OMB No. 0651-0027 (exp. 6/30/2005)	U.S. DEPARTMENT OF COMMER Upited States Patent and Trademark Of		
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1. Name of conveying party(les)/Execution Date(s): MIKIO TAKENAKA (08/10/2007) AND SHIGEAKI MARUYAMA (08/21/2007)	2. Name and address of receiving party(les)		
Execution Date(s): in parentheses after Inventor name  Additional name(s) of conveying party(lea) attached?  Yes X No  3. Nature of Conveyance:  X Assignment	Name: SONY CORPORATION Internal Address: Street Address:  1-7-1 Konan, Minatc-ku Tokyo 108-0075 JAPAN City: State: Country: Zip: Additional name(s) & address(es) Yes X No attached: his document is being filed to sether with a new application. B. Patent No.(s)		
Additional numbers attached?  Name and address to whom correspondence	Yes X No		
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concerning document should be malled: lame: Dennis M. Smid, Esq. LERNER, DAVID, LITTENBERG,	6. Total number of applications and patents involved:  1  7. Total fee (37 CFR 1.21(h) \$ 3.41) \$ 40.00		
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Italian de la composition de l	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00  Authorized to be charged by credit card  X Authorized to be charged to deposit account Enclosed None required (gove nment interest not affecting title)  3. Payment Information a Credit Card Last 4 Numbers Expiration Date		
concerning document should be mailed:  Name: Dennis M. Smid, Esq. LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP  Internal Address: Atty. Dkt.:  Itreet Address: 600 South Avenue West  Itreet Address: NJ Zip: 07090  Internal Number: (908) 518-6374  Internal Address: dsmid@ldlkrn.com  Signature: MJ. M. M.	7. Total fee (37 CFR 1.21(h) 4 3.41) \$ 40.00  Authorized to be charged by credit card  X Authorized to be charged to deposit account Enclosed  None required (government interest not affecting title)  3. Payment Information  a Credit Card Last 4 Numbers Expiration Date  b. Deposit Account Number 12-1095 Authorized User Name Dennis M. Smid, Esq.		
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PATENT REEL: 021646 FRAME: 0574

S07P1182US00 SONYJP 3.0-1456

Docket	Number;	
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## ASSIGNMENT

WHEREAS, I, as a below named inventor, residing at the address stated next to my name, am a sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of certain new and useful improvements in

TOUCH PANEL DISPLAY, ELECTRONIC APPARATUS AND PLAYING APPARATUS

for which application for Letters Patent of the United States of America was executed by me on the date indicated next to my name and address;

AND WHEREAS, Sony Corporation, a Japanese corporation with offices at 1-7-1 Konan, Minato-Ku, Tokyo, Japan (hereinafter referenced as ASSIGNEE) is desirous of acquiring all interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United States and in any and all foreign countries;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficience of which are hereby acknowledged, I, as a sole or joint inventor as indicated below, be hereby assign, sell and transfer unto the said ASSIGNEE, its successors, assigns, and legal representatives, the entire right, title and interest in the said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue the said United States Letters Patent to said ASSIGNEE, as the assignee of the whole right, title and interest thereto;

And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEE or its designee, as ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me and without further remuneration, in order to perfect title in said invention, modifications and improvements in said invention, applications and Letters Patent of the United States and countries foreign thereto;

And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid invention, as the ASSIGNEE thereof shall hereafter require and prepare at its own expense;

And I further agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in fureign countries as may be known and accessible to me and will testify as to the same in any interference or litigation related thereto;

And I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

And I hereby authorize and request my attorney(s) of record in this application to insert the serial number and filing date of this application in the spaces that follow: Serial Number: 11/895,425. Filing Date: August 24, 2007

This assignment executed on the dates indicated below.

Mikio TAKENAKA

Name of first or sole inventor

Kanagawa, Japan

Residence of first or sole inventor

Signature of first or sole inventor

August 10,2007

Execution date of U.S. Patent Application

August 10, 2007

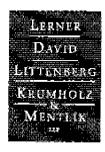
Date of this assignment

PATENT REEL: 021646 FRAME: 0575

S07P1182US00

Shigeaki MARUYAMA	
Name of second inventor	Execution date of U.S. Patent Application
Kanagawa, Japan	••
Residence of second inventor	
_ S. marwa	Aug 71 2007
Signature of second inventor	Aug. 21 2007  Date of this assignment
Name of third inventor	Execution date of U.S. Patent Application
Residence of third inventor	
Signature of third inventor	Date of this assignment
Name of fourth inventor	Execution date of U.S. Patent Application
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PATENT REEL: 021646 FRAME: 0576



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PALENIA, TRADEMARKS, COPYRIGHTS & UNFAIR COMPETITION

## **Facsimile Transmittal**

To: Fax Number From **USPTO Assignment Division** 571-273-0140 Phyllis Kelly 948-518-6456

Date October 7, 2008

No. Pages: 4

File Name.: SONYJP 3,0-1456 Client/Matter No: SONYJP/1946

Attorney/Secretary: DMS/Ib

## MESSAGE:

Please record the attached assignment and fax the Notice of Recordation to Phyllis Kelly at 908-654-7866.

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