

<b>PATENT ASSIGNMENT COVER SHEET</b>
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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
IKUO YAMANO	08/08/2018
YUSUKE NAKAGAWA	08/06/2018
SHINICHI HIRATA	08/06/2018
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YOICHI NISHIMAKI	08/06/2018
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<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	108-0075
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16309526
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<b>ATTORNEY DOCKET NUMBER:</b>	545-715
<b>NAME OF SUBMITTER:</b>	MATTHEW B. DERNIER
<b>SIGNATURE:</b>	/Matthew B. Dernier/
<b>DATE SIGNED:</b>	12/13/2018
<b>Total Attachments: 2</b>	

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## 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: OPERATING DEVICE AND CONTROL SYSTEM

The specification of which is attached hereto.  
 The specification of which was filed on \_\_\_\_\_  
as Application Serial No. \_\_\_\_\_  
and was amended on \_\_\_\_\_.

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. 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.

Assignee: Sony Interactive Entertainment Inc., having an address at: 1-7-1 Konan,  
Minato-ku, Tokyo 108-0075 JAPAN.

The undersigned hereby grant(s) to the firm of Gibson & Dernier LLP, 89 Headquarters Plaza North, PMB 1469, Morristown, NJ 07960, the power to insert on this assignment any further identification of the Patent 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.

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