

PATENT ASSIGNMENT

Electronic Version v1.1

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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>Mitsuo Arima</td><td>10/18/2006</td></tr><tr><td>Jun Shimizu</td><td>10/19/2006</td></tr><tr><td>Hirokazu Odagiri</td><td>10/17/2006</td></tr><tr><td>Eiji Ohta</td><td>10/17/2006</td></tr><tr><td>Kei Obata</td><td>10/17/2006</td></tr></tbody></table>	Name	Execution Date	Mitsuo Arima	10/18/2006	Jun Shimizu	10/19/2006	Hirokazu Odagiri	10/17/2006	Eiji Ohta	10/17/2006	Kei Obata	10/17/2006	
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RECEIVING PARTY DATA													
Name:	Sony Corporation												
Street Address:	7-35 Kitashinagawa 6-chome, Shinagawa-ku												
City:	Tokyo												
State/Country:	JAPAN												
PROPERTY NUMBERS Total: 1													
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CORRESPONDENCE DATA													
Fax Number:	(312)827-8185												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
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ATTORNEY DOCKET NUMBER:	112857-711												
NAME OF SUBMITTER:	Thomas C. Basso												
Total Attachments: 6 source=112857-711ass#page1.tif source=112857-711ass#page2.tif													

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ASSIGNMENT

WHEREAS, the undersigned, to wit: Mitsuo Arima, Jun Shimizu, Hirokazu Odagiri, Eiji Ohta, and Kei Obata (hereinafter "ASSIGNORS"), are the lawful owners of an invention entitled: OPTICAL SHEET, BACKLIGHT AND LIQUID CRYSTAL DISPLAY APPARATUS, on which a patent application of the United States is executed of even date herewith and is about to be filed in the United States Patent and Trademark Office;

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 7-35, Kitashinagawa 6-chome, Shinagawa-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

Mitsuo Arima

Name: Mitsuo Arima

Address: c/o Sony Corporation
7-35, Kitashinagawa 6-chome
Shinagawa-ku, Tokyo, Japan

Date Signed

October 13, 2006

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

Miko Shimooka

Date Signed

October 20, 2006

Signature

Jun Shimizu
Name: Jun Shimizu

Date Signed

Oct. 19, 2006

Address: c/o Sony Corporation
7-35, Kitashinagawa 6-chome
Shinagawa-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

Miko Shimooka

Date Signed

October 20, 2006

Signature

Hirokazu Odagiri
Name: Hirokazu Odagiri

Date Signed

October 17, 2006

Address: c/o Sony Corporation
7-35, Kitashinagawa 6-chome
Shinagawa-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

Miko Shimooka

Date Signed

October 20, 2006

Signature

Date Signed

Eiji Ohta
Name: Eiji Ohta

October 17, 2006

Address: c/o Sony Corporation
7-35, Kitashinagawa 6-chome
Shinagawa-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

Mika Shimooka

10/20/2006 m.s. October 20, 2006

Signature

Kei Obata

Name: Kei Obata

Address: c/o Sony Corporation

7-35, Kitashinagawa 6-chome

Shinagawa-ku, Tokyo, Japan

Date Signed

October 17, 2006

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

Miko Shimada

Date Signed

October 20, 2006