

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>Kazuki Nishimura</td> <td>12/16/2011</td> </tr> <tr> <td>Toshihiro Iwakuma</td> <td>12/19/2011</td> </tr> <tr> <td>Chishio Hosokawa</td> <td>12/19/2011</td> </tr> <tr> <td>Toshinari Ogiwara</td> <td>12/19/2011</td> </tr> </tbody> </table>		Name	Execution Date	Kazuki Nishimura	12/16/2011	Toshihiro Iwakuma	12/19/2011	Chishio Hosokawa	12/19/2011	Toshinari Ogiwara	12/19/2011		
Name	Execution Date												
Kazuki Nishimura	12/16/2011												
Toshihiro Iwakuma	12/19/2011												
Chishio Hosokawa	12/19/2011												
Toshinari Ogiwara	12/19/2011												
RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>Idemitsu Kosan Co., Ltd.</td> </tr> <tr> <td>Street Address:</td> <td>1-1 Marunouchi 3-Chrome</td> </tr> <tr> <td>Internal Address:</td> <td>Chiyoda-Ku</td> </tr> <tr> <td>City:</td> <td>Tokyo</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>100-8231</td> </tr> </table>		Name:	Idemitsu Kosan Co., Ltd.	Street Address:	1-1 Marunouchi 3-Chrome	Internal Address:	Chiyoda-Ku	City:	Tokyo	State/Country:	JAPAN	Postal Code:	100-8231
Name:	Idemitsu Kosan Co., Ltd.												
Street Address:	1-1 Marunouchi 3-Chrome												
Internal Address:	Chiyoda-Ku												
City:	Tokyo												
State/Country:	JAPAN												
Postal Code:	100-8231												
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>13642693</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13642693								
Property Type	Number												
Application Number:	13642693												
CORRESPONDENCE DATA													
<p>Fax Number: 2159791020 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 215-979-1000 Email: pcmontemuro@duanemorris.com Correspondent Name: DUANE MORRIS LLP - Philadelphia IP DEPAR Address Line 1: 30 SOUTH 17TH STREET Address Line 4: PHILADELPHIA, PENNSYLVANIA 19103-4196</p>													
ATTORNEY DOCKET NUMBER:	Y3400-10201												
NAME OF SUBMITTER:	Won Joon Kouh												
<p>Total Attachments: 4 source=102011KAssignment#page1.tif source=102011KAssignment#page2.tif source=102011KAssignment#page3.tif source=102011KAssignment#page4.tif</p>													

CH \$40.00 13642693

ASSIGNMENT

WHEREAS, We, Kazuki Nishimura, Toshihiro Iwakuma, Chishio Hosokawa and Toshinari Ogiwara (hereinafter referred to as ASSIGNORS) have invented certain inventions or improvements relating to **ORGANIC LIGHT EMITTING DEVICE AND MATERIALS FOR USE IN SAME** for which PCT Application No. PCT/US2010/041177 was filed July 7, 2010 and,

WHEREAS, IDEMITSU KOSAN CO., LTD., a corporation having a place of business at 1-1 Marunouchi 3-Chrome, Chiyoda-Ku, Tokyo, 100-8231, Japan (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. For all legal purposes, this assignment shall be effective as of July 7, 2010.

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.

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 Sodegaura, Chiba, Japan
(City, Province or state, country)

Kazuki Nishimura
Kazuki Nishimura

12.16.2011
(Date)

WITNESS 1:

Yasuhiro Goto
(Please Print Name)

Yasuhiro Goto
(Signature)

Jan. 5, 2012
(Date)

WITNESS 2:

Kazuhide Arai
(Please Print Name)

Kazuhide Arai
(Signature)

Jan. 5, 2012
(Date)

Toshihiro Iwakuma
Toshihiro Iwakuma

Dec. 19, 2011
(Date)

WITNESS 1:

Yasuhiro Goto
(Please Print Name)

Yasuhiro Goto
(Signature)

Jan 5, 2012
(Date)

WITNESS 2:

Kazuhide Arai
(Please Print Name)

Kazuhide Arai
(Signature)

Jan 5, 2012
(Date)

Chishio Hosokawa
Chishio Hosokawa

Dec. 19, 2011
(Date)

WITNESS 1:

Yasuhiro Goto
(Please Print Name)

Yasuhiro Goto
(Signature)

Jan. 5, 2012
(Date)

WITNESS 2:

Kazuhide Arai
(Please Print Name)

Kazuhide Arai
(Signature)

Jan. 5, 2012
(Date)

Toshinari Ogiwara
Toshinari Ogiwara

12.19.2011
(Date)

WITNESS 1:

Yasuhiro Goto
(Please Print Name)

Yasuhiro Goto
(Signature)

Jan. 5, 2012
(Date)

WITNESS 2:

Kazuhide Arai
(Please Print Name)

Kazuhide Arai
(Signature)

Jan. 5. 2012
(Date)