08/24/2016 503975776

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4022432

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NOBUO TANAKA	06/04/2015
VLADIMIR ELGORT	06/19/2015
JACELYN DANIELSON	06/04/2015
ANTON KALACHEV	06/04/2015
BEHRAM DACOSTA	06/01/2015
UDUPI RAMANATH BHAT	06/01/2015
LUDOVIC COPERE	06/01/2015
MASAKI KATAOKA	12/07/2015
JOHN WONG	06/04/2015

RECEIVING PARTY DATA

Name:	SONY CORPORATION
Street Address:	1-7-1 KONAN
Internal Address:	MINATO-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	108-0075
Name:	SONY CORPORATION OF AMERICA
Street Address:	550 MADISON AVENUE
City:	NEW YORK
State/Country:	NEW YORK
Postal Code:	10022-3211

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15236449

CORRESPONDENCE DATA

(916)498-1074 Fax Number:

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.

Phone: 916-498-1010

> **PATENT** REEL: 039531 FRAME: 0213

Email:sek@intellectual.comCorrespondent Name:STEVEN E KENNEDYAddress Line 1:400 CAPITOL MALL

Address Line 2: SUITE 1550

Address Line 4: SACRAMENTO, CALIFORNIA 95814

ATTORNEY DOCKET NUMBER: SONY.269US (201305192.01U

NAME OF SUBMITTER: STEVEN E. KENNEDY

SIGNATURE: /STEVEN E. KENNEDY/

DATE SIGNED: 08/24/2016

Total Attachments: 10

source=SONY_269US_201305192_01US_executed_assignment#page1.tif source=SONY_269US_201305192_01US_executed_assignment#page2.tif source=SONY_269US_201305192_01US_executed_assignment#page3.tif source=SONY_269US_201305192_01US_executed_assignment#page4.tif source=SONY_269US_201305192_01US_executed_assignment#page5.tif source=SONY_269US_201305192_01US_executed_assignment#page6.tif source=SONY_269US_201305192_01US_executed_assignment#page7.tif source=SONY_269US_201305192_01US_executed_assignment#page8.tif source=SONY_269US_201305192_01US_executed_assignment#page9.tif source=SONY_269US_201305192_01US_executed_assignment#page9.tif source=SONY_269US_201305192_01US_executed_assignment#page9.tif

PATENT REEL: 039531 FRAME: 0214

ASSIGNMENT

WHEREAS, I, as a below named inventor, am a sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of certain new and useful improvements in: **SMART WEARABLE DEVICES AND METHODS FOR CUSTOMIZED HAPTIC FEEDBACK** for which application for Letters Patent of the United States of America was executed by e on the date indicated next to my name:

AND WHEREAS, Sony Corporation, a Japanese corporation with offices at 1-7-1 Konan, Minato-ku, Tokyo, 108-0075, Japan; and Sony Corporation of America, a New York Corporation with offices at 550 Madison Avenue, New York, NY, 10022-3211 (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 therefor 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 or joint inventor as indicated below, by these presents do hereby assign, sell and transfer unto said ASSIGNEE(S), its successors, assigns, and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the international PCT application filed with the United States Patent and Trademark Office as the Receiving Office on February 19, 2015, under Serial No. PCT/US2015/016714, and 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 ASSIGNEE(S), as the assignee(s) 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: 15/236, 449, Filing Date: August 14, 2016

This assignmen	nt is being executed on the date indicated below.		
Inventor:	Molau Tamaha	Date:	6/4/2015

STATE OF MULISLY SS

NOBUO TANAKA

on 6 4 2015 before me Can Hinicucal Notary Public

personally appeared who is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and office seal.

Signature óf

Signature / \ \

JOAN M. MINICUCCI NOTARY PUBLIC OF NEW JERSEY

I.D. # 50013623 My Commission Expires 4/7/2020

Notary Public

Docket No.: 201305192.01

This assignment is being executed on the date indicated below. Inventor: VEADIMIR ELGORT Date:
STATE OF plan york ss. COUNTY OF New york ss. On 1990 5 before me, MARIE CHRICLE JEAN Notary Public personally appeared Vaccount who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.
WITNESS my hand and office seal.
Signature Marie-Ginelle Jeon Public

JEAN MARIE CARMELLE Notary Public, State of New York No. 01JE6219700 Gualified in Suffolk County Commission Expires March 29, 2018

.

This assignment is being executed on the date indicated below. Date: JUNE 4/15 Inventor: JACELYN DANIELSON A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document. STATE OF CM. PORUTA COUNTY OF NUMECO) Ne 4 2015 before me, Cysttia L. Woodunge Notary Public personally appeared DANGELSON who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/aye subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ios), and that by his/her/their signature(s) on the basis of satisfactory evidence to be the person(s) and that by his/her/their signature(s) on the basis of satisfactory evidence to be the person of the basis of satisfactory evidence to be the person of the basis of satisfactory evidence to be the person of the basis of satisfactory evidence to be the person of the basis of satisfactory evidence to be the person of the basis of satisfactory evidence to be the person of the basis of satisfactory evidence to be the person of the basis of satisfactory evidence to be the person of the basis of satisfactory evidence to be the person of the basis of satisfactory evidence to be the person of the basis of satisfactory evidence to be the person of the basis of satisfactory evidence to be the person of the basis of satisfactory evidence to be the person of the basis of satisfactory evidence to be the person of the basis of satisfactory evidence to be the person of the basis of satisfactory evidence to be the person of the basis of satisfactory evidence to be the person of the basis of satisfactory evidence to be the person of the basis of satisfactory evidence to be the person of the basis of the person of the basis of the person of the basis of the instrument the person(\$), or the entity upon behalf of which the person(\$) acted, executed the instrument. 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 office seal. CYNTHIA L. WOODMAN Commission # 1950361

andhure of Notary Public

Docket No.: 201305192.01

PATENT REEL: 039531 FRAME: 0218

Notary Public - California

San Mateo County My Comm. Expires Sep 27, 2015

This assignment is being executed on the date indicated below
Inventor: Date: 06/04/15
A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.
STATE OF CALFALIA) SS. COUNTY OF SAN MATER SS. COUNTY OF SAN MATER On Sure 4, 2015 before me, C 404 his L. Laceducan Notary Public personally appeared Parton Kalaches who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/as subscribed to the within instrument and acknowledged to me that he/shb/they executed the same in his/hb/their authorized capacity(is), and that by his/hb/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.
Signature Shenavre of Notary Public Shenavre of Notary Public CYNTHIA L. WOODMAN Commission # 1950361 Notary Public - California San Mateo County My Comm. Expires Sep 27, 2015

Inventor:

JOHN WONG

STATE OF MONOR

STATE OF Monor State of Monor State State of State Subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature of Notary Public Notary Public Signature of Notary Public Signature Sign

water a secondaria was

MICHELLE LIVRES
Notary Public
State of New Jersey
My Commission Expires Jun 17, 2019

upon and accomplished or and

Docket No.: 201305192.01

This assignment is being executed on the date indicated below. Inventor: **BEHRAM DACOSTA** A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document. STATE OF Cali COUNTY OF Sunta Clovers. on July 2015 before me, who proved to me on the basis of satisfactory evidence to be the person(s) whose hame(s)-is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument. 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 office seal. YU-CHING HSU Signature of Notary Public Commission No. 1998677 NOTARY PUBLIC-CALIFORNIA SANTA CLARA COUNTY My Comm. Expires DECEMBER 16, 2016

Docket No.: 201305192.01

This assignment is being executed on the date indicated below. Inventor: UDUPI RAMANATH BHAT
A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.
STATE OF California) ss. COUNTY OF Santa (1906) before me, Taliful HCM Notary Public personally appeared to the within instrument and acknowledged to me that he she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument. I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is
WITNESS my hand and office seal. Signature Signature of Wortery Public

This assignment is being executed on the date indicated below. Inventor: LUDOVIC COPERE A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document. COUNTY OF before me, Notary Public personally appeared [1001/1 who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is are subscribed to the within instrument and acknowledged to me that he she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument. I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct. WITNESS my handhand office seal. Signature Signature of Notary Public YU-CHING HSU Commission No. 1998677 NOTARY PUBLIC-GALIFORNIA SANTA CLARA COUNTY My Comm. Expires DECEMBER 16, 2016

Docket No.: 201305192.01

Inventor:	marchi Latacha	Date:	Dec.	7, 2015
	MASAKI KATAOKA			
STATE OF]	NEW YORK)			
COUNTY OF	NEW YOOK, ss.			
on personally app be the person (he/she/they ex	Coate) (Date) (Date)	VIL MOSUA oved to me on the instrument and a city(ies), and that	Notary P e basis of satcknowledged by his/her/tl	ublic isfactory evidence to to me that heir signature(s) on
the instrument	the person(s), or the entity upon behalf of which	the person(s) ac	ted, executed	I the instrument.
WITNESS my	hand and office seal.			
Signature	Wignature of Notary Public			4
	*.			

This assignment is being executed on the date indicated below.

ANNE MARIE MOSERA
NOTARY PUBLIC-STATE OF NEW YORK
No. 01MO6139058
Qualified in New York County
My Commission Expires December 27, 20+3

Docket No.: 201305192.01