

PATENT ASSIGNMENT

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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>Yoriyuki TAKASHIMA</td><td>10/15/2007</td></tr><tr><td>Masakazu FUNAHASHI</td><td>10/15/2007</td></tr><tr><td>Kiyoshi IKEDA</td><td>10/15/2007</td></tr><tr><td>Tetsuya INOUE</td><td>10/15/2007</td></tr><tr><td>Chishio HOSOKAWA</td><td>10/15/2007</td></tr><tr><td>Yumiko MIZUKI</td><td>10/15/2007</td></tr></tbody></table>		Name	Execution Date	Yoriyuki TAKASHIMA	10/15/2007	Masakazu FUNAHASHI	10/15/2007	Kiyoshi IKEDA	10/15/2007	Tetsuya INOUE	10/15/2007	Chishio HOSOKAWA	10/15/2007	Yumiko MIZUKI	10/15/2007
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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-chome</td></tr><tr><td>City:</td><td>Chiyoda-ku, Tokyo</td></tr><tr><td>State/Country:</td><td>JAPAN</td></tr></table>		Name:	IDEMITSU KOSAN CO., LTD.	Street Address:	1-1, Marunouchi 3-chome	City:	Chiyoda-ku, Tokyo	State/Country:	JAPAN						
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PROPERTY NUMBERS Total: 1															
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Application Number:	11932100														
CORRESPONDENCE DATA															
Fax Number: (703)413-2220 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
Phone: (703) 413-3000															
Email: ejerman@oblon.com															
Correspondent Name: Oblon, Spivak, et al.															
Address Line 1: 1940 Duke Street															
Address Line 4: Alexandria, VIRGINIA 22314															
ATTORNEY DOCKET NUMBER:	317726US0														
NAME OF SUBMITTER:	Elizabeth Jerman														

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PATENT
REEL: 020047 FRAME: 0471

Total Attachments: 2

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PATENT

REEL: 020047 FRAME: 0472

Assignment of Application

INSERT NAMES
AND RESIDENCE
ADDRESSES OF
THE INVENTORS

WHEREAS, I (WE) (1)Yoriyuki TAKASHIMA

(2)Masakazu FUNAHASHI

(3)Kiyoshi IKEDA

(4)Tetsuya INOUE

(5)Chishio HOSOKAWA

(6)Yumiko MIZUKI

all of 1280, Kamiizumi, Sodegaura-shi, Chiba, Japan

, respectively,

INSERT TITLE OF
INVENTION

have invented certain new and useful improvements in: FLUORANTHENE COMPOUND, ORGANIC
ELECTROLUMINESCENCE DEVICE USING THE SAME, AND SOLUTION CONTAINING ORGANIC
ELECTROLUMINESCENCE MATERIAL

(Application No. _____, filed _____), and

INSERT NAME
AND ADDRESS OF
COMPANY OR
OTHER ASSIGNEE

WHEREAS, IDEMITSU KOSAN CO., LTD.

(hereinafter referred to as "ASSIGNEE") having a place of business at: 1-1, Marunouchi 3-chome, Chiyoda-ku, 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.

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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>OCT. 15.2007</u>	<u><i>Yoriyuki Takashima</i></u> (Signature of Inventor) Yoriyuki TAKASHIMA
Date: <u>OCT. 15.2007</u>	<u><i>Masakazu Funahashi</i></u> (Signature of Inventor) Masakazu FUNAHASHI
Date: <u>OCT. 15.2007</u>	<u><i>Kiyoshi Ikeda</i></u> (Signature of Inventor) Kiyoshi IKEDA
Date: <u>OCT. 15.2007</u>	<u><i>Tetsuya Inoue</i></u> (Signature of Inventor) Tetsuya INOUE
Date: <u>OCT. 15.2007</u>	<u><i>Chishio Hosokawa</i></u> (Signature of Inventor) Chishio HOSOKAWA
Date: <u>OCT. 15.2007</u>	<u><i>Yumiko Mizuki</i></u> (Signature of Inventor) Yumiko MIZUKI

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

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