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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Katsuhiro Tomoda	06/25/2007
Shiyuki Kanisawa	06/21/2007
Hidetsugu Namiki	06/21/2007

RECEIVING PARTY DATA

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

Name:	Sony Chemical & Information Device Corporation	
Street Address:	1-11-2, Osaki, Shinagawa-ku	
City:	Tokyo	
State/Country:	JAPAN	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11778736

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	113380-007
NAME OF SUBMITTER:	Thomas C. Basso

500362805 REEL: 019886 FRAME: 0177

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PATENT

Total Attachments: 5

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PATENT REEL: 019886 FRAME: 0178

ASSIGNMENT

WHEREAS, the undersigned, to wit: <u>Katsuhiro Tomoda, Shiyuki Kanisawa</u> and <u>Hidetsugu Namiki</u> (hereinafter "ASSIGNORS"), are the lawful owners of an invention entitled: <u>DEVICE, METHOD OF MANUFACTURING DEVICE, BOARD, METHOD OF MANUFACTURING BOARD, MOUNTING STRUCTURE, MOUNTING METHOD, LED DISPLAY, LED BACKLIGHT AND ELECTRONIC DEVICE, for which a patent application of the United States will be filed in the United States Patent and Trademark Office or was filed on <u>July 17,32007</u> in the United States Patent and Trademark Office having Application Serial No. 11/778,736;</u>

AND WHEREAS, <u>Sony Corporation</u>, a corporation duly organized and existing under the laws of <u>Japan</u> and having its principal office and place of business at <u>1-7-1 Konan</u>, <u>Minatoku</u>, <u>Tokyo</u>, <u>108-0075 Japan</u>, and <u>Sony Chemical & Information Device Corporation</u>, a corporation duly organized and existing under the laws of <u>Japan</u> and having its principal office and place of business at <u>1-11-2</u>, <u>Osaki</u>, <u>Shinagawa-ku</u>, <u>Tokyo</u>, <u>Japan</u> (hereinafter "ASSIGNEES") 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 ASSIGNEES, 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 ASSIGNEES, 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 ASSIGNEES, for its interest as ASSIGNEES, 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 ASSIGNEES, its successors, assigns and legal representatives, when deemed essential to ASSIGNEES', 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 ASSIGNEES, its successors, assigns and legal representatives, and without further remuneration, to execute any and all papers desired by said ASSIGNEES, its successors, assigns and legal representatives, for the filing and

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granting of foreign applications and the perfecting of title thereto in said ASSIGNEES, its successors, assigns and legal representatives.

It is hereby authorized that the attorney of record in the above-referenced patent application insert the serial number and filing date of the patent application, if applicable, in the spaces identified above.

Signature

Date Signed

Jun 25, 2001

iyamo. <u>ixa</u>

Name: Katsuhiro Tomoda

Address:

c/o Sony Corporation

Kayoko Tujio

Gartuler Joneda.

1-7-1 Konan, Minato-ku Tokyo, 108-0075 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

<u>Ju</u>

Signature	Date Signed
Name: Shiyuki Kanisawa	2007.6.2
Address: c/o Sony Chemical & Informati 1-11-2, Osaki, Shinagawa-ku Tokyo, Japan	ion Device Corporation -
	ne person whose name is subscribed to the foregoing instrument in my presence for the purpose contained
Signature	Date Signed
The De August and	Jun 21 2007

Signature	Date Signed	
Name: Hidetsugu Namiki	2007.6.2	
Address: c/o Sony Chemical & Information Device 1-11-2, Osaki, Shinagawa-ku Tokyo, Japan	ee Corporation	
Before me personally appeared the person instrument, and executed the foregoing instrument therein, by signing his/her name hereto.	whose name is subscribed to the foregoing it in my presence for the purpose contained	
Signature	Date Signed	
Tahashi Muranama	Jul 21 2007	