502061735 09/14/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT | |
|-----------------------|----------------|--|
| NATURE OF CONVEYANCE: | ASSIGNMENT | |

CONVEYING PARTY DATA

| Name | Execution Date |
|-----------------|----------------|
| Naoyuki HAYASHI | 09/06/2012 |
| Ikuo KINOSHITA | 09/07/2012 |

RECEIVING PARTY DATA

| Name: | Universal Display Corporation Ireland Limited | |
|-------------------|---|--|
| Street Address: | Mespil Business Centre, Mespil House | |
| Internal Address: | Sussex Road | |
| City: | Dublin 4 | |
| State/Country: | IRELAND | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 13634774 |

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: Q142430

NAME OF SUBMITTER: Perri D. Michael, New Apps. Specialist

Total Attachments: 1

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PATENT

REEL: 028964 FRAME: 0337

For Non-U.S. Clients

Assignment

Whereas, I/We,

Naoyuki Hayashi of Kanagawa, Japan and Ikuo Kinoshita of Kanagawa, Japan

hereinafter called assignor(s), have invented certain improvements in

METHOD FOR PRODUCING ORGANIC ELECTROLUMINESCENCE ELEMENT

and executed an application for Letters Patent of the United States of America therefor on September 6 and 7, 2012; and

Whereas, Universal Display Corporation Ireland Limited of Mespil Business Centre, Mespil House, Sussex Road, Dublin 4, Ireland

(assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and I/we request the Director – U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

| | | | ir attorneys SUGHRUE | | | |
|--------|--|------------------|--------------------------|--------------------|--|--|
| Penns | ylvania Avenue, NW | , Washington, DO | C 20037-3213 to insert h | ere in parentheses | | |
| (Appl | ication number | 13/634,774 | and Confirmatio | n number | | |
| | 1271 | , filed | 09/13/2012 |) the filing date | | |
| and ap | 1271 , filed 09/13/2012) the filing date and application number of said application when known. | | | | | |
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| TD . | 2012 / 9 /6 s/Na | 11. 11 | 11 -61. | | | |
| Date: | 2014 [1 (0 | 1000401CI | Hayabul | | | |
| | s/ Na | aoyuki Hayashi | / | | | |
| | | 71 | 7/2 11/m | | | |
| Date: | 2012/9/1 | LEWO. | Kindshita | | | |
| | s/ Ik | uo Kinoshita | | | | |

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

PATENT REEL: 028964 FRAME: 0338

RECORDED: 09/14/2012