

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>SUZUSHI NISHIMURA</td> <td>10/08/2013</td> </tr> <tr> <td>SOON MOON JEONG</td> <td>10/07/2013</td> </tr> <tr> <td>MAKI FUKUDA</td> <td>10/08/2013</td> </tr> <tr> <td>TOSHIHIKO SHIBANUMA</td> <td>10/08/2013</td> </tr> </tbody> </table>		Name	Execution Date	SUZUSHI NISHIMURA	10/08/2013	SOON MOON JEONG	10/07/2013	MAKI FUKUDA	10/08/2013	TOSHIHIKO SHIBANUMA	10/08/2013
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<table border="1"> <tr> <td>Name:</td> <td>JX NIPPON OIL & ENERGY CORPORATION</td> </tr> <tr> <td>Street Address:</td> <td>6-3, OTEMACHI 2-CHOME</td> </tr> <tr> <td>City:</td> <td>CHIYODA-KU, TOKYO</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>100-8162</td> </tr> </table>		Name:	JX NIPPON OIL & ENERGY CORPORATION	Street Address:	6-3, OTEMACHI 2-CHOME	City:	CHIYODA-KU, TOKYO	State/Country:	JAPAN	Postal Code:	100-8162
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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>14114175</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14114175						
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CORRESPONDENCE DATA											
<p>Fax Number: (202)419-7007</p> <p>Phone: 202-419-7000</p> <p>Email: LFord@fitcheven.com</p> <p><i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i></p> <p>Correspondent Name: FITCH, EVEN, TABIN & FLANNERY, LLP</p> <p>Address Line 1: ONE LAFAYETTE CENTER</p> <p>Address Line 2: 1120 20TH STREET, NW, SUITE 750 SOUTH</p> <p>Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20036</p>											
ATTORNEY DOCKET NUMBER:	8094/131792										
NAME OF SUBMITTER:	LOIS FORD										

Signature:	/Lois Ford/
Date:	10/25/2013
Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif	

Please return signed/recorded to:
Fitch, Even, Tabin & Flannery
One Lafayette Centre, 1120 20th Street
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Washington, D.C. 20036

Inventions made outside USA
Executed with or after application

Atty. Dkt. 8094/131792

USA Patent Appln.
Sole or Joint

NONPROVISIONAL

ASSIGNMENT

NONPROVISIONAL

OF NONPROVISIONAL APPLICATION

In consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration paid to each of the undersigned, to wit:

INSERT
NAME(S) OF INVENTOR(S) (1) Suzushi NISHIMURA (2) Soon Moon JEONG
(3) Maki FUKUDA (4) Toshihiko SHIBANUMA
☐ x box if continued on page 2

the receipt and sufficiency of which are hereby acknowledged by the undersigned who at the request of, hereby sell(s), assign(s) and transfer(s) unto:

INSERT
NAME(S) OF JX NIPPON OIL & ENERGY CORPORATION
ASSIGNEE(S) 6-3, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-8162 Japan
& ADDRESS(ES)

(hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100, in the invention and all applications including any divisions, continuations, substitutes, and reissues thereof; and all resulting patents, known as: LIGHT EXTRACTION TRANSPARENT SUBSTRATE FOR ORGANIC EL ELEMENT, AND ORGANIC EL ELEMENT USING THE SAME, for which the undersigned executed an application for Letters Patents of the United States of America:

NOTE → → (A) ☒ even date herewith
(Complete) (B) ☐ on _____
line A, B and/or C) (C) ☐ in U.S. Appln. No. _____ / _____ filed _____

AND the undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree(s) that the attorney of record in said application shall hereinafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree(s) to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE'S full protection and title in and to the invention hereby transferred.

NOTE)) The undersigned hereby authorize(s) Fitch, Even, Tabin & Flannery of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

	<u>INVENTORS</u>	<u>DATE SIGNED</u>	<u>WITNESSES</u>
1)	<u>Suzushi Nishimura</u>	<u>8th Oct. 2013</u>	<u>Tomomi Okada</u>
Name:	Suzushi NISHIMURA		
2)	<u>Soon Moon JEONG</u>		
Name:	Soon Moon JEONG		
3)	<u>Maki Fukuda</u>	<u>8th Oct. 2013</u>	<u>Tomomi Okada</u>
Name:	Maki FUKUDA		
4)	<u>Toshihiko Shibamura</u>	<u>8th Oct. 2013</u>	<u>Tomomi Okada</u>
Name:	Toshihiko SHIBANUMA		

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INVENTORS

DATE SIGNED

WITNESSES

1)	_____	_____	_____
Name:	Suzushi NISHIMURA		
2)	<u>Soon Moon Jeong</u>	<u>2013/10/7</u>	<u>Tomomi Okada</u>
Name:	Soon Moon JEONG		
3)	_____	_____	_____
Name:	Maki FUKUDA		
4)	_____	_____	_____
Name:	Toshihiko SHIBANUMA		