505190965 11/14/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5237734

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ALLISON BURGUENO	10/30/2018
LINDSAY MILLER	11/05/2018
MARVIN DEMERCHANT	10/29/2018
HYEHOON YI	10/29/2018
TRACY BARNES	11/14/2018
DAVE YOUNG	10/29/2018
YUKO NISHIKAWA	10/30/2018

RECEIVING PARTY DATA

Name:	SONY CORPORATION
Street Address:	1-7-1 KONAN
Internal Address:	MINATO-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	1080075

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16169041

CORRESPONDENCE DATA

Fax Number: (312)803-4960

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.

Email: docketing@chiplawgroup.com

Correspondent Name: CHIP LAW GROUP
Address Line 1: 155 N WACKER DR

Address Line 2: SUITE 4250

Address Line 4: CHICAGO, ILLINOIS 60606

ATTORNEY DOCKET NUMBER: 201705796.01		
NAME OF SUBMITTER: PRAMOD CHINTALAPOODI		
SIGNATURE:	/Pramod Chintalapoodi/	

PATENT 505190965 REEL: 047504 FRAME: 0204

DATE SIGNED:	11/14/2018	
Total Attachments: 7		
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PATENT REEL: 047504 FRAME: 0205

ASSIGNMENT

WHEREAS, I, as a below named inventor, am a joint inventor of certain new and useful improvements in "AN AUDIO-VIDEO REPRODUCTION DEVICE SETUP USING INTERVIEW-BASED VOICE CONTROL"; for which application for Letters Patent of the United States of America was executed by us on the date indicated next to our name;

AND WHEREAS, Sony Corporation, a Japanese corporation with offices at 1-7-1 Konan, Minato-ku, Tokyo, 108-0075, Japan (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 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 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 and foreign countries, and I hereby authorize and request the Commissioner of Patents to issue the said 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;

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: 16/169,041 Filing Date: October 24, 2018.

This assignment is executed on the date indicated below.

1

Docket No. 201705796.01

All Chas	Dated: 10.30.2015
ALLISON BURGUENO LINDSAY MILLER	Dated: 11/5/2018
L-0:W_	Dated: 10.29.18
MARVIN DEMERCHANT (Reloca G	Dated: 10129 (18)
HYEHOON YI	Dated:
CTRACY BARNES	Dated: 10/29/14
DAVEYOUNG/	Dated: 16/35/2018
YUKO NISHIKAWA	

CIVIL CODE § 1189

A notary public or other officer completing this certificate to which this certificate is attached, and not the truthfu	e verifies only the identity of the individual who signed the document lness, accuracy, or validity of that document.
State of California	1
County of <u>San Dreg O</u>	
On November 05 , Zol 8 before me,	Charle J. Donovan, Noton Public
Date personally appeared <u>Lindsay Mill</u>	Here Insert Name and Title of the Officer
personally appeared <u>LindSay Mill</u>	45
	Name(s) of Signer(s)
CHARLA J. DONOVAN Commission # 2120036 Notary Public - California	I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.
San Diego County My Comm. Expires Asi, 15, 2019	WITNESS my hand and official seal. Signature Charla J. Drivier
Place Notary Seal and/or Stamp Above	Signature of Notary Public
Completing this information o	OPTIONAL can deter alteration of the document or this form to an unintended document.
Description of Attached Document	
Title or Type of Document:	
Document Date:	Number of Pages:
Signer(s) Other Than Named Above:	

Signer's Name:

□ Corporate Officer – Title(s):
□ Partner – □ Limited □ General
□ Individual
□ Attorney in Fact
□ Trustee
□ Guardian of Conservator
□ Other:
□ Other:
□ Signer's Name:
□ Corporate Officer – Title(s):
□ Partner – □ Limited □ General
□ Individual
□ Attorney in Fact
□ Trustee
□ Guardian of Conservator
□ Other:
□ Other:

Signer is Representing: ______ Signer is Representing: _____

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Capacity(ies) Claimed by Signer(s)

CIVIL CODE § 1189

A notary public or other officer completing this certificate to which this certificate is attached, and not the truthfuln	verifies only the identity of the individual who signed the document ness, accuracy, or validity of that document.
State of California	1
County of Sam Dieg D	
on ataber 29. 2018 poros mo	Charle J. Darwan Natory Publ
Date	Charla J. Donovan, Nothing Publication Publication Charles of the Officer
personally appeared <u>David Young</u>	
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Name(s) of Signer(s)
CHARLA J. DONOVAN Commission # 2120036 Notary Public - California San Diego County	I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct. WITNESS my hand and official seal.
My Comm. Expires Au., 15, 2019	
	Signature Charla J. Dmonn
Place Notary Seal and/or Stamp Above	Signaldre of Notary Public
Completing this information co	PTIONAL an deter alteration of the document or his form to an unintended document.
Description of Attached Document	
Title or Type of Document:	

Signer(s) Other Than Named Above:

Signer is Representing: _______ Signer is Representing: _____

☐ Corporate Officer — Title(s):
☐ Partner — ☐ Limited ☐ General
☐ Individual
☐ Attorney in Fact
☐ Trustee
☐ Guardian of Conservator
☐ Other:
☐ Other:
☐ ☐ Department ☐ Guardian of Conservator
☐ Other:
☐ ☐ Other:

Signer's Name: ______ Signer's Name: _____

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Capacity(ies) Claimed by Signer(s)

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A notary public or other officer completing this certificate veri to which this certificate is attached, and not the truthfulness	ifies only the identity of the individual who signed the documers, accuracy, or validity of that document.
State of California	
County of <u>San Orego</u>	
on October 29, 2018 before me, C	havla J. Donovan, Notzny Public
On October 29, 2018 before me, C Date personally appeared Hyehoon Yi and	Marvin De Merchant
	Name(s) of Signer(s)
to the within instrument and acknowledged to me that authorized capacity(les), and that by his/her/their sign upon behalf of which the person(s) acted, executed the	ature(s) on the instrument the person(s), or the entity
CHARLA J. DONOVAN Commission # 2120036 Notary Public - California	I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.
San Diego County My Comm. Expires Aug 15, 2019	WITNESS my hand and official seal.
	Signature Clark of Dinovers
Place Notary Seal and/or Stamp Above	Signatul of Notary Public
Completing this information can d	ONAL ————————————————————————————————————
Description of Attached Document	
Title or Type of Document:	
Document Date:	Number of Pages:
Signer(s) Other Than Named Above:	
Capacity(ies) Claimed by Signer(s)	
Signer's Name:	Signer's Name:
☐ Corporate Officer – Title(s):	☐ Corporate Officer – Title(s):
□ Partner – □ Limited □ General	☐ Partner — ☐ Limited ☐ General
☐ Individual ☐ Attorney in Fact	☐ Individual ☐ Attorney in Fact
☐ Trustee ☐ Guardian of Conservator	☐ Trustee ☐ Guardian of Conservator
□ Other:	☐ Other:
Signer is Representing:	Signer is Representing:

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andered and another of the				RJURY under the
3	HARLA J. DONOVAN	laws of the State of California that the foregoing		
** \$25000PKG4-538-2004	mmission # 2120036	paragraph is true	and correct.	
	ary Public - California	WITNESS my hand	d and official	seal.
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		Signer's Name		
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☐ Partner — ☐ Lim		□ Partner - □ L		
☐ Individual	Attorney in Fact	□ Individual	□ Att	orney in Fact
□ Trustee	☐ Guardian of Conservator	□ Trustee		ardian of Conservator
☐ Other:		☐ Other:		
Signer is Represen	iting:	Signer is Represe	enting:	***************************************

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CIVIL CODE § 1189

A notary public or other officer completing this certificate ver to which this certificate is attached, and not the truthfulnes:	rifies only the identity of the individual who signed the document s, accuracy, or validity of that document.		
State of California			
County of District			
County of			
on <u>November 14, 2018</u> before me,	Here Insert Name and Title of the Office		
Date *	Here Insert Name and Title of the Office		
personally appeared <u>IYacy Baco</u>	45		
	Name(s) of Signer(s)		
to the within instrument and acknowledged to me tha	nature(s) on the instrument the person(s), or the entity		
YARARARARARARARARA	I certify under PENALTY OF PERJURY under the		
CHARLA J. DONOVAN Commission # 2120036	laws of the State of California that the foregoing paragraph is true and correct.		
Sice Stall Notary Public - California			
San Diego County	WITNESS my hand and official seal.		
My Comm. Expires Au. 15 2019	<u> </u>		
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Diego Motory Contractor Chara Abour	Signature VIVIA		
Place Notary Seal and/or Stamp Above OPT	Signaturé di Notary Public		
	deter alteration of the document or		
fraudulent reattachment of this	form to an unintended document.		
Description of Attached Document			
Title or Type of Document:			
	Number of Pages:		
Signer(s) Other Than Named Above:			
Capacity(ies) Claimed by Signer(s)			
Signer's Name:	Signer's Name:		
☐ Corporate Officer – Title(s):	☐ Corporate Officer – Title(s):		
□ Partner – □ Limited □ General	☐ Partner – ☐ Limited ☐ General		
☐ Individual ☐ Attorney in Fact ☐ Guardian of Conservator			
□ Other	☐ Trustee ☐ Guardian of Conservator		

Other:

Signer is Representing: ______ Signer is Representing: _____

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RECORDED: 11/14/2018

PATENT REEL: 047504 FRAME: 0212