

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4022355

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	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 COPERRE	06/01/2015
MASAKI KATAOKA	12/07/2015
JOHN WONG	06/04/2015

**RECEIVING PARTY DATA**

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

**PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15236448

**CORRESPONDENCE DATA**

Fax Number: (916)498-1074

*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

**Email:** sek@intellectual.com  
**Correspondent Name:** STEVEN E KENNEDY  
**Address Line 1:** 400 CAPITOL MALL  
**Address Line 2:** SUITE 1550  
**Address Line 4:** SACRAMENTO, CALIFORNIA 95814

**ATTORNEY DOCKET NUMBER:** SONY.267US (201305190.01U)

**NAME OF SUBMITTER:** STEVEN E. KENNEDY

**SIGNATURE:** /STEVEN E. KENNEDY/

**DATE SIGNED:** 08/24/2016

**Total Attachments: 10**

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Docket No.: 201305190.01

### 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: **PROXIMITY BASED AND DATA EXCHANGE AND USER AUTHENTICATION BETWEEN SMART WEARABLE DEVICES** 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/US2015/016676, 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: 15/236,448, Filing Date: August 14, 2016

This assignment is being executed on the date indicated below.

Inventor: *NOBUO TANAKA* Date: 6/4/2015  
NOBUO TANAKA

STATE OF New Jersey  
COUNTY OF Bergen ss.

On 6/4/2015 before me Joan Minicucci Notary Public  
(Date)

personally appeared NOBUO TANAKA 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 *Joan Minicucci*  
Signature of Notary Public

JOAN M. MINICUCCI  
NOTARY PUBLIC OF NEW JERSEY  
I.D. # 50013623  
My Commission Expires 4/7/2020

Docket No.: 201305190.01

This assignment is being executed on the date indicated below.

Inventor:

*[Signature]*  
VLADIMIR ELGORT

Date:

6/19/15

STATE OF New York ss.  
COUNTY OF New York

On 6/19/2015 before me, JANIE CARMELLE JEAN Notary Public

(Date)  
personally appeared Vladimir Elgort 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 *[Signature]*  
Signature of Notary Public

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

Docket No.: 201305190.01

This assignment is being executed on the date indicated below.

Inventor: J. Danielson Date: JUNE 4/15

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.

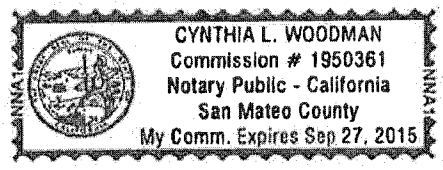
STATE OF CALIFORNIA  
COUNTY OF SAN MATEO ss.

On June 4, 2015 before me, Cynthia L. Woodman Notary Public  
(Date)  
personally appeared Jacelyn Danielson 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 hand and office seal.

Signature [Handwritten Signature]  
Signature of Notary Public



Docket No.: 201305190.01

This assignment is being executed on the date indicated below.

Inventor:

ANTON KALACHEV

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 CALIFORNIA )  
COUNTY OF SAN MATEO ) ss.

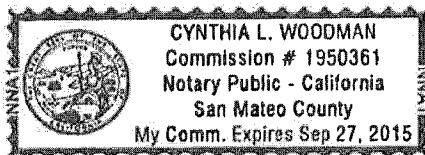
On JUNE 4, 2015 before me, Cynthia L. Woodman Notary Public  
(Date)  
personally appeared Anton Kalachev who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their 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 hand and office seal.

Signature

[Handwritten Signature]  
Signature of Notary Public



Docket No.: 201305190.01

This assignment is being executed on the date indicated below.

Inventor: *[Signature]* Date: 6/4/2015

JOHN WONG

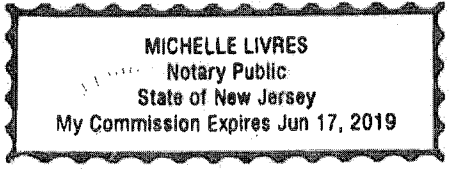
STATE OF NJ )  
COUNTY OF MORRIS ) ss.

On 6/4/2015 (Date) before me, Michelle Livres Notary Public

personally appeared John Wong 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 *[Signature]*  
Signature of Notary Public



Docket No.: 201305190.01



This assignment is being executed on the date indicated below.

Inventor: Behram da Costa Date: 6/1/2015

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 California  
COUNTY OF Santa Clara ss.

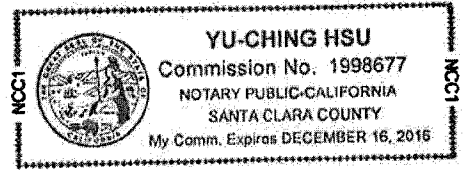
On Jun. 1, 2015 before me, Yu-Ching Hsu Notary Public

<sup>(Date)</sup> personally appeared Behram Da Costa 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 hand and office seal.

Signature [Handwritten Signature]  
Signature of Notary Public



Docket No.: 201305190.01

This assignment is being executed on the date indicated below.

Inventor:

[Signature]  
UDUPI RAMANATH BHAT

Date:

06/01/2015

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  
COUNTY OF Santa Clara ss.

On Jun. 1, 2015 before me, Yu-Ching Hsu Notary Public  
(Date)

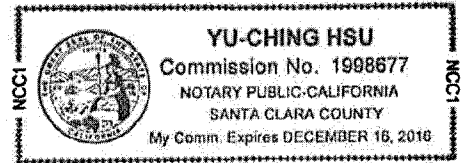
personally appeared Udupi Ramanath Bhat who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) 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 hand and office seal.

Signature

[Signature]  
Signature of Notary Public



Docket No.: 201305190.01

This assignment is being executed on the date indicated below.

Inventor: L Copere Date: 05/01/15  
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.

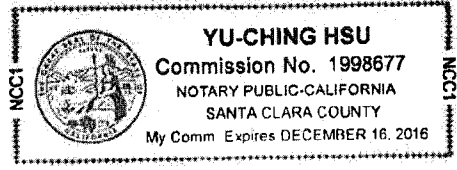
STATE OF California  
COUNTY OF Santa Clara ss.

On Jun. 1, 2015 before me, Yu-Ching Hsu Notary Public  
(Date)  
personally appeared Ludovic Copere 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 hand and office seal.

Signature [Handwritten Signature]  
Signature of Notary Public



Docket No.: 201305190.01

This assignment is being executed on the date indicated below.

Inventor: Masaki Kataoka Date: Dec. 7, 2015

MASAKI KATAOKA

STATE OF NEW YORK )  
COUNTY OF NEW YORK ) ss.

On December 7, 2015 before me, Anne Marie Mosera Notary Public  
(Date)  
personally appeared Masaki Kataoka 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 Anne Marie Mosera  
*Signature of Notary Public*

ANNE MARIE MOSERA  
NOTARY PUBLIC-STATE OF NEW YORK  
No. 01MO6139058  
Qualified In New York County  
My Commission Expires December 27, 2015

Docket No.: 201305190.01