

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
Parag Havaladar	11/22/2010
Josh Wills	11/22/2010
Demian Gordon	11/23/2010
Josh Ochoa	12/03/2010
Jianxia Xue	11/30/2010

**RECEIVING PARTY DATA**

Name:	SONY CORPORATION
Street Address:	1-7-1 Konan, Minato-ku
City:	Tokyo
State/Country:	JAPAN
Postal Code:	108-0075

Name:	SONY PICTURES ENTERTAINMENT INC.
Street Address:	10202 West Washington Boulevard
City:	Culver City
State/Country:	CALIFORNIA
Postal Code:	90232

**PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	12883074

**CORRESPONDENCE DATA**

Fax Number: (619)235-0398  
*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*  
 Phone: 6192381900  
 Email: docketing@procopio.com  
 Correspondent Name: PROCOPIO, CORY, HARGREAVES & SAVITCH LLP

CH \$40.00 12883074

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Address Line 2: SUITE 2200  
Address Line 4: SAN DIEGO, CALIFORNIA 92101

ATTORNEY DOCKET NUMBER:	113748-6045US
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NAME OF SUBMITTER:	Alicia R. Lewis
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<p>Total Attachments: 5 source=Assignment_6045US#page1.tif source=Assignment_6045US#page2.tif source=Assignment_6045US#page3.tif source=Assignment_6045US#page4.tif source=Assignment_6045US#page5.tif</p>
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**ASSIGNMENT**

WHEREAS, I, as a below named inventor, 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 COMBINING MULTI-SENSORY INPUTS FOR DIGITAL ANIMATION (Application Number: 12/883,074, Filing Date: September 15, 2010) for which application for Letters Patent of the United States of America was executed by me on the date indicated below my name;

AND WHEREAS, SONY CORPORATION, a Japanese corporation, with offices at 1-7-1 Konan, Minato-ku, Tokyo 108-0075, Japan; and SONY PICTURES ENTERTAINMENT INC., a Delaware corporation, with offices at 10202 West Washington Boulevard, Culver City, California 90232 (hereinafter referred to as ASSIGNEES) are 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 therefore in the United States and in any and all foreign countries;

NOW THEREFORE, for 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, their successors, assigns, and legal representatives, the entire right, title and interest in the said invention, said application, including the prior provisional application (U.S. Provisional Application No. 61/242,733, filed September 15, 2009) and 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 ASSIGNEES, as the assignees 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 their designee(s), as ASSIGNEES or their 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 ASSIGNEES thereof shall hereafter require and prepare at their own expense;

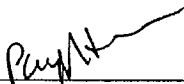
And I further agree that ASSIGNEES will, upon their request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will testify as to the same 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.

This assignment executed on the dates indicated below.

Parag Havaldar  
Name of first inventor

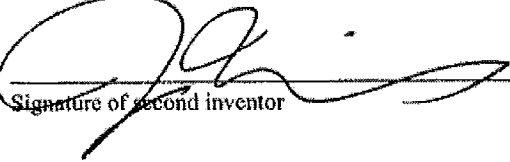
Cerritos, CA  
Residence of first inventor

  
Signature of first inventor

NOV 22, 2010  
Date of Assignment

Josh Wills  
Name of second inventor

Manhattan Beach, CA  
Residence of second inventor

  
Signature of second inventor

11/23/12  
Date of Assignment

Demian Gordon  
Name of third inventor

Culver City, CA  
Residence of third inventor

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Signature of third inventor

\_\_\_\_\_  
Date of Assignment

Josh Ochoa  
Name of fourth inventor

Hermosa Beach, CA  
Residence of fourth inventor

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Signature of fourth inventor

\_\_\_\_\_  
Date of Assignment

Jianxia Xue  
Name of fifth inventor

Oxford, MS  
Residence of fifth inventor

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Signature of fifth inventor

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Date of Assignment

Josh Wills

Name of second inventor

Manhattan Beach, CA

Residence of second inventor

Signature of second inventor

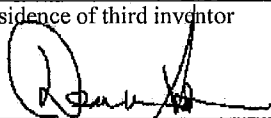
Date of Assignment

Demian Gordon

Name of third inventor

Culver City, CA

Residence of third inventor



Signature of third inventor

NOVEMBER 23rd/2010

Date of Assignment

Josh Ochoa

Name of fourth inventor

Hermosa Beach, CA

Residence of fourth inventor

Signature of fourth inventor

Date of Assignment

Jianxia Xue

Name of fifth inventor

Oxford, MS

Residence of fifth inventor

Signature of fifth inventor

Date of Assignment

Josh Wills  
Name of second inventor

Manhattan Beach, CA  
Residence of second inventor

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Signature of second inventor

\_\_\_\_\_  
Date of Assignment

Demian Gordon  
Name of third inventor

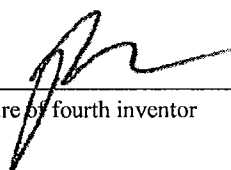
Culver City, CA  
Residence of third inventor

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Signature of third inventor

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Date of Assignment

Josh Ochoa  
Name of fourth inventor

Hermosa Beach, CA  
Residence of fourth inventor

  
Signature of fourth inventor

12.03.10  
Date of Assignment

Jianxia Xue  
Name of fifth inventor

Oxford, MS  
Residence of fifth inventor

\_\_\_\_\_  
Signature of fifth inventor

\_\_\_\_\_  
Date of Assignment

Josh Wills  
Name of second inventor

Manhattan Beach, CA  
Residence of second inventor

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Signature of second inventor

\_\_\_\_\_  
Date of Assignment

Demian Gordon  
Name of third inventor

Culver City, CA  
Residence of third inventor

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Signature of third inventor

\_\_\_\_\_  
Date of Assignment

Josh Ochoa  
Name of fourth inventor

Hermosa Beach, CA  
Residence of fourth inventor

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Signature of fourth inventor

\_\_\_\_\_  
Date of Assignment

Jianxia Xue  
Name of fifth inventor

Oxford, MS  
Residence of fifth inventor

*Jianxia Xue*  
Signature of fifth inventor

*Nov. 30, 2010*  
Date of Assignment