### 506490159 02/05/2021

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6536935

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
MASANORI IWASAKI	07/31/2020
TAKAYUKI HIRABAYASHI	08/05/2020
NAOTO YAMAGUCHI	09/03/2020
TSUKASA YOSHIMURA	01/17/2021
FUMIKO SHIGA	08/27/2020

#### **RECEIVING PARTY DATA**

Name:	SONY CORPORATION
Street Address:	1-7-1 KONAN, MINATO-KU
City:	TOKYO
State/Country:	JAPAN
Name:	SONY SEMICONDUCTOR SOLUTIONS CORPORATION
Street Address:	4-14-1, ASAHICHO, ATSUGI-SHI
City:	KANAGAWA
State/Country:	JAPAN
Postal Code:	243-0014

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16954008

### **CORRESPONDENCE DATA**

**Fax Number:** (312)827-8185

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:** 312-781-6017

**Email:** chicago.patents@klgates.com

Correspondent Name: NOLAN R. HUBBARD, K&L GATES LLP

Address Line 1: P.O. BOX 1135

Address Line 4: CHICAGO, ILLINOIS 60690-1135

ATTORNEY DOCKET NUMBER: 3712174.04392

NAME OF SUBMITTER: NOLAN R. HUBBARD

PATENT 506490159 REEL: 055164 FRAME: 0678

SIGNATURE:	/Nolan R. Hubbard/
DATE SIGNED:	02/05/2021
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 5	
source=3712174-4392_Assignment#pag	ge1.tif
source=3712174-4392_Assignment#pag	ge2.tif
0710171 1000 1 1 111	0.45

source=3712174-4392\_Assignment#page1.tif source=3712174-4392\_Assignment#page2.tif source=3712174-4392\_Assignment#page3.tif source=3712174-4392\_Assignment#page4.tif source=3712174-4392\_Assignment#page5.tif

Title of Invention	CONTACT LENS AND COMMUNICATION SYSTEM
As the below	named inventor, 1 hereby declare than
This declarati	1 1 Who are about most familian and
	United States application or PCT international application number PCT/JP2018/043680 filed on 2018/11/28
The above-id	entified 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.  SONY CORPORATION
1-7-1 KO	SONY SEMICONDUCTOR SOLUTIONS CORPORATION , with offices at NAN, MINATO-KU, TOKYO, 108-0075, JAPAN. ahi-cho, Atsugi-shi, Kanagawa, Japan
application d	(hereinafter referred to as ASSIGNEES), are desirous of jointly acquiring all interest in, to and under said invention, said isclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the and in any and all foreign countries;
of which are legal represer in and to any and all pi Convention F adheres, and United States	EFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency hereby acknowledged. I by these presents do hereby assign, sell and transfer unto said ASSIGNEES, their successors, assigns, and natives, the entire right, title and interest in said invention, said application, including any divisions and continuations thereof, and and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to riority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter American telating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America to any other benefits accruing or to accrue to me with respect to the filling of applications for patents or securing of patents in the and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue said United States Letters ASSIGNEES, as the assignces of the whole right, title and interest thereto;
their designe further remur	agree to execute all necessary or desirable and lawful future documents, including assignments in favor of said ASSIGNEES or e(s), as ASSIGNEES or their successors, assigns and legal representatives may from time-to-time present to me and without neration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters United States and countries foreign thereto;
<ul> <li>application fo</li> </ul>	r agree to properly execute and deliver and without further remuneration, such necessary or desirable and lewful papers for foreign patents, for illing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters may be granted for my aforesaid invention, as said ASSIGNEES thereof shall hereafter require and prepare at their own expense;
application, s	agree that ASSIGNEES will, upon their request, be provided promptly with all pertinent facts and documents relating to said aid invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will se same in any interference or litigation related thereto;
And I hereby this assignme	covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with made sale.
I hereby acknow not more than	nowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of a five (5) years, or both,
LEGAL NAN	ME OF INVENTOR
Inventor:	MASANORI IWASAKI Date:
Signature:	Masanov Wyasak

Title of Invention CONTACT LENS AND COMMUNICATION SYSTEM
As the below named inventor, I hereby declare that:
This declaration
United States application or PCT international application number PCT/JP2018/043680 filed on 2018/11/28
The above-identified application was made or authorized to be made by mo.
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.  SONY CORPORATION
WHEREAS, SONY SEMICONDUCTOR SOLUTIONS CORPORATION , with offices at
1-7-1 KONAN, MINATO-KU, TOKYO, 108-0075, JAPAN, 4-14-1 Asahi-cho, Atsugi-shi, Kanagawa, Japan
respectively (hereinafter referred to as ASSIGNEES), are desirous of jointly acquiring 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 consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I by these presents do hereby assign, self and transfer unto said ASSIGNEES, their successors, assigns, and legal representatives, the entire right, title and interest in said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, 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 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 countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue said United States Letters Patent to said ASSIGNEES, as the assignees of the whole right, title and interest thereto;
And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of said ASSIGNEES or their designee(s), as ASSIGNEES or their successors, assigns and legal representatives may from time-to-time present to me and without further renumeration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United States and countries foreign thereto;
And 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 said ASSIGNEES thereof shall be eafter require and prepare at their own expense;
And 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;
And I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.
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.
LEGAL NAME OF INVENTOR
Inventor: TAKAYUKI HIRABAYASHI Date: Hugast 5, 2020
Signature: <u>Vakayaki Kinabayashi</u>

Title of Invention	CONTACT LENS AND COMMUNICATION SYSTEM
As the below	named inventor, I hereby declare that:
This declarati	The attached application, or
	United States application or PCT international application number PCT/JP2018/043680 filed on 2018/11/28
The above-ide	mtified application was made or authorized to be made by me.
	am the original inventor or an original joint inventor of a claimed invention in the application.  SONY CORPORATION
	SONY SEMICONDUCTOR SOLUTIONS CORPORATION , with offices at IAN, MINATO-KU, TOKYO, 108-0075, JAPAN,
	ihi-cho, Atsugi-shi, Kanagawa, Japan
application di	(hereinafter referred to as ASSIGNEES), are destrous of jointly acquiring all interest in, to and under said invention, said sclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the and in any and all foreign countries;
of which are I legal represent in and to any any and all pr Convention R adheres, and to United States	FORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency creby acknowledged. I by these presents do hereby assign, sell and transfer unto said ASSIGNEES, their successors, assigns, and tatives, the entire right, title and interest in said invention, said application, including any divisions and continuations thereof, and and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to ority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American elating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America or any other benefits accruing or to accrue to me with respect to the filling of applications for patents or securing of patents in the and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue said United States Letters ASSIGNEES, as the assignces of the whole right, title and interest thereto;
their designed further remun	agree to execute all necessary or desirable and lawful future documents, including assignments in favor of said ASSIGNEES or (s), as ASSIGNEES or their successors, assigns and legal representatives may from time-to-time present to me and without cration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Inited States and countries foreign thereto;
application fo	agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for roseign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters may be granted for my aforesaid invention, as said ASSIGNEES thereof shall hereafter require and prepare at their own expense;
application, sa	agree that ASSIGNEES will, upon their request, be provided promptly with all pertinent facts and documents relating to said and invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will esame in any interference or litigation related thereto;
And I hereby this assignmen	covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with at and sale.
I hereby acknoor mot more than	swledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of five (5) years, or both.
LEGAL NAM	TE OF INVENTOR
Inventor:	NAOTO YAMAGUCHI Date: 9/3/2020
Signature:	Nasto Jungo

Title of Invention	CONTACT LENS AND COMMUNICATION SYSTEM
As the below	named inventor, I hereby declare that:
This declarati	1. The other had application or
	United States application or PCT international application number PCT/JP2018/043680 filed on 2018/11/28
The above-id	entified 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.  SONY CORPORATION
WHEREAS,	
	NAN, MINATO-KU, TOKYO, 108-0075, JAPAN, ahi-cho, Atsugi-shi, Kanagawa, Japan
application di	(hereinafter referred to as ASSIGNEES), are desirous of jointly acquiring all interest in, to and under said invention, said sclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the and in any and all foreign countries;
of which are legal represer in and to any any and all pr Convention R adheres, and United States	EFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency pereby acknowledged, I by these presents do hereby assign, sell and transfer unto said ASSIGNEES, their successors, assigns, and traitives, the entire right, title and interest in said invention, said application, including any divisions and continuations thereof, and and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to iority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American elating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America of any other henefits accruing or to accrue to me with respect to the filling of applications for patents or securing of patents in the and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue said United States Letters ASSIGNEES, as the assignees of the whole right, title and interest thereto;
their designer further remur	agree to execute all necessary or desirable and lawful future documents, including assignments in favor of said ASSIGNEES or e(s), as ASSIGNEES or their successors, assigns and legal representatives may from time-to-time present to me and without teration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters United States and countries foreign thereto;
application for	agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for a foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters may be granted for my aforesaid invention, as said ASSIGNEES thereof shall hereafter require and prepare at their own expense;
application, s	agree that ASSIGNEES will, upon their request, be provided promptly with all pertinent facts and documents relating to said aid invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will be same in any interference or litigation related thereto;
And I hereby this assignme	covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with it and sale.
	owledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of five (5) years, or both.
LEGAL NAM	ME OF INVENTOR
Inventor:	Tsukasa Yoshimura Date: 262 / 1 / 1
Signature: _	Tsutrasa Yoshimuho

Attorney Docket No.: Sony Ref. No.: SP369630US00

### DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR MULTIPLE ASSIGNEES

Title of Invention CONTACT LENS AND COMMUNICATION SYSTEM
As the below named inventor, I hereby declare that:
This declaration is directed to:
United States application or PCT international application number PCT/JP2018/043680 filed on 2018/11/28
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.  SONY CORPORATION
WHEREAS, SONY SEMICONDUCTOR SOLUTIONS CORPORATION , with offices at
1-7-1 KONAN, MINATO-KU, TOKYO, 108-0075, JAPAN, 4-14-1 Asahi-cho, Atsugi-shi, Kanagawa, Japan
respectively (hereinafter referred to as ASSIGNEES), are desirous of jointly acquiring 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 consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged. I by these presents do hereby assign, sell and transfer unto said ASSIGNEES, their successors, assigns, and legal representatives, the entire right, title and interest in said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, 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 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 countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue said United States Letters Patent to said ASSIGNEES, as the assignces of the whole right, title and interest thereto;
And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of said ASSIGNEES or their designee(s), as ASSIGNEES or their 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 countries foreign thereto;
And 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 said ASSIGNEES thereof shall hereafter require and prepare at their own expense;
And 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;
And I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.
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.
LEGAL NAME OF INVENTOR
Inventor: FUMIKO SHIGA Date: / ugust 27, 2020
Signature: Tunihi Ivya

**RECORDED: 02/05/2021**