## 503342755 06/09/2015

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT3389375

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT	ASSIGNMENT	
CONVEYING PARTY DATA			
	Name	Execution Date	
LICHANG ZENG		06/08/2015	
SUMAN LAYEK		06/08/2015	
PIERRE-LUC T. BOUDREAULT		06/08/2015	
ZEINAB ELSHENAWY		06/05/2015	
GREGG KOTTAS		06/08/2015	
ALEXEY BORISOVICH DYATKIN		06/08/2015	
SCOTT JOSEPH		06/08/2015	
VADIM ADAMOVICH		06/08/2015	
CHUANJUN XIA		06/08/2015	
TING-CHIH WANG		06/08/2015	
WALTER YEAGER		06/08/2015	

## **RECEIVING PARTY DATA**

Name:	UNIVERSAL DISPLAY CORPORATION
Street Address:	375 PHILLIPS BOULEVARD
City:	EWING
State/Country:	NEW JERSEY
Postal Code:	08618

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14734712

### **CORRESPONDENCE DATA**

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.Phone:215-979-1581Email:amherrman@duanemorris.comCorrespondent Name:DUANE MORRIS LLP (UDC)Address Line 1:30 SOUTH 17TH STREETAddress Line 4:PHILADELPHIA, PENNSYLVANIA 19103

ATTORNEY DOCKET NUMBER:	F7059-21902 (UDC-1000AUS)	
NAME OF SUBMITTER:	GREGORY M. LEFKOWITZ	
SIGNATURE:	/Gregory M. Lefkowitz/	
DATE SIGNED:	06/09/2015	
Total Attachments: 5		
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source=F7059-21902_ELSHENAWYASSIGNMENT#page1.tif		
source=F7059-21902_ELSHENAWYASSIGNMENT#page2.tif		

### ASSIGNMENT

WHEREAS, we, Lichang ZENG, Suman LAYEK, Pierre-Luc T. BOUDREAULT, Zeinab ELSHENAWY, Gregg KOTTAS, Alexey Borisovich DYATKIN, Scott JOSEPH, Vadim ADAMOVICH, Chuanjun XIA, Ting-Chih WANG and Walter YEAGER (hereinafter referred to as ASSIGNORS) have invented certain inventions or improvements relating to ORGANIC ELECTROLUMINESCENT MATERIALS AND DEVICES, which claims priority to U.S. Provisional Patent Application Serial No. 62/022,300, filed July 9, 2014; U.S. Provisional Patent Application Serial No. 62/038,925, filed August 19, 2014; U.S. Provisional Patent Application Serial No. 62/060,192, filed October 16, 2014; and U.S. Provisional Patent Application Serial No. 62/083,490, filed November 24, 2014 for which a United States patent application, bearing Attorney Docket No. F7059-21902 (UDC-1000AUS), is being filed herewith.

WHEREAS, Universal Display Corporation, a corporation having a place of business at 375 Phillips Boulevard, Ewing, NJ 08618 (hereinafter referred to as ASSIGNEE) is desirous of acquiring the entire right, title and interest in, to and under said inventions or improvements, said application and any and all patents to be obtained therefor or granted as a result thereof;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE of valuable consideration to ASSIGNORS, the receipt and adequacy of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNORS hereby sell, assign, and transfer to ASSIGNEE and the successors, assigns and legal representatives of the ASSIGNEE all of ASSIGNORS' rights, title and interest in, to, and under said inventions or improvements and said application and to any and all inventions described in said application for the United States, its territorial possessions and all foreign countries, and all of ASSIGNORS' rights, title and interest in, to, and under any and all Letters Patent which may be granted therefor in the United States, its territorial possessions and all foreign countries, and in, to, and under any and all continuations-in-part, continuations, divisions, substitutes, reissues, extensions, renewals, and reexaminations thereof, and all other applications for Letters Patent relating thereto which have been or shall be filed in the United States, its territorial possessions and/or any foreign countries, and all rights, together with all priority rights, under any of the international conventions, unions, agreements, acts, and treaties, including all future conventions, unions, agreements, acts, and treaties.

ASSIGNORS request that any and all patents for said inventions or improvements be issued to said ASSIGNEE, its successors, assigns and legal representatives, or to such nominees as it may designate.

ASSIGNORS authorize and empower the said ASSIGNEE, its successors, assigns and legal representatives to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from ASSIGNORS.

F7059-21902 Assignment

PATENT REEL: 035871 FRAME: 0422

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ASSIGNORS hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said ASSIGNEE, its successors, assigns, and legal representatives, to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

ASSIGNORS agree that, when requested to carry out in good faith the intent and purpose of this assignment, at the expense of said ASSIGNEE, its successors, assigns and legal representatives, the ASSIGNORS will execute all continuations-in-part, continuations, divisions, substitutes, reissues, extensions, renewals, and reexamination thereof and any legal equivalent thereof in a foreign country, execute all rightful oaths, assignments, powers of attorney and other papers, testify in any legal or quasi legal proceedings and any legal equivalent thereof in a foreign country; communicate to said ASSIGNEE, its successors, assigns, and legal representatives, all facts known to the ASSIGNORS relating to said inventions and the history thereof; and generally do everything possible which said ASSIGNEE, its successors, assigns or legal representatives, shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said inventions and for vesting title to said inventions and all applications for patents on said inventions in said ASSIGNEE, its successors, assigns and legal representatives.

ASSIGNORS covenant with said ASSIGNEE, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that ASSIGNORS have full right to convey the same as herein expressed.

Signed at

Lichang ZENG

Suman LAYEK

Pierre-Luc T. BOUDREAULT

5/08/2015

(Date)

06/08/2015

(Date)

(Date)

Zeinab ELSHENAWY

(Date)

F7059-21902 Assignment

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## PATENT REEL: 035871 FRAME: 0423

Altorney Docket No.: F7059-21902 (UDC-1000AUS)

Gregg KOTTAS

Alexey Borisovich DYATKIN

Scott JOSEPH

Vadim ADAMOVICH

Chuanjun XIA

Ting-Chih WANG

Walter YEAGER

(Date)

(Date)

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(Date)

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(Date)

6/8/2015 (Date)

(Date)

Anomey Ducket No.: F7059-00202 (UDC-8471-US)

#### ASSIGNMENT

WHEREAS. wc. Lichang ZENG, Suman LAYEK, Pierre-Luc T. BOUDREAULT, Zeinab ELSHENAWY, Gregg KOTTAS, Alexey Borisovich DYATKIN, Scott JOSEPH, Vadim ADAMOVICH, Chuanjan XIA, Ting-Chih WANG and Walter YEAGER(breinafter referred to as ASSIGNORS) have invented certain inventions or improvements relating to ORGANIC ELECTROLUMINESCENT MATERIALS AND DEVICES, which claims priority to U.S. Provisional Patent Application Serial No. 62/022,300, filed July 9, 2014; U.S. Provisional Patent Application Serial No. 62/038,925, filed August 19, 2014; U.S. Provisional Patent Application Serial No. 62/060,192, filed October 16, 2014; and U.S. Provisional Patent Application Serial No. 62/083,490, filed November 24, 2014 for which a United States patent application, bearing Anomey Docket No. F7059-21902 (UDC-1000AUS), is being filed herewith.

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NOW, THEREFORE. TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE of valuable consideration to ASSIGNORS, the receipt and adequacy of which is hereby acknowledged, and for other good and valuable consideration. ASSIGNORS hereby sell, assign, and transfer to ASSIGNEE and the successors, assigns and legal representatives of the ASSIGNEE all of ASSIGNORS' rights, title and interest in, to, and under said inventions or improvements and said application and to any and all inventions described in said application for the United States, its territorial possessions and all foreign countries, and all of ASSIGNORS' rights, title and interest in, to, and under any and all Letters Patent which may be granted therefor in the United States, its territorial possessions and all foreign countries, and in, to, and under any and all continuations-in-part, continuations, divisions, substitutes, reissues, extensions, renewals, and reexaminations thereof, and all other applications for Letters Patent relating thereto which have been or shall be filed in the United States, its territorial possessions and all rights, together with all priority rights, under any of the international conventions, unions, agreements, acts, and treatles, including all future conventions, unloss, agreements, acts, and treaties.

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ASSIGNORS hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said ASSIGNEE, its successors, assigns, and legal representatives, to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

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ASSIGNORS covenant with said ASSIGNEE, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that ASSIGNORS have full right to convey the same as herein expressed.

Signed at

PATENT REEL: 035871 FRAME: 0425 Lichang ZENG (Date)

Sumas LAYEK (Date)

Pierre-Luc T. BOUDREAULT (Date)

Zeinsh ELSHENAWY (Date) and the second s

06/05/2015

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Gregg KOTTAS (Date)

Alexcy Borisovich DYATKIN (Date)

Scott JOSEPH (Date)

Vadim ADAMOVICH (Date)

Chunnjun XIA (Date)

Ting-Chib WANG (Date)

Walter YEAGER (Date)

PATENT REEL: 035871 FRAME: 0426

**RECORDED: 06/09/2015**