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**PATENTS ONLY**

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

<b>1. Name of conveying party(ies):</b> Manabu Nishizawa (08/05/2010), Takashi Umeda (08/20/2010), and Takahiro Moriyama (08/20/2010) Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>2. Name and address of receiving party(ies)</b> Name: <u>Sony Computer Entertainment Inc.</u> Internal Address: _____ Street Address: _____ 2-6-21, Minami-Aoyama Minato-ku City: <u>Tokyo</u> State: _____ Country: <u>JAPAN</u> Zip: <u>107-0062</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>3. Nature of conveyance/Execution Date(s):</b> Execution Date(s) in parentheses after inventor name <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Change of Name <input type="checkbox"/> Security Agreement <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other _____	<b>4. Application or patent number(s):</b> <input type="checkbox"/> This document is being filed together with a new application. A. Patent Application No.(s) <u>29/347,846</u> B. Patent No.(s) _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>5. Name and address to whom correspondence concerning document should be mailed:</b> Name: <u>RADER, FISHMAN &amp; GRAUER PLLC</u> Internal Address: <u>Atty. Dkt.: NAK-0338</u> Street Address: <u>1233 20th Street, N.W.</u> <u>Suite 501</u> City: <u>Washington</u> State: <u>DC</u> Zip: <u>20036</u> Phone Number: <u>(202) 955-3750</u> Fax Number: <u>(202) 955-3751</u> Email Address: _____	<b>6. Total number of applications and patents involved:</b> <span style="border: 1px solid black; padding: 2px;">1</span> <b>7. Total fee (37 CFR 1.21(h) &amp; 3.41)</b> \$ <u>40.00</u> <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title)
<b>8. Payment Information</b> Deposit Account Number <u>18-0013</u> Authorized User Name <u>Sterling D. Fillmore</u>	
<b>9. Signature:</b> <div style="text-align: center;">         _____        Signature     </div> <div style="text-align: right;">       _____        Date  <u>September 23, 2010</u> </div> <div style="text-align: center; margin-top: 10px;"> <u>Sterling D. Fillmore - 63,796</u>        Name of Person Signing     </div> <div style="text-align: right; margin-top: 10px;">       Total number of pages including cover sheet, attachments, and documents: <span style="border: 1px solid black; padding: 2px;">3</span> </div>	

**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

**COMPUTER GENERATED IMAGE FOR DISPLAY PANEL OR SCREEN**

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 Computer Entertainment Inc.** a Japanese corporation with offices at **2-6-21, Minami-Aoyama, Minato-ku, Tokyo 107-0062, JAPAN**, (hereinafter referenced as ASSIGNEES) 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 Ten Dollar (\$10.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, as a sole or joint inventor as indicated below, by these presents do hereby assign, sell and transfer unto the said ASSIGNEES, 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 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 ASSIGNEES, 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 ASSIGNEES or its designee, as ASSIGNEES 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;

