

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>YOSUKE YAMAMOTO</td> <td>12/04/2013</td> </tr> <tr> <td>KOUSUKE WATANABE</td> <td>12/04/2013</td> </tr> <tr> <td>YUICHIRO ITAI</td> <td>12/05/2013</td> </tr> </tbody> </table>		Name	Execution Date	YOSUKE YAMAMOTO	12/04/2013	KOUSUKE WATANABE	12/04/2013	YUICHIRO ITAI	12/05/2013
Name	Execution Date								
YOSUKE YAMAMOTO	12/04/2013								
KOUSUKE WATANABE	12/04/2013								
YUICHIRO ITAI	12/05/2013								
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State/Country:	IRELAND								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13778086</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13778086				
Property Type	Number								
Application Number:	13778086								
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NAME OF SUBMITTER:	ROBERT P. UDAL								
Signature:	/Robert P. Udal/								

Date:

02/09/2014

Total Attachments: 5

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ASSIGNMENT

WHEREAS, WE, Yosuke Yamamoto, a citizen of Japan, with a post office address of **577, Ushijima, Kaisei-machi, Ashigarakami-gun, Kanagawa, JP 258-8577**; **Kousuke Watanabe**, a citizen of Japan, with a post office address of **577, Ushijima, Kaisei-machi, Ashigarakami-gun, Kanagawa, JP 258-8577**; and **Yuichiro Itai**, a citizen of Japan, with a post office address of **577, Ushijima, Kaisei-machi, Ashigarakami-gun, Kanagawa, JP 258-8577**; hereinafter generally referred to as "ASSIGNORS", has invented certain new and useful invention entitled:

“ORGANIC ELECTROLUMINESCENT ELEMENT, MATERIALS FOR ORGANIC ELECTROLUMINESCENT ELEMENT, AND LIGHT EMITTING DEVICE, DISPLAY DEVICE, OR ILLUMINATION DEVICE, EACH USING THE ELEMENT, AND COMPOUNDS USED IN THE ELEMENT”

that is described in U.S. Non-Provisional Patent Application No. **13/778,086** filed **February 26, 2013**; ("Invention") naming the above ASSIGNORS as inventors.

WHEREAS, UDC Ireland Limited, a corporation having a place of business **Alexandra House, The Sweepstakes, Ballsbridge, Dublin 4, Ireland** hereinafter generally referred to as "ASSIGNEE," is desirous of acquiring and/or confirming the acquisition of said Inventions.

NOW, THEREFORE, in consideration of good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged and intending to be legally bound hereby, We, the undersigned ASSIGNORS, have assigned and/or by these presents do sell, assign, transfer and convey unto the above-named ASSIGNEE, the whole and entire right, title and interest:

in and to said Inventions as described in the above patent application, for the territory of the United States and its possessions and territories and all foreign countries;

in and to the above patent application and any and all United States and foreign patent applications disclosing said Inventions including, without limitation, applications for patents including provisionals, non-provisionals, divisions, continuations, continuations-in-part, requests for continued examinations, utility models, PCT applications and designs and any other related United States and foreign applications and equivalents thereof ("Applications"), along with the right to claim priority to said Applications under any treaty relating thereto;

in and to all United States and foreign patents, utility models, inventor's certificates and designs and all equivalents thereof which may be granted for said Inventions or Applications, including extensions, renewals, reissues and reexamination certificates thereof ("Patents"); and

in and to all rights to sue for and collect damages resulting from past, present and future infringement of all granted or to be granted Patents;

said Inventions, Applications and Patents to be held and enjoyed by the above-named ASSIGNEE, for ASSIGNEE's own use and benefit, and for ASSIGNEE's legal representatives and assigns to the full end of the term or terms for which said granted or to be granted Patents, as fully and entirely as the same would have been held by the undersigned ASSIGNORS had this assignment and sale not been made; and for the aforesaid consideration ASSIGNORS hereby covenant, agree and undertake to execute, whenever requested by the above-named ASSIGNEE, all patent applications, assignments, lawful oaths and any other papers which ASSIGNEE may deem necessary or desirable for securing to ASSIGNEE or for maintaining for ASSIGNEE all the Applications and Patents hereby assigned or agreed to be assigned; all without further compensation to the undersigned ASSIGNORS.

It is agreed that ASSIGNORS shall be legally bound, upon request and at the expense of ASSIGNEE or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the undersigned has knowledge or possession, relating to the making and practicing of the Inventions, and to testify in any legal proceeding relating thereto.

ASSIGNORS hereby represent and warrant that they have full right, power and authority to assign ASSIGNOR'S entire right, title, and interest in said Patents and Applications, and Inventions disclosed therein, and to consummate the assignment contemplated herein. ASSIGNORS also represent and warrant that they have full right, power, and authority to enter into, execute, and deliver this Assignment, the execution and delivery of which have been duly authorized by all necessary action on the part of ASSIGNORS, and no other authorization or proceedings on the part of ASSIGNORS are necessary to authorize this Assignment. This Assignment has been duly executed and delivered and constitutes a valid, binding and enforceable assignment of the entire right, title, and interest in the Patents and Applications, and Inventions disclosed therein.

ASSIGNORS hereby warrant that no assignment, sale, agreement, or encumbrance has been or will be made or entered into which would conflict with this Assignment.

(SIGNATURE PAGE FOLLOWS)

Dec. 4, 2013
(Date)

Yosuke Yamamoto
Yosuke Yamamoto

Dec. 4, 2013
(Date)

Kousuke Watanabe
Kousuke Watanabe

Dec. 5, 2013
(Date)

Yuichiro Itai
Yuichiro Itai