502791815 05/01/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2838410

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
	Corrective Assignment to correct the ASSIGNMENT DOCUMENT previously recorded on Reel 032462 Frame 0904. Assignor(s) hereby confirms the SERIAL NUMBER: 14/240830, FILING DATE: FEBRUARY 25, 2014.

CONVEYING PARTY DATA

Name	Execution Date
STEPHEN D. FLEISCHER	09/24/2012
GARY DURACK	09/20/2012
JEREMY HATCHER	09/24/2012
DAVID ROBERTS	09/24/2012
MICHAEL ZORDAN	09/24/2012

RECEIVING PARTY DATA

Name:	SONY CORPORATION
Street Address:	1-7-1 KONAN, MINATO-KU
City:	ТОКҮО
State/Country:	JAPAN
Postal Code:	108-0075
Name:	SONY CORPORATION OF AMERICA
Street Address:	550 MADISON AVENUE
City:	NEW YORK
State/Country:	NEW YORK
Postal Code:	10022-3211

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	14240830	

CORRESPONDENCE DATA	
Fax Number:	(617)646-8646
Correspondence will be sent US Mail.	to the e-mail address first; if that is unsuccessful, it will be sent via
Phone:	6176468000
Email:	patents_SonyAdmins@wolfgreenfield.com
Correspondent Name:	WOLF GREENFIELD & SACKS, P.C.
Address Line 1:	600 ATLANTIC AVENUE
Address Line 2:	RANDY J. PRITZKER
Address Line 4:	BOSTON, MASSACHUSETTS 02210 PATENT
502791815	REEL: 032806 FRAME: 0963

ATTORNEY DOCKET NUMBER:	S1687.70002US00	
NAME OF SUBMITTER:	VALERIE J. BOWDEN	
SIGNATURE:	/Valerie J. Bowden/	
DATE SIGNED:	05/01/2014	
Total Attachments: 5		
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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2773027

SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYAN	ICE:	ASSIGNMENT		
CONVEYING PARTY DATA				
		Name	Execution Date	
STEPHEN D. FLEISCHE	R		09/24/2012	
GARY DURACK		09/20/2012		
JEREMY HATCHER			09/24/2012	
DAVID ROBERTS		09/24/2012		
MICHAEL ZORDAN			09/24/2012	
L				
RECEIVING PARTY DA	TA			
Name:	SONY	CORPORATION		
Street Address:	1-7-1	KONAN, MINATO-KU		
City:	ΤΟΚΥΟ			
State/Country:	JAPAN			
Postal Code:	108-0075			
Name:	SONY	SONY CORPORATION OF AMERICA		
Street Address:	550 MADISON AVENUE			
City:	NEW YORK			
State/Country:	NEW YORK			
Postal Code:	10022-3211			
	L			
PROPERTY NUMBERS	Total: 1			
Property Type		Number		
Application Number:		14240830		
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CORRESPONDENCE D	ΑΤΑ			
Fax Number:	e cont t	(617)646-8646		
US Mail.	som u	o the e-mail address first; if that is uns	uccessiui, it will be sent via	
Phone:		6176468000		
Email:		patents_SonyAdmins@wolfgreenfield.co	m	
Correspondent Name:		WOLF GREENFIELD & SACKS, P.C.		
Address Line 1:		600 ATLANTIC AVENUE		
Address Line 2:		RANDY J. PRITZKER		
Address Line 4:		BOSTON, MASSACHUSETTS 02210		
ATTORNEY DOCKET NU	MBER:	S1687.70002US00		

S1687.70002US00

Docket No. 201104166.03

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: COMPENSATION OF MOTION-RELATED ERROR IN A STREAM OF MOVING MICRO-ENTITIES,

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 WHEREAS, Sony Corporation, a Japanese corporation with offices at 1-7-1 Konan, Minato-ku, Tokyo, 108-0075, Japan; and Sony Corporation of America, a New York Corporation with offices at 550 Madison Avenue, NY, NY, 10022-3211(hereinafter referenced as ASSIGNEE(S)) is desirous of securing 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, in return 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, its successors, assigns, and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the U.S. provisional patent application filed with the United States Patent and Trademark Office on August 25, 2011, under U.S. Serial No. 61/527340, and in the international PCT application filed with the United States Patent and Trademark Office as the Receiving Office on August 24, 2012, under Serial No. PCT/US2012/052204, and 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 any foreign countries, 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 or any foreign country 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 Letters Patent to said ASSIGNEES, as the assignees of the whole right, title and interest thereto;

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 foreign countries;

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;

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;

I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with or impact in any way this assignment and sale;

I further agree that this Assignment shall be deemed to have been made and executed in the State of Delaware and any dispute arising hereunder not governed by US federal law will be resolved in accordance with the laws of the State of Delaware without reference to its conflict of law principles. I hereby consent and submit to the jurisdiction of the federal and state courts located in the State of Delaware. Any action or suit under this Agreement or otherwise arising from the relationship between the parties will only be brought in any federal or state court with appropriate jurisdiction over the subject matter hereof sitting in the State of Delaware. I WILL NOT RAISE IN CONNECTION HEREWITH, AND HEREBY WAIVE, TRIAL BY JURY AND/OR ANY DEFENSES BASED UPON THE VENUE, THE INCONVENIENCE OF THE FORUM, THE LACK OF PERSONAL JURISDICTION, THE SUFFICIENCY OF SERVICE OF PROCESS OR THE LIKE IN ANY ACTION OR SUIT ARISING FROM SUCH DISPUTE;

PATENT REEL: 032806 FRAME: 0966

I agree that all my obligations hereunder shall survive any termination of my employment and shall be binding on my heirs, executors, administrators, or other legal representatives or assigns;

And I hereby authorize and request my attorney(s) of record in this application to insert the execution date, serial number and filing date of this document in the spaces that follow: Serial Number: <u>14/240830</u>, Filing Date: <u>February 25, 2014</u>

This assignment is executed on the date indicated below.

STEPHEN DEFLEISCHER	Dated:
GERY DURACK	Dated: 9/20/12
JEREMY HATCHER	Dated:
DAVID ROBERTS	Dated:
MICHAEL ZORDAN	Dated:

PATENT REEL: 032806 FRAME: 0967

Docket No. 201104166.03

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: COMPENSATION OF MOTION-RELATED ERROR IN A STREAM OF MOVING MICRO-ENTITIES,

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 WHEREAS, Sony Corporation, a Japanese corporation with offices at 1-7-1 Konan, Minato-ku, Tokyo, 108-0075, Japan; and Sony Corporation of America, a New York Corporation with offices at 550 Madison Avenue, NY, NY, 10022-3211(hereinafter referenced as ASSIGNEE(S)) is desirous of securing 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, in return 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, its successors, assigns, and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the U.S. provisional patent application filed with the United States Patent and Trademark Office on August 25, 2011, under U.S. Serial No. 61/527340, and in the international PCT application filed with the United States Patent and Trademark Office as the Receiving Office on August 24, 2012, under Serial No. PCT/US2012/052204, and 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 any foreign countries, 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 or any foreign country 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 Letters Patent to said ASSIGNEES, as the assignees of the whole right, title and interest thereto;

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 foreign countries;

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;

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;

I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with or impact in any way this assignment and sale;

I further agree that this Assignment shall be deemed to have been made and executed in the State of Delaware and any dispute arising hereunder not governed by US federal law will be resolved in accordance with the laws of the State of Delaware without reference to its conflict of law principles. I hereby consent and submit to the jurisdiction of the federal and state courts located in the State of Delaware. Any action or suit under this Agreement or otherwise arising from the relationship between the parties will only be brought in any federal or state court with appropriate jurisdiction over the subject matter hereof sitting in the State of Delaware. I WILL NOT RAISE IN CONNECTION HEREWITH, AND HEREBY WAIVE, TRIAL BY JURY AND/OR ANY DEFENSES BASED UPON THE VENUE, THE INCONVENIENCE OF THE FORUM, THE LACK OF PERSONAL JURISDICTION, THE SUFFICIENCY OF SERVICE OF PROCESS OR THE LIKE IN ANY ACTION OR SUIT ARISING FROM SUCH DISPUTE;

> PATENT REEL: 032806 FRAME: 0968

I agree that all my obligations hereunder shall survive any termination of my employment and shall be binding on my heirs, executors, administrators, or other legal representatives or assigns;

And I hereby authorize and request my attorney(s) of record in this application to insert the execution date, serial number and filing date of this document in the spaces that follow: Serial Number: $\frac{14/240830}{14/240830}$, Filing Date: February 25, 2014.

This assignment is executed on the date indicated below.

STEPHEN D. FLEISCHER

Dated: 9/24/12

GARY DURACK

JEREMY HATCHER

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DAVID ROBERTS

MICHAEL ZORDAŃ

Dated:

9/24/12 Dated:____

Dated: 9/24/2012

Dated: 9/14/2012

RECORDED: 05/01/2014