PATENT ASSIGNMENT

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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------------|----------------|
| Chishio Hosokawa | 11/29/2009 |
| Hironobu Morishita | 11/29/2009 |
| Tadahiko Yoshinaga | 11/10/2009 |
| Yasunori Kijima | 11/10/2009 |

RECEIVING PARTY DATA

| Name: | IDEMITSU KOSAN CO., LTD. |
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| Street Address: | 1-1, Marunouchi 3-chome, Chiyoda-ku |
| City: | Tokyo |
| State/Country: | JAPAN |
| Postal Code: | 100-8321 |

| Name: | SONY CORPORATION |
|-----------------|-------------------------|
| Street Address: | 1-7-1, Konan, Minato-ku |
| City: | Tokyo |
| State/Country: | JAPAN |
| Postal Code: | 108-0075 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 12601808 |

CORRESPONDENCE DATA

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PATENT

REEL: 023664 FRAME: 0266

OP \$40.00 12601808

| ATTORNEY DOCKET NUMBER: | 21781/0213246-US0 | |
|--|---------------------|--|
| NAME OF SUBMITTER: | Mitsuhiro Haraguchi | |
| Total Attachments: 3 source=ASSIGNMENT#page1.tif source=ASSIGNMENT#page2.tif source=ASSIGNMENT#page3.tif | | |

PATENT REEL: 023664 FRAME: 0267

ASSIGNMENT

- I, Chishio HOSOKAWA, a citizen of Japan residing at 1280, Kamiizumi, Sodegaura-shi, Chiba 299-0293 Japan;
- I, Hironobu MORISHITA, a citizen of Japan residing at 1280, Kamiizumi, Sodegaura-shi, Chiba 299-0293 Japan;
- I, Tadahiko YOSHINAGA, a citizen of Japan residing at c/o SONY CORPORATION, 1-7-1, Konan, Minato-ku, Tokyo 108-0075 Japan; and
- I, Yasunori KIJIMA, a citizen of Japan residing at c/o SONY CORPORATION, 1-7-1, Konan, Minato-ku, Tokyo 108-0075 Japan;

and each of us, if more than one person is identified above (hereinafter "ASSIGNOR") in consideration of the sum of Ten Dollars (\$10.00), or the equivalent thereof, and other good and valuable consideration, the sufficiency of which and receipt of which are hereby acknowledged, paid to ASSIGNOR by

IDEMITSU KOSAN, CO., LTD.

a Corporation organized under the laws of Japan, located at 1-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8321 Japan (hereinafter "ASSIGNEE"); and

SONY CORPORATION

a Corporation organized under the laws of Japan, located at 1-7-1, Konan, Minato-ku, Tokyo 108-0075 Japan (hereinafter "ASSIGNEE"); do hereby sell and assign to said ASSIGNEES, their successors and assigns, the below indicated right, title, and interest, in and for the United States of America only in and to my Invention entitled:

MATERIAL FOR ORGANIC ELECTROLUMINESCENT DEVICE, ORGANIC ELECTROLUMINESCENT DEVICE, AND ORGANIC ELECTROLUMINESCENT DISPLAY DEVICE

invented by me and described in PCT International Application No. PCT/JP2008/059303, filed May 21, 2008, claiming priority to Japanese Patent Application No. 2007-138870, filed May 25,

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2007; I hereby authorize and request my attorney, associated with Customer Number 07278, to insert on the designated lines below, the filing date and application number of said application when known;

| which was filed on | a |
|----------------------------------|---|
| United States Application Number | ; |

and all patents, divisions, reissues, continuations, continuations-in-part and any extensions thereof and rights of priority therein, including the right to sue for past infringement and any such recovery, said interest being my entire ownership interest in the same, to be held and enjoyed by said ASSIGNEES, their successors, assigns, or other legal representatives, to the full end of the term thereof, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made, including all rights of Assignor to recover for past infringement thereof;

And for the consideration aforesaid, I hereby covenant and agree to and with said ASSIGNEES, their successors and assigns, that whenever ASSIGNEES, their counsel or representative, or the counsel or representative of its successors or assigns, shall advise that an amendment to, or a division of, or any other proceeding or action in connection with an application concerning said Invention, including interference proceedings, is lawful and desirable, or that a reissue or continuation or extension of such application or patent issuing therefrom is lawful and desirable, I will sign all papers and drawings, take all rightful oaths and affidavits, and do all acts necessary or required to be done for the procurement of all lawful rights associated with the Invention, or for the reissue or continuation or extension of the same, will do all acts necessary or required to secure in said ASSIGNEES, their successors or assigns, the title to and full benefit of all rights hereby assigned, without charge to said ASSIGNEES or their successors or assigns, but at its or their expense; and I hereby appoint every present or future officer of said ASSIGNEES as my agent to sign all such papers and to do all such necessary acts on my behalf, to the fullest extent permitted by law;

And I hereby authorize and request the Commissioner of Patents and Trademarks and any other granting authority to issue any Letters Patent resulting from said Invention and application(s) concerning same to said ASSIGNEES.

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This assignment shall have an effective date corresponding to the last date of execution.

I declare under penalty of perjury under the laws of the United States of America, and under penalty of the laws of any other jurisdiction before which this document may be presented, that I have signed this document as my own free act and that all of the foregoing is true and correct.

Nov. 29, 2009 Dated:

Dated: November 10, 2009

Dated: November 10, 2009

Chishio HOSOKAWA, inventor

Hironobu MORISHITA, inventor