

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
HIROAKI FUJII	09/18/2013
SATOSHI MUKOYAMA	09/18/2013
SOYA ARAKI	09/18/2013
HISANORI TSUBOI	10/03/2013
TAKASHI YAMAMOTO	10/25/2013
HIDETOMO MIYAKE	10/03/2013
RECEIVING PARTY DATA	
Name:	SONY CORPORATION
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:	15062420
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	SONYJP 3.3-3164 CON CON
NAME OF SUBMITTER:	MELINDA C. CORMIER
SIGNATURE:	/Melinda C. Cormier/
DATE SIGNED:	03/08/2016
Total Attachments: 4	

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source=SONYJP 3#page4.tif

ASSIGNMENT

WHEREAS, I, as below named inventors, residing at the addresses stated next to our names, 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
DISPLAY

for which application for Letters Patent of the United States of America was executed by me on the date indicated next to my name and address;

AND WHEREAS, SONY CORPORATION, a Japanese corporation, with offices at 1-7-1 Konan, Minato-ku, Tokyo, Japan (hereinafter referred to as ASSIGNEE) is desirous of 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, as a sole or joint inventor as indicated below, by these presents do hereby assign, sell and transfer unto the said ASSIGNEE, 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 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 the said United States Letters Patent to said ASSIGNEE, as the assignee 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 ASSIGNEE or its assignee, as ASSIGNEE 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 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 the ASSIGNEE thereof shall hereafter require and prepare at its own expense;

And I further agree that ASSIGNEE will, upon its 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.

And I hereby authorize and request my attorney(s) of record in this application to insert the serial number and filing date of this application in the spaces that follow: International Application No.: PCT/JP2012/063344, International Filing Date: 2012/05/24

This assignment executed on the dates indicated below.

HIROAKI FUJII
Name of first or sole inventor
KANAGAWA, JAPAN
Residence of first or sole inventor
Hiroaki Fujii
Signature of first or sole inventor

Execution date of U.S. Patent Application
September 18, 2013
Date of this assignment

SATOSHI MUKOYAMA
Name of second inventor
TOKYO, JAPAN
Residence of second inventor
Satoshi Mukoyama
Signature of second inventor

Execution date of U.S. Patent Application
September 18, 2013
Date of this assignment

SOYA ARAKI
Name of third inventor
KANAGAWA, JAPAN
Residence of third inventor
Soya Araki
Signature of third inventor

Execution date of U.S. Patent Application
September 18, 2013
Date of this assignment

ADDITIONAL INVENTOR(S)

HISANORI TSUBOI
Name of fourth inventor
KANAGAWA, JAPAN
Residence of fourth inventor
Hisanori Tsuboi
Signature of fourth inventor

Execution date of U.S. Patent Application
Oct. 3, 2013
Date of this assignment

HIDETOMO MIYAKE
Name of fifth inventor
KANAGAWA, JAPAN
Residence of fifth inventor
Hidekoms Miyake
Signature of fifth inventor

Execution date of U.S. Patent Application
Oct. 3, 2013
Date of this assignment

Name of sixth inventor
Residence of sixth inventor
Signature of sixth inventor

Execution date of U.S. Patent Application
Date of this assignment

Name of seventh inventor
Residence of seventh inventor
Signature of seventh inventor

Execution date of U.S. Patent Application
Date of this assignment

Name of eighth inventor
Residence of eighth inventor
Signature of eighth inventor

Execution date of U.S. Patent Application
Date of this assignment

Name of ninth inventor
Residence of ninth inventor
Signature of ninth inventor

Execution date of U.S. Patent Application
Date of this assignment

ASSIGNMENT

WHEREAS, I, as below named inventors, residing at the addresses stated next to our names, 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
DISPLAY

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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, as a sole or joint inventor as indicated below, by these presents do hereby assign, sell and transfer unto the said ASSIGNEE, 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 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 the said United States Letters Patent to said ASSIGNEE, as the assignee 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 ASSIGNEE or its designee, as ASSIGNEE 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 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 the ASSIGNEE thereof shall hereafter require and prepare at its own expense;

And I further agree that ASSIGNEE will, upon its 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.

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This assignment executed on the dates indicated below.

<u>HIROAKI FUJII</u> Name of first or sole inventor	_____
<u>KANAGAWA, JAPAN</u> Residence of first or sole inventor	_____
_____	_____
Signature of first or sole inventor	Date of this assignment
<u>SATOSHI MUKOYAMA</u> Name of second inventor	_____
<u>TOKYO, JAPAN</u> Residence of second inventor	_____
_____	_____
Signature of second inventor	Date of this assignment
<u>SOYA ARAKI</u> Name of third inventor	_____
<u>KANAGAWA, JAPAN</u> Residence of third inventor	_____
_____	_____
Signature of third inventor	Date of this assignment

ADDITIONAL INVENTOR(S)

HISANORI TSUBOI
Name of fourth inventor
KANAGAWA, JAPAN
Residence of fourth inventor

Execution date of U.S. Patent Application

Signature of fourth inventor

Date of this assignment

HIDETOMO MIYAKE
Name of fifth inventor
KANAGAWA, JAPAN
Residence of fifth inventor

Execution date of U.S. Patent Application

Signature of fifth inventor

Date of this assignment

TAKESHI YAMAMOTO
Name of sixth inventor
TOKYO, JAPAN
Residence of sixth inventor
Takeshi Yamamoto

Execution date of U.S. Patent Application

25th Oct. 2013
Date of this assignment

Name of seventh inventor

Execution date of U.S. Patent Application

Residence of seventh inventor

Signature of seventh inventor

Date of this assignment

Name of eighth inventor

Execution date of U.S. Patent Application

Residence of eighth inventor

Signature of eighth inventor

Date of this assignment

Name of ninth inventor

Execution date of U.S. Patent Application

Residence of ninth inventor

Signature of ninth inventor

Date of this assignment