

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT7088474

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
HAJIME HORIKOSHI	12/17/2021
YUKI KARATSU	12/13/2021
SHUNSUKE SAITO	12/17/2021
KAORU YAMANOUE	12/17/2021
YOSHIMICHI KITAYA	12/17/2021
ERIK BERAN	12/15/2021
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:	17502356
CORRESPONDENCE DATA	
Fax Number:	(732)634-6887
<i>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.</i>	
Phone:	732-634-7634
Email:	info@gdiplaw.com
Correspondent Name:	DERNIER IP LAW, LLC
Address Line 1:	89 HEADQUARTERS PLAZA NORTH
Address Line 2:	PMB 1469
Address Line 4:	MORRISTOWN, UNITED STATES 07960
ATTORNEY DOCKET NUMBER:	545-960
NAME OF SUBMITTER:	MATTHEW B. DERNIER
SIGNATURE:	/Matthew B. Dernier/
DATE SIGNED:	12/22/2021

Total Attachments: 8

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DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Title of Invention	AUDIO SIGNAL PROCESSING APPARATUS, METHOD OF CONTROLLING AUDIO SIGNAL PROCESSING APPARATUS, AND PROGRAM		
Docket Number	SYP346239US02		
<p>As the below named inventor, I hereby declare that:</p> <p>This declaration is directed to: <input type="checkbox"/> The attached application, or <input checked="" type="checkbox"/> United States application or PCT international application number 17/502,356 filed on Oct 15 2021.</p> <p>The above-identified application was made or authorized to be made by me.</p> <p>I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.</p> <p>I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.</p> <p>WHEREAS, Sony Interactive Entertainment Inc.</p> <p>hereinafter referred to as "ASSIGNEE") having a place of business at:</p> <p>1-7-1 Konan, Minato-ku, Tokyo, Japan</p> <p>desires to acquire the entire right, title and interest in said invention and the above-identified United States patent application;</p> <p>NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I hereby assign to the ASSIGNEE, the entire right, title and interest in said invention and in the above-identified United States patent application and in all divisions, continuations and continuations-in-part of said application, and reissues, extensions and renewals of Letters Patent granted thereon, and in all corresponding patent applications filed in countries foreign to the United States ("foreign countries") and corresponding international patent applications, and in all Letters Patents issuing on any such patent applications in the United States and foreign countries;</p> <p>I hereby assign to the ASSIGNEE the right to file patent applications in foreign countries on said invention in its own name and the right to claim priority to the above-identified United States patent application under the terms of the International Convention and any other relevant treaties;</p> <p>I hereby authorize and request the United States Patent & Trademark Office and officials in patent offices in foreign countries to issue any and all of said Letters Patent to the ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the sole use and behoof of the ASSIGNEE, its successors, assigns, and legal representatives, to the full end of the term for which said Letters Patent may be granted; and</p> <p>Further, I agree that, without further consideration, I will communicate to the ASSIGNEE any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, continuation-in-part, substitute, renewal and reissue applications, execute all necessary assignment papers to cause said Letters Patent to be issued to the ASSIGNEE, make all rightful oaths, and, perform all lawful acts to aid the ASSIGNEE, its successors and assigns, to obtain and enforce Letters Patent for said invention in the United States and foreign countries.</p>			
LEGAL NAME OF INVENTOR			
Inventor: Hajime Horikoshi		Date: 2021/12/17	
Signature: / Hajime Horikoshi /			

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The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

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WHEREAS, Sony Interactive Entertainment Inc.

hereinafter referred to as "ASSIGNEE") having a place of business at:
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desires to acquire the entire right, title and interest in said invention and the above-identified United States patent application;

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I hereby authorize and request the United States Patent & Trademark Office and officials in patent offices in foreign countries to issue any and all of said Letters Patent to the ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the sole use and behoof of the ASSIGNEE, its successors, assigns, and legal representatives, to the full end of the term for which said Letters Patent may be granted; and

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LEGAL NAME OF INVENTOR	
Inventor: <u>Yuki Karatsu</u>	Date: <u>2021/December/13</u>
Signature: <u>/Yuki Karatsu/</u>	

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LEGAL NAME OF INVENTOR

Inventor: Shunsuke Saito Date: 2021/12/17

Signature: / Shunsuke Saito /

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LEGAL NAME OF INVENTOR	
Inventor: <u>Kaoru Yamanoue</u>	Date: <u>December 17, 2021</u>
Signature: <u>/Kaoru Yamanoue/</u>	

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This declaration is directed to: ☐ The attached application, or
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17/502,356 filed on Oct 15 2021.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

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Further, I agree that, without further consideration, I will communicate to the ASSIGNEE any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, continuation-in-part, substitute, renewal and reissue applications, execute all necessary assignment papers to cause said Letters Patent to be issued to the ASSIGNEE, make all rightful oaths, and, perform all lawful acts to aid the ASSIGNEE, its successors and assigns, to obtain and enforce Letters Patent for said invention in the United States and foreign countries.

LEGAL NAME OF INVENTOR

Inventor: Yoshimichi Kitaya Date: December 17, 2021

Signature: / Yoshimichi Kitaya /

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: AUDIO SIGNAL PROCESSING APPARATUS, METHOD OF CONTROLLING AUDIO
SIGNAL PROCESSING APPARATUS, AND PROGRAM

X 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 Dernier IP Law, LLC, 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.

Full name of FIRST NAMED INVENTOR

Hajime Horikoshi

Inventor's Signature:

Date:

Residence:

Citizenship:

Post Office Address:

c/o Sony Interactive Entertainment Inc., 1-7-1,
Minato-ku, Konan 108-0075 Japan

Full name of SECOND NAMED INVENTOR

Yuki Karatsu

Inventor's Signature:

Date:

Residence:

Citizenship:

Post Office Address:

c/o Sony Interactive Entertainment Inc., 1-7-1,
Minato-ku, Konan 108-0075 Japan

Full name of THIRD NAMED INVENTOR

Shunsuke Saito

Inventor's Signature:

Date:

Residence:

Citizenship:

Post Office Address:

c/o Sony Interactive Entertainment Inc., 1-7-1,
Minato-ku, Konan 108-0075 Japan

Full name of FOURTH NAMED INVENTOR

Kaoru Yamanoue

Inventor's Signature:

Date:

Residence:

Citizenship:

Post Office Address:

c/o Sony Interactive Entertainment Inc., 1-7-1,
Minato-ku, Konan 108-0075 Japan

Full name of FIFTH NAMED INVENTOR

Yoshimichi Kitaya

Inventor's Signature:

Date:

Residence:

Citizenship:

Post Office Address:

c/o Sony Interactive Entertainment Inc., 1-7-1,
Minato-ku, Konan 108-0075 Japan

Full name of SEVENTH NAMED INVENTOR

Beran, Erik

Inventor's Signature:

/Erik Beran/

Date:

12/15/2021

Residence:

Citizenship:

Post Office Address:

c/o Sony Interactive Entertainment LLC 2207
Bridgepointe Pkwy. San Mateo, CA 94404, USA

Full name of EIGHTH NAMED INVENTOR

Victoria Dorn

Inventor's Signature:

Date:

Residence:

Citizenship:

Post Office Address:

c/o Sony Interactive Entertainment LLC, 2207
Bridgepointe Pkwy. San Mateo, CA 94404, USA

Full name of NINTH NAMED INVENTOR

Brandon Sangston

Inventor's Signature:

Date:

Residence:

Citizenship:

Post Office Address:

c/o Sony Interactive Entertainment LLC, 2207
Bridgepointe Pkwy. San Mateo, CA 94404, USA