

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

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>Jacob P. Stine</td> <td>12/06/2012</td> </tr> <tr> <td>Victor Octav Suba Miura</td> <td>12/07/2012</td> </tr> </tbody> </table>		Name	Execution Date	Jacob P. Stine	12/06/2012	Victor Octav Suba Miura	12/07/2012				
Name	Execution Date										
Jacob P. Stine	12/06/2012										
Victor Octav Suba Miura	12/07/2012										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Sony Computer Entertainment Inc.</td> </tr> <tr> <td>Street Address:</td> <td>1-7-1 Konan, Minato-ku</td> </tr> <tr> <td>City:</td> <td>Tokyo</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>108-0075</td> </tr> </table>		Name:	Sony Computer Entertainment Inc.	Street Address:	1-7-1 Konan, Minato-ku	City:	Tokyo	State/Country:	JAPAN	Postal Code:	108-0075
Name:	Sony Computer Entertainment Inc.										
Street Address:	1-7-1 Konan, Minato-ku										
City:	Tokyo										
State/Country:	JAPAN										
Postal Code:	108-0075										
PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13631812</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13631812						
Property Type	Number										
Application Number:	13631812										
CORRESPONDENCE DATA											
<p>Fax Number: 5106680239  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 510.668.0965        Email: josh@jdipatent.com        Correspondent Name: Joshua D. Isenberg        Address Line 1: 809 Corporate Way        Address Line 4: Fremont, CALIFORNIA 94539</p>											
ATTORNEY DOCKET NUMBER:	SCEA12012US00										
NAME OF SUBMITTER:	Joshua D. Isenberg										
<p>Total Attachments: 2        source=SCEA12012US00-VOSM-ASSGMT-JDI#page1.tif        source=SCEA12012US00-VOSM-ASSGMT-JDI#page2.tif</p>											

OP \$40.00 13631812

**ASSIGNMENT**

THIS ASSIGNMENT, by **JACOB P. STINE, VICTOR OCTAV SUBA MIURA**, (hereinafter referred to as the Assignors), residing at **LA HONDA, CALIFORNIA, FOSTER CITY, CALIFORNIA**, respectively witnesseth:

WHEREAS, said Assignors have invented certain new and useful improvements in

**“METHOD AND APPARATUS FOR IMPROVING EFFICIENCY WIHOUT INCREASING LATENCY IN EMULATION OF A LEGACY APPLICATION TITLE”**

which are described in an application for letters patent number **13/631,812**, filed **September 28, 2012**

WHEREAS,

**Sony Computer Entertainment Inc.**

(hereinafter referred to as the Assignee), a body having corporate powers under the laws of **JAPAN** and having its offices at **1-7-1 Konan, Minato-ku, Tokyo 108-0075 JAPAN**, is desirous of obtaining the entire right, title and interest in and to said inventions and said application for Letters Patent, and in and to any Letters Patent, United States or foreign, to be obtained therefor and thereon, and to any and all improvements which are disclosed in said application for Letters Patent

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged:

1. The Assignors have sold, assigned, transferred and set over, and do hereby sell, assign, transfer and set over unto said Assignee, the entire right, title and interest in, to and under said inventions; said application for Letters Patent; any Letters Patent which may be granted for said inventions in the United States of America and any foreign country; any division, continuation, or continuation-in-part of said application; any reissue or extension of said Letters Patent; and all rights under the International Convention for the Protection of Industrial Property; said right, title and interest to be held and enjoyed by said Assignee for its own use and behoove to the full end of the term for which Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by the Assignors, had this sale and assignment not been made.
2. Said Assignors hereby jointly and severally warrant and represent that, at the time of execution and delivery of these presents, said Assignors are the lawful owners of the entire right, title and interest in and to said inventions and said application for Letters Patent, and that the same has not entered into any assignment, contract or understanding in conflict herewith.
3. Said Assignors hereby covenant and agree to assist and cooperate with said Assignee, whereby said Assignee may enjoy to the fullest extent said right, title and interest herein conveyed, provided, however, that the entire expense which may be incurred by said Assignors in lending such assistance and cooperation be paid by Assignee. Such cooperation shall include: (a) prompt execution of all papers (prepared at the expense of Assignee) which are deemed necessary or desirable by Assignee to perfect said right, title and interest herein conveyed, (b) prompt execution of all petitions, oaths, specifications, declarations and other papers (prepared at the expense of Assignee) which are deemed necessary or desirable by Assignee for filing or prosecuting in the United States or any foreign country said application, any application which is a division, continuation, or continuation-in-part of said application, any reissue application for any Letters Patent granted on said application, or for any interference proceeding involving said application or Letters Patent granted thereon; and (c) prompt assistance and cooperation in the prosecution of all legal proceedings involving said inventions, said application, or Letters Patent granted thereon, including oppositions, cancellation proceedings, priority contests, public use proceedings and court actions.
4. The terms, covenants and conditions of this Assignment shall inure to the benefit of said Assignee, its successors, assigns and/or other legal representatives, and shall be binding upon said Assignors, their heirs, legal representatives and assigns.
5. Said Assignors hereby request the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States to said Assignee as the assignee of said inventions.

IN WITNESS WHEREOF said Assignors have executed and delivered this instrument on the date noted below.

				12/7/12
JACOB P. STINE	Date	VICTOR OCTAV SUBA MIURA	Date	

