

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT | | | | | | | | | | | | | | | | | | | | |
|--|---------------------------------|---------------|---------------------------------|------------------------|--------------------------------|----------------|------------|-----------------------|------------|---------------------|------------|--------------|------------|------------------|------------|-------------------|------------|-------------------|------------|--------------|------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT | | | | | | | | | | | | | | | | | | | | |
| CONVEYING PARTY DATA | | | | | | | | | | | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr><td>Masayoshi YABE</td><td>07/02/2007</td></tr> <tr><td>Tomoyuki OGATA</td><td>07/02/2007</td></tr> <tr><td>Hideki SATO</td><td>07/02/2007</td></tr> <tr><td>Koichiro IIDA</td><td>07/02/2007</td></tr> <tr><td>Asato TANAKA</td><td>07/02/2007</td></tr> <tr><td>Mitsuru TANAMURA</td><td>07/02/2007</td></tr> <tr><td>Yuichiro KAWAMURA</td><td>06/04/2007</td></tr> <tr><td>Hironori ISHIKAWA</td><td>07/02/2007</td></tr> <tr><td>Kazuki OKABE</td><td>07/02/2007</td></tr> </tbody> </table> | | Name | Execution Date | Masayoshi YABE | 07/02/2007 | Tomoyuki OGATA | 07/02/2007 | Hideki SATO | 07/02/2007 | Koichiro IIDA | 07/02/2007 | Asato TANAKA | 07/02/2007 | Mitsuru TANAMURA | 07/02/2007 | Yuichiro KAWAMURA | 06/04/2007 | Hironori ISHIKAWA | 07/02/2007 | Kazuki OKABE | 07/02/2007 |
| Name | Execution Date | | | | | | | | | | | | | | | | | | | | |
| Masayoshi YABE | 07/02/2007 | | | | | | | | | | | | | | | | | | | | |
| Tomoyuki OGATA | 07/02/2007 | | | | | | | | | | | | | | | | | | | | |
| Hideki SATO | 07/02/2007 | | | | | | | | | | | | | | | | | | | | |
| Koichiro IIDA | 07/02/2007 | | | | | | | | | | | | | | | | | | | | |
| Asato TANAKA | 07/02/2007 | | | | | | | | | | | | | | | | | | | | |
| Mitsuru TANAMURA | 07/02/2007 | | | | | | | | | | | | | | | | | | | | |
| Yuichiro KAWAMURA | 06/04/2007 | | | | | | | | | | | | | | | | | | | | |
| Hironori ISHIKAWA | 07/02/2007 | | | | | | | | | | | | | | | | | | | | |
| Kazuki OKABE | 07/02/2007 | | | | | | | | | | | | | | | | | | | | |
| RECEIVING PARTY DATA | | | | | | | | | | | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 20%;">Name:</td><td>MITSUBISHI CHEMICAL CORPORATION</td></tr> <tr><td>Street Address:</td><td>14-1, Shiba 4-chome, Minato-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>108-0014</td></tr> </table> | | Name: | MITSUBISHI CHEMICAL CORPORATION | Street Address: | 14-1, Shiba 4-chome, Minato-ku | City: | Tokyo | State/Country: | JAPAN | Postal Code: | 108-0014 | | | | | | | | | | |
| Name: | MITSUBISHI CHEMICAL CORPORATION | | | | | | | | | | | | | | | | | | | | |
| Street Address: | 14-1, Shiba 4-chome, Minato-ku | | | | | | | | | | | | | | | | | | | | |
| City: | Tokyo | | | | | | | | | | | | | | | | | | | | |
| State/Country: | JAPAN | | | | | | | | | | | | | | | | | | | | |
| Postal Code: | 108-0014 | | | | | | | | | | | | | | | | | | | | |
| PROPERTY NUMBERS Total: 1 | | | | | | | | | | | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11816672</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 11816672 | | | | | | | | | | | | | | | | |
| Property Type | Number | | | | | | | | | | | | | | | | | | | | |
| Application Number: | 11816672 | | | | | | | | | | | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | | | | | | | | | | | |
| <p>Fax Number: (703)413-2220 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: (703) 413-3000</p> <p>Email: tpaes@oblon.com</p> <p>Correspondent Name: Oblon, Spivak, et al.</p> <p>Address Line 1: 1940 Duke Street</p> <p>Address Line 4: Alexandria, VIRGINIA 22314</p> | | | | | | | | | | | | | | | | | | | | | |

OP \$40.00 11816672

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PATENT
REEL: 019717 FRAME: 0617

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| ATTORNEY DOCKET NUMBER: | 312929US0PCT |
| NAME OF SUBMITTER: | Tracia E. Paes |
| Total Attachments: 4 source=312929USAssignment#page1.tif source=312929USAssignment#page2.tif source=312929USAssignment#page3.tif source=312929USAssignment#page4.tif | |

Assignment of Application

INSERT NAMES
AND RESIDENCE
ADDRESS OF
THE INVENTORS:

WHEREAS, I (WE) Masayoshi Yabe, Tomoyuki Ogata, Hideki Sato, Koichiro Iida, Asato Tanaka, Mitsuru Tanamura
Yuichiro Kawamura, Hironori Ishikawa and Kazuki Okabe of c/o Mitsubishi Chemical Group
Science and Technology Research Center, Inc., 1000, Kamoshida-cho, Aoba-ku, Yokohama-shi,
Kanagawa, Japan, c/o Mitsubishi Chemical Group Science and Technology Research Center, Inc.,
1000, Kamoshida-cho, Aoba-ku, Yokohama-shi, Kanagawa, Japan, c/o Mitsubishi Chemical
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Yokohama-shi, Kanagawa, Japan, c/o Mitsubishi Chemical Group Science and Technology
Research Center, Inc., 1000, Kamoshida-cho, Aoba-ku, Yokohama-shi, Kanagawa, Japan, c/o
Mitsubishi Chemical Group Science and Technology Research Center, Inc., 1000, Kamoshida-cho,
Aoba-ku, Yokohama-shi, Kanagawa, Japan, c/o Mitsubishi Chemical Group Science and
Technology Research Center, Inc., 1000, Kamoshida-cho, Aoba-ku, Yokohama-shi, Kanagawa,
Japan, 1723-1, Goi, Ichihara-shi, Chiba, Japan
, c/o Mitsubishi Chemical Group Science and Technology Research Center, Inc.,
1000, Kamoshida-cho, Aoba-ku, Yokohama-shi, Kanagawa, Japan and c/o Mitsubishi Chemical
Group Science and Technology Research Center, Inc., 1000, Kamoshida-cho, Aoba-ku,
Yokohama-shi, Kanagawa, Japan

, respectively,

INSERT TITLE OF
INVENTION:

have invented certain new and useful improvements in: ORGANIC ELECTROLUMINESCENT DEVICE AND
MANUFACTURE THEREOF

(Application No. _____, filed _____), and

INSERT NAME
AND ADDRESS OF
COMPANY OR
OTHER ASSIGNEE

WHEREAS, Mitsubishi Chemical Corporation of 14-1, Shiba 4-chome, Minato-ku, Tokyo 108-0014 Japan
 (hereinafter referred to as "ASSIGNEE") having a place of business at: Tokyo, 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 therefore 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>July, 2, 2007</u> | <u>Masayoshi Yabe</u> (Signature of Inventor) Masayoshi Yabe |
| Date: <u>July 2, 2007</u> | <u>Tomoyuki Ogata</u> (Signature of Inventor) Tomoyuki Ogata |
| Date: <u>July, 2, 2007</u> | <u>Hideki Sato</u> (Signature of Inventor) Hideki Sato |
| Date: <u>July 2, 2007</u> | <u>Koichiro Iida</u> (Signature of Inventor) Koichiro Iida |
| Date: <u>July 2, 2007</u> | <u>Asato Tanaka</u> (Signature of Inventor) Asato Tanaka |
| Date: <u>July 2, 2007</u> | <u>Mitsuru Tanamura</u> (Signature of Inventor) Mitsuru Tanamura |
| Date: _____ | _____ (Signature of Inventor) Yuichiro Kawamura |
| Date: <u>July 2, 2007</u> | <u>Hironori Ishikawa</u> (Signature of Inventor) Hironori Ishikawa |
| Date: <u>July 2, 2007</u> | <u>Kazuki Okabe</u> (Signature of Inventor) Kazuki Okabe |

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

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| Date: _____ | (Signature of Inventor) _____ Koichiro Iida |
| Date: _____ | (Signature of Inventor) _____ Asato Tanaka |
| Date: _____ | (Signature of Inventor) _____ Mitsuru Tanamura |
| Date: <u>June 4, 2007</u> | <u>Yuichiro Kawamura</u> (Signature of Inventor) Yuichiro Kawamura |
| Date: _____ | (Signature of Inventor) _____ Hironori Ishikawa |
| Date: _____ | (Signature of Inventor) _____ Kazuki Okabe |

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