

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
<b>CONVEYING PARTY DATA</b>													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Yoshihito SATO</td> <td>10/24/2011</td> </tr> <tr> <td>Nobuhiro ARAI</td> <td>10/24/2011</td> </tr> <tr> <td>Jun MATSUI</td> <td>10/24/2011</td> </tr> <tr> <td>Shingetsu YAMADA</td> <td>10/24/2011</td> </tr> <tr> <td>Shuuji SUZUKI</td> <td>10/24/2011</td> </tr> </tbody> </table>		Name	Execution Date	Yoshihito SATO	10/24/2011	Nobuhiro ARAI	10/24/2011	Jun MATSUI	10/24/2011	Shingetsu YAMADA	10/24/2011	Shuuji SUZUKI	10/24/2011
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<b>RECEIVING PARTY DATA</b>													
Name:	MITSUBISHI CHEMICAL CORPORATION												
Street Address:	14-1, Shiba 4-chome, Minato-ku												
City:	Tokyo												
State/Country:	JAPAN												
Postal Code:	108-0014												
<b>PROPERTY NUMBERS Total: 1</b>													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13310131</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13310131								
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Application Number:	13310131												
<b>CORRESPONDENCE DATA</b>													
Fax Number:	(703)413-2220												
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Address Line 4:	Alexandria, VIRGINIA 22314												
ATTORNEY DOCKET NUMBER:	389522US99CONT												
NAME OF SUBMITTER:	Malisa Savanh												
Total Attachments: 2 source=389522USASSIGNMENT#page1.tif source=389522USASSIGNMENT#page2.tif													

OP \$40.00 13310131

# Assignment of Application

INSERT NAMES  
AND RESIDENCE  
ADDRESS OF  
THE INVENTORS:

WHEREAS, I (WE) Yoshihito SATO and Nobuhiro ARAI, both of Ibaraki, Japan,  
Jun MATSUI, Shingetsu YAMADA and Shuuji SUZUKI, all of Shiga, Japan

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\_\_\_\_\_, respectively,

INSERT TITLE OF  
INVENTION:

have invented certain new and useful improvements in: METAL SUBSTRATE AND LIGHT SOURCE DEVICE

(Application No. 13/310,131, filed December 2, 2011), and

INSERT NAME  
AND ADDRESS OF  
COMPANY OR  
OTHER ASSIGNEE

WHEREAS, MITSUBISHI CHEMICAL CORPORATION

(hereinafter referred to as "ASSIGNEE") having a place of business at: 14-1, Shiba 4-chome, Minato-ku, Tokyo 108-0014 Japan is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefor in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: <u>October 24, 2011</u>	<u><i>Yoshihito Sato</i></u> (Signature of Inventor) Yoshihito SATO
Date: <u>October 24, 2011</u>	<u><i>Nobuhiro Arai</i></u> (Signature of Inventor) Nobuhiro ARAI
Date: <u>October 24, 2011</u>	<u><i>Jun Matsui</i></u> (Signature of Inventor) Jun MATSUI
Date: <u>October 24, 2011</u>	<u><i>Shingetsu Yamada</i></u> (Signature of Inventor) Shingetsu YAMADA
Date: <u>October 24, 2011</u>	<u><i>Shuuji Suzuki</i></u> (Signature of Inventor) Shuuji SUZUKI

**OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.**  
ATTORNEYS AT LAW  
1940 DUKE STREET  
ALEXANDRIA, VIRGINIA 22314