

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

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|-----------------------|----------------|
| SUBMISSION TYPE:      | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT     |

**CONVEYING PARTY DATA**

| Name             | Execution Date |
|------------------|----------------|
| Jun Sasaki       | 01/28/2010     |
| Yasuyuki Kudo    | 01/28/2010     |
| Makoto Aoki      | 02/01/2010     |
| Yoshihide Nagata | 02/03/2010     |
| Mariko Fukuda    | 02/27/2010     |
| Masahiro Ochiai  | 02/05/2010     |

**RECEIVING PARTY DATA**

|                 |                  |
|-----------------|------------------|
| Name:           | Sony Corporation |
| Street Address: | 1-7-1 Konan      |
| City:           | Minato-ku, Tokyo |
| State/Country:  | JAPAN            |

**PROPERTY NUMBERS Total: 1**

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 12594900 |

**CORRESPONDENCE DATA**

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|                         |                 |
|-------------------------|-----------------|
| ATTORNEY DOCKET NUMBER: | 3712174-01532   |
| NAME OF SUBMITTER:      | Thomas C. Basso |

Total Attachments: 7  
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**PATENT  
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## ASSIGNMENT

WHEREAS, the undersigned, to wit: Jun Sasaki, Yasuyuki Kudo, Makoto Aoki, Yoshihide Nagata, Mariko Fukuda, and Masahiro Ochiai (hereinafter "ASSIGNORS"), are the lawful owners of an invention entitled: LIGHT GUID PLATE, SURFACE EMITTING APPARATUS, LIQUID CRYSTAL DISPLAY APPARATUS, AND METHOD OF PRODUCING A LIGHT GUIDE PLATE for which a patent application of the United States was filed on December 6, 2009 in the United States Patent and Trademark Office having Application Serial No. 12/594,900;

AND WHEREAS, Sony Corporation (hereinafter "ASSIGNEE"), a corporation duly organized and existing under the laws of Japan and having its principal office and place of business at 1-7-1 Konan, Minato-ku, Tokyo, Japan, desires to acquire the entire right, title, and interest therein;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, said ASSIGNORS do hereby sell, assign, and transfer, and hereby set over unto ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right, title and interest to said invention in the United States of America and all foreign countries, including, without limitation, said invention as described in the aforesaid application, to be held and enjoyed by said ASSIGNEE, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by said ASSIGNORS had this assignment and sale not been made, including, without limitation, all rights to the aforesaid application and to any United States Letters Patent therefor, when issued together with all improvements thereon and betterments thereof, all related applications including, but not limited to, divisions, continuations, continuations-in-part, reissues and reexaminations thereof and substitutions of or for said application, and all foreign rights including the right to make application for Letters Patent for said inventions in any and all foreign countries and the right to claim priority as to the filing date under the International Convention on the basis for the aforesaid application for United States Letters Patent; and ASSIGNORS hereby authorize and request the Commissioner of Patents to issue all Letters Patent issuing therefrom to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives.

ASSIGNORS hereby agree to execute any papers, provide any information and testify in any interference or litigation at the request of ASSIGNEE, its successors, assigns and legal representatives, when deemed essential to ASSIGNEE's, its successors', assigns' and legal representatives' full enjoyment, protection, enforcement and title in and to such invention and rights hereby transferred.

ASSIGNORS furthermore agree upon request of said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, to execute any and all papers desired by said ASSIGNEE, its successors, assigns and legal representatives, for the filing and granting of foreign applications and the perfecting of title thereto in said ASSIGNEE, its successors, assigns and legal representatives.

Signature

Jun Sasaki

Name: Jun Sasaki

Address: c/o Sony Corporation

1-7-1 Konan, Minato-ku

Tokyo, Japan

Date Signed

January 28, 2010

Before me personally appeared the person whose name is subscribed to the foregoing instrument, and executed the foregoing instrument in my presence for the purpose contained therein, by signing his/her name hereto.

Signature

Miki Shumaha

Date Signed

February 19, 2010

Signature

Date Signed

Yasuyuki Kudo  
Name: Yasuyuki Kudo

January 28, 2010

Address: c/o Sony Corporation  
1-7-1 Konan, Minato-ku  
Tokyo, Japan

Before me personally appeared the person whose name is subscribed to the foregoing instrument, and executed the foregoing instrument in my presence for the purpose contained therein, by signing his/her name hereto.

Signature

Date Signed

Miko Shimaoka

February 19, 2010

Signature

Makoto Aoki

Name: Makoto Aoki

Address: c/o Sony Corporation

1-7-1 Konan, Minato-ku

Tokyo, Japan

Date Signed

February 1, 2010

Before me personally appeared the person whose name is subscribed to the foregoing instrument, and executed the foregoing instrument in my presence for the purpose contained therein, by signing his/her name hereto.

Signature

Miho Shumako

Date Signed

February 19, 2010

Signature

Yoshihide Nagata

Name: Yoshihide Nagata

Address: c/o Sony Corporation

1-7-1 Konan, Minato-ku

Tokyo, Japan

Date Signed

February 3, 2010

Before me personally appeared the person whose name is subscribed to the foregoing instrument, and executed the foregoing instrument in my presence for the purpose contained therein, by signing his/her name hereto.

Signature

Milko Shumakov

Date Signed

February 19, 2010

Signature

Mariko Fukuda

Name: Mariko Fukuda

Address: c/o Sony Corporation

1-7-1 Konan, Minato-ku

Tokyo, Japan

Date Signed

February 27, 2010

Before me personally appeared the person whose name is subscribed to the foregoing instrument, and executed the foregoing instrument in my presence for the purpose contained therein, by signing his/her name hereto.

Signature

Milw Shunooka

Date Signed

March 2, 2010 m.g.

February 19, 2010

March 2, 2010

Signature

Date Signed

Masahiro Ochiai

Feb. 5, 2010

Name: Masahiro Ochiai

Address: c/o Sony Corporation  
1-7-1 Konan, Minato-ku  
Tokyo, Japan

Before me personally appeared the person whose name is subscribed to the foregoing instrument, and executed the foregoing instrument in my presence for the purpose contained therein, by signing his/her name hereto.

Signature

Date Signed

Miki Shimaoka

February 19, 2010