505606717 08/05/2019

PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ATSUNORI HAMAMOTO	01/07/2019
HISASHI HATTORI	12/28/2018
YASUHIRO OOTORI	01/07/2019
TAKANORI NODA	12/28/2018

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	35507066

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	8051-1220
NAME OF SUBMITTER:	ERIC JENSEN
SIGNATURE:	/Eric Jensen/
DATE SIGNED:	08/05/2019

Total Attachments: 1 source=ASSMT#page1.tif

PATENT 505606717 REEL: 049962 FRAME: 0780

ASSIGNMENT AND INVENTOR'S DECLARATION

WHEREAS I/we, the undersigned inventor(s), hereafter also referred to as "assignor(s)", have invented certain new and useful improvements described in the application identified below; and

WHEREAS, <u>Sony Interactive Entertainment Inc.</u>, whose address is <u>1-7-1 Konan, Minato-ku, Tokyo, Japan</u>, hereinafter referred to as "assignee(s)", is desirous of acquiring the entire right, title and interest in and to the application and invention, and to any United States patents to be obtained therefor;

NOW, THEREFORE, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we, the above-named assignor(s), hereby sell, assign and transfer to the above named assignee(s), its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, including any right to bring or maintain an action for infringement under the provisional rights granted pursuant to Title 35, Section 154 of the United States Code or any other cause of action for acts which would constitute infringement occurring prior to this assignment, and including the right to claim priority under the International Convention of Paris (1883), as amended, of or in any corresponding foreign patent application, and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee(s), its successors and assigns.

As a below named inventor, I hen	eby d	eclare that:	
This assignment and declaration is directed to:	\boxtimes	The attached application, or	
		United States Application or PCT International Application Numberfiled on(Confirmation No	
The application is entitled: PAC	KAG	<u>E</u>	
The above-identified application v	vas m	ade or was authorized to be made by me.	
I believe that I am the original inve	entor	or an original joint inventor of a claimed inv	ention in the application.
I hereby acknowledge that any w	illful i	alse statement made in this assignment w	ith declaration is punishable

Given Name(s)	Atsunori	Family Name/Surname(s) HAMAMOTO
Inventor's Signature:	Atsunori Ramamoto	Date 20/9 , 07 , 07
Given Name(s)	Hisashi	Family Name/Surname(s) HATTORI
Inventor's Signature:	11isashi Hattori	Date 20/8 /2 - 28
Given Name(s)	Yasuhiro	Family Name/Surname(s) OOTORI
Inventor's Signature:	Tasuhiu Docori	Date 2019.1.7
Given Name(s)	Takanori	Family Name/Surname(s) NODA
Inventor's Signature:	Takapori Noda	Date 20/9 , /上 , 上分

under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

PATENT REEL: 049962 FRAME: 0781

RECORDED: 08/05/2019