PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
THOMAS M. MILLER IV	12/16/2008

RECEIVING PARTY DATA

Name:	SONY COMPUTER ENTERTAINMENT AMERICA LLC	
Street Address:	2207 BRIDGEPOINTE PKWY	
City:	SAN MATEO	
State/Country:	CALIFORNIA	
Postal Code:	94404	

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	13367089
Application Number:	13367222

CORRESPONDENCE DATA

Fax Number: (510)668-0239

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 510.668.0965

Email: stephen@jdipatent.com
Correspondent Name: JOSHUA D. ISENBERG
Address Line 1: 809 CORPORATE WAY

Address Line 4: FREMONT, CALIFORNIA 94539

ATTORNEY DOCKET NUMBER:	SCEA07026US01	
NAME OF SUBMITTER:	JOSHUA D. ISENBERG	
SIGNATURE:	/Joshua D. Isenberg, Reg. No. 41088/	
DATE SIGNED:	07/30/2014	

Total Attachments: 1

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PATENT 502913633 REEL: 033421 FRAME: 0167

Attorney Docket No: SCEA07026US01

ASSIGNMENT

THIS ASSIGNMENT, by THOMAS M. MILLER IV LOS ANGERS TM 12/16/08 (hereinafter referred to as the Assignor), residing at SANTA MONICA, CALIFORNIA, witnesseth: WHEREAS, said Assignor has invented certain new and useful improvements in

"GESTURE CATALOGING AND RECOGNITION"

which are described in United State Provisional Patent Application number 61/020,669, filed January 11, 2008 and for which are inventions described in an application for letters patent having the above title and Attorney Docket Number. Said Assignor hereby authorizes and requests their attorney, Joshua D. Isenberg, of 809 Corporate Way, Fremont, California, to insert here in parentheses (Application number 12/33+47+ filed 12/12/2008 the filing date and application number of said application when known.

SONY COMPUTER ENTERTAINMENT AMERICA INC.

(hereinafter referred to as the Assignee), a body having corporate powers under the laws of DELAWARE, and having office at 919 East Hillsdale Boulevard, 2nd Floor, Foster City, California 94404, 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 Assignor has 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, and continuation-inpart 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 Assignor, had this sale and assignment not been made.
- 2. Said Assignor hereby jointly and severally warrants and represents that, at the time of execution and delivery of these presents, said Assignor is 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 Assignor hereby covenants and agrees 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 Assignor 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 Assignor, his heirs, legal representatives and assigns.
- 5. Said Assignor hereby requests 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 Assignor has executed and delivered this instrument on the date noted below.

PHOMAS M/MULER IV

12/16/08 Date

> PATENT REEL: 033421 FRAME: 0168

RECORDED: 07/30/2014