

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>NOBUHIRO YABUNOUCHI</td> <td>05/16/2011</td> </tr> <tr> <td>MASAHIRO KAWAMURA</td> <td>05/16/2011</td> </tr> <tr> <td>TOMOKI KATO</td> <td>05/16/2011</td> </tr> </tbody> </table>		Name	Execution Date	NOBUHIRO YABUNOUCHI	05/16/2011	MASAHIRO KAWAMURA	05/16/2011	TOMOKI KATO	05/16/2011
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NOBUHIRO YABUNOUCHI	05/16/2011								
MASAHIRO KAWAMURA	05/16/2011								
TOMOKI KATO	05/16/2011								
RECEIVING PARTY DATA									
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State/Country:	JAPAN								
Postal Code:	1008321								
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>12998732</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12998732				
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Application Number:	12998732								
CORRESPONDENCE DATA									
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ATTORNEY DOCKET NUMBER:	OHTANI-0015								
NAME OF SUBMITTER:	JOHN A. SOPP								
Signature:	/John A. Sopp/								
Date:	10/10/2013								
Total Attachments: 1 source=Assignment#page1.tif									

OP \$40.00 12998732

ASSIGNMENT

ATTY. DOCKET NO. OHTANI-0015

WHEREAS the below named inventor (if only one inventor is named below) or inventors (if plural inventors are named below) hereinafter referred to as the ASSIGNOR invented a certain improvement(s) relating to

AROMATIC AMINE DERIVATIVE, AND ORGANIC ELECTROLUMINESCENT ELEMENT

and for which one or more of the following apply:

- U.S. Provisional Application Serial No. was filed in the United States Patent and Trademark Office on.
- A U.S. Non-Provisional
- application for Letters Patent to be filed in the United States Patent and Trademark Office was executed on even date.
- Application Serial No. for Letters Patent was filed in the U.S. Patent and Trademark Office on
- as International Application No. PCT/JP2009/069808 was filed on 11/24/2009, designating the United States.

AND WHEREAS

IDEMITSU KOSAN CO., LTD.
1-1, Marunouchi 3-chome,
Chiyoda-ku
Tokyo 1008321
JAPAN

hereinafter referred to as the ASSIGNEE, is desirous of acquiring the entire right, title, and interest in and to said invention and all application(s) listed above, including any and all earlier priority rights (U.S. and foreign), divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, reexaminations and extensions thereof.

NOW, WITNESSETH that for good and valuable consideration, the receipt whereof is hereby acknowledged, ASSIGNOR hereby assigns, sells, and transfers to ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application(s), including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions thereof, and in and to any and all U.S. (including provisional) or foreign priority and/or convention rights or benefits accruing or to accrue with respect to the filing or securing of patents in the United States and/or any countries foreign thereto concerning said invention, SAID ASSIGNEE, its assigns and legal representatives to have, hold, exercise, and enjoy said invention and application, including any and all earlier priority rights (U.S. and foreign), divisions and continuations thereof, any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions thereof, including the right to sue for damages occurring before the assignment, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, reexaminations and extensions thereof, for the use and benefit of ASSIGNEE and its assigns and legal representatives, in as ample and beneficial a manner to all intents and purposes as the ASSIGNOR might or could have held and enjoyed the same, if the assignment had not been made.

AND ASSIGNOR hereby agrees to execute all papers that may be necessary to file applications in the United States and foreign countries for said invention and to assign the same to said ASSIGNEE, its assigns and legal representatives and to execute any other papers that may be needed in connection with filing said applications and securing Letters Patents thereon.

AND ASSIGNOR authorizes and requests the Commissioner of Patents and Trademarks to issue a Letters Patent on said application, and on any and all divisions and continuations thereof, to ASSIGNEE, its assigns and legal representatives, in accordance herewith.

The undersigned hereby grant(s) the law firm of Millen, White, Zelano & Branigan, P.C. the power to insert on this assignment information which may be necessary or desirable in order for the United States Patent and Trademark Office to properly record this document.

IN TESTIMONY WHEREOF this assignment is executed by ASSIGNOR

201 FULL NAME OF SOLE OR FIRST NAMED INVENTOR	INVENTOR'S SIGNATURE	DATE
Nobuhiro YABUNOUCHI	<i>Nobuhiro Yabunouchi</i>	MAY 16, 2011
202 FULL NAME OF SOLE OR FIRST NAMED INVENTOR	INVENTOR'S SIGNATURE	DATE
Masahiro KAWAMURA	<i>Masahiro Kawamura</i>	MAY 16, 2011
203 FULL NAME OF SOLE OR FIRST NAMED INVENTOR	INVENTOR'S SIGNATURE	DATE
Tomoki KATO	<i>Tomoki Kato</i>	MAY 16, 2011

PATENT

RECORDED: 10/10/2013

REEL: 031383 FRAME: 0050