5,281,604
MICROSUN	Registered	11	74/685,868	2,099,921
NATURAL WHITE	Registered	11	76/596,435	3,204,297
SMARTPAC	Registered	40	75/132,747	2,241,770
SmartpaC	Registered	40	75/132,748	2,223,069
SPORT 60	Registered	11	75/326,475	2,288,431
SUNMASTER	Registered	11	75/392,841	2,355,783
UNI-FORM	Registered	11	75/193,129	2,283,584
UNIFORM	Registered	11	75/193,132	2,283,585
UV SHIELD	Registered	11	75/398,602	2,396,198
VENTURE	Registered	11	74/164,191	1,707,980

ADVANCED LIGHTING TECHNOLOGIES, LLC						
Trademark	Status	Int'l Class(es)	Serial Number	Registration Number		
VENTURE	Registered	9, 11, 37, 42	75/193,131	2,324,735		
VENTURE LIGHTING INTERNATIONAL	Registered	11	73/553,314	1,396,659		
VYBRANT 2X	Registered	11	85/665,731	4,412,001		
WHITE-LUX	Registered	11	74/086,494	1,730,895		

Schedule C

United States Registered Copyrights

ADVANCED LIGHTING TECHNOLOGI	ES, LLC	
Title	Date Registered	Registration No.
The world leader in high purity material and	4-29-2003	TX0005704494
components for the lighting industry		

RECORDED: 03/18/2021