505484456 05/20/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MARINA VILLANUEVA-BARREIRO	03/14/2019
OLIVER HUME	03/14/2019
SCOTT ALLEN WARDLE	05/19/2019

RECEIVING PARTY DATA

Name:	SONY INTERACTIVE ENTERTAINMENT INC.	
Street Address:	1-7-1 KONAN, MINATO-KU	
City:	TOKYO	
State/Country:	JAPAN	
Postal Code:	108-0075	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16282400

CORRESPONDENCE DATA

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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.

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Email: ZCustodio@gdiplaw.com
Correspondent Name: MATTHEW B. DERNIER
Address Line 1: GIBSON & DERNIER LLP

Address Line 2: 89 HEADQUARTERS PLAZA NORTH, PMB 1469

Address Line 4: MORRISTOWN, NEW JERSEY 07960

ATTORNEY DOCKET NUMBER:	545-741	
NAME OF SUBMITTER:	MATTHEW B. DERNIER	
SIGNATURE:	/Matthew B. Dernier/	
DATE SIGNED:	05/20/2019	

Total Attachments: 4

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PATENT 505484456 REEL: 049231 FRAME: 0050

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PATENT REEL: 049231 FRAME: 0051

DECLARATION AND ASSIGNMENT

DECLARATION:

As to each below-named inventor, I hereby declare that: (i) I believe I am the original sole inventor, or an original joint inventor, of the claimed invention in the below-identified patent application through which a patent is sought; and (ii) the patent application was made, or authorized to be made, by me:

Title: TRANSFER FUNCTION GENERATION SYSTEM AND METHOD

____ The specification of which is attached hereto.

X The specification of which was filed on <u>February 22, 2019</u>

as Application Serial No.

16/282,400

and was amended on

February 22, 2019

As to each below-named inventor, I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

As to each below-named inventor, I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56 and/or other applicable rules.

As to each below-named inventor, I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment of not more than five (5) years, or both, under § 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Direct correspondence to: Matthew B. Demier, Esq. at the address associated with Customer Number 27538.

ASSIGNMENT:

As to each below-named inventor - Assignor, I hereby acknowledge that I am an Assignor, who has received Ten Dolfars (\$10.00) and/or other good and valuable consideration for this assignment. Assignor assigns to Assignee all of Assignor's right, title and interest in the above-identified patent application, the invention(s) described and claimed in the above-identified patent application, and all patents that may issue based on the invention(s) and on the above-identified patent application, including any patent that issues from a divisional and/or continuing application claiming benefit of the above-identified patent application, in the United States and in every foreign country, including the right to enforce any rights for infringement that accrued prior to the effective date of this assignment. Assignor also assigns to Assignee all priority rights in the above-identified patent application. In those countries where permitted, the Assignor authorizes the Assignee to apply for patents for the invention directly in Assignee's name. Assignor authorizes the Commissioner of Patents and Trademarks or other governmental authority to issue all patents for the invention directly to Assignee. Assignor states that Assignor has the right to grant to Assignee the rights which are assigned by this assignment. Assignor will sign any additional documents as may be needed to carry out the purpose of this assignment. This assignment is binding on all parties who lawfully succeed to the rights of or take the place of Assignor or Assignee.

Assignee: Sony Interactive Entertainment Inc., 1-7-1 Konan, Minato-ku, Tokyo, JP 108-0075.

The undersigned hereby grant(s) to the firm of Gibson & Demier LLP, 89 Headquarters Plaza North, PMB 1469, Morristown, NJ 07960, the power to insert on this assignment any further identification of the above-identified patent application which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office concerning recordation of this document.

Full name of FIRST NAMED INVENTOR - ASSIGNOR:	Marina Villanueva-Barreiro
Inventor – Assignor Signature:	
Date:	1413119
Residence (city/state/country)	LONDON
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Post Office Address:	<u>c/o Sony Interactive Entertainment Europe</u> Limited
	10 Great Mariborough Street
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Full name of SECOND NAMED INVENTOR - ASSIGNOR:	Oliver Hume
Inventor – Assignor Signature:	
Date:	14/3/19
Residence (city/state/country)	
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Post Office Address:	BRITISH
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	10 Great Marlborough Street
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Full name of THIRD NAMED INVENTOR - ASSIGNOR:	Scott Wardle
Inventor Assignor Signature:	* · · · · · · · · · · · · · · · · · · ·
Date:	
Residence (city/state/country)	
Citizenship:	
Post Office Address:	c/o Sony Interactive Entertainment LLC
	2207 Bridgepointe Parkway
	San Mateo CA 94404

DECLARATION AND ASSIGNMENT

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Direct correspondence to: Matthew B. Dernier, Esq. at the address associated with Customer Number 27538.

ASSIGNMENT:

As to each below-named inventor - Assignor, I hereby acknowledge that I am an Assignor, who has received Ten Dollars (\$10.00) and/or other good and valuable consideration for this assignment. Assignor assigns to Assignee all of Assignor's right, title and interest in the above-identified patent application, the invention(s) described and claimed in the above-identified patent application, and all patents that may issue based on the invention(s) and on the above-identified patent application, including any patent that issues from a divisional and/or continuing application claiming benefit of the above-identified patent application, in the United States and in every foreign country, including the right to enforce any rights for infringement that accrued prior to the effective date of this assignment. Assignor also assigns to Assignee all priority rights in the above-identified patent application. In those countries where permitted, the Assignor authorizes the Assignee to apply for patents for the invention directly in Assignee's name. Assignor authorizes the Commissioner of Patents and Trademarks or other governmental authority to issue all patents for the invention directly to Assignee. Assignor states that Assignor has the right to grant to Assignee the rights which are assigned by this assignment. Assignor will sign any additional documents as may be needed to carry out the purpose of this assignment. This assignment is binding on all parties who lawfully succeed to the rights of or take the place of Assignor or Assignee.

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PATENT REEL: 049231 FRAME: 0054

Full name of FIRST NAMED INVENTOR - ASSIGNOR :	Marina Villanueva-Barreiro
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