502504136

09/20/2013

### PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

**CONVEYING PARTY DATA** 

Name	Execution Date
Kyosuke Yoshida	08/23/2013
Kenji Tanaka	08/23/2013
Yukihiro Nakamura	08/27/2013
Yoshihiro Takahashi	08/23/2013
Kentaro Fukazawa	08/27/2013
Kazumasa Tanaka	08/23/2013

#### 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:	14033069

### CORRESPONDENCE DATA

Fax Number: 2125880500

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: (212) 588-0800 Email: sarjune@flhlaw.com

Correspondent Name: FROMMER LAWRENCE & HAUG Address Line 1: 745 FIFTH AVENUE- 10TH FL. Address Line 4: **NEW YORK, NEW YORK 10151** 

ATTORNEY DOCKET NUMBER:	450100-06782
NAME OF SUBMITTER:	William S. Frommer

**PATENT** 

REEL: 031502 FRAME: 0752

700511860

**2**004/012

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

Title of Invention	IMAGE PROCESSING APPARATUS, IMAGE PROCESSING METHOD, AND PROGRAM
As the below	named inventor, I hereby declare that;
This declarations directed to:	on
The above-ide	United States application or PCT international application number filled on
WHEREAS,	am the original inventor or an original joint inventor of a claimed invention in the application.  SONY CORPORATION , with offices at
acquiring all in	NAN, MINATO-KU, TOKYO, 108-0075, JAPAN (hereinafter referred to as ASSIGNEE), is desirous of necrest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar in which may be granted therefor in the United States and in any and all foreign countries;
legal represent in and to any a any and all pri Convention Re adheres, and a United States:	FORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency perchy acknowledged. I by these presents do hereby assign, sell and transfer unto said ASSIGNEE, its successors, assigns, and actives, the entire right, title and interest in said invention, suid 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 slating to Patents. Designs and Industrial Models, and any other international agreements to which the United States of America of 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 ASSIGNEE, as the assignee of the whole right, title and interest thereto;
remuneration.	agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEE or its ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me and without further in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of es and countries foreign thereto:
atiburanuti tõt	agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for 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 ASSIGNEE, thereof shall hereafter require and prepare at its own expense:
appreament sar	agree that ASSIGNEE wall, upon its request, be provided promptly with all pertinent facts and documents relating to said d invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will same in any interference or litigation related thereto:
And I hereby of this assignment	overnant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with and sale.
I hereby acknownot mot more than f	wledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine of imprisonment of ive (5) years, or both.
LEGAL NAMI	OF INVENTOR
Inventor:h	CYOSUKE YOSHIDA Date: August 23, 2013
Signature: 1	CYOSUKE YOSHIDA

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

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As the below	named inventor. I hereby declare that:
This declaration is directed to:	The attached application, or
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Ubelieve that I WHEREAS,	am the original inventor or an original joint inventor of a claimed invention in the application.  SONY CORPORATION
1-7-1 KO	NAN, MINATO-KU, TOKYO, 108-0075, JAPAN (hereinafter referred to as ASSIGNEE) is designed to
acquiring all is	nterest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar in which may be granted therefor in the United States and in any and all foreign countries:
legal represent in and to any a any and all pro Convention Re adheres, and to United States a Patent to said A	FORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency tereby acknowledged. I by these presents do hereby assign, self and transfer unto said ASSIGNEE, its successors, assigns, and attives, 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 thereo, 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 desiring to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America any other benefits accruing or to accrue to me with respect to the illing 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 ASSIGNEE, as the assignee of the whole right, title and interest thereto;
remuneration,	agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEE or its a SSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me and without further in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of es and countries foreign thereto:
ertal arest areas and areas.	agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters as the granted for my aforesaid invention, as said 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 pertunent 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 co this assignment	ovenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with and sale,
I hereby acknow not more than fi	wledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of ive (5) years, or both,
LEGAL NAME	OF INVENTOR
Inventor: <u>k</u>	CENJITANAKA Date: August 23, 20 (3
Signature:	Kerji Tanaka

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The above-ide	ntified application was made or authorized to be made by me.
WHEREAS,	am the original inventor or an original joint inventor of a claimed invention in the application.  SONY CORPORATION , with offices at
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acquiring all it legal protection	merest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar in which may be granted therefor in the United States and in any and all foreign countries:
legal represent in and to any a any and all pric Convention Re adheres, and to United States a Patent to said A	FORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency tereby acknowledged. I by these presents do hereby assign, sell and transfer unto said ASSIGNEE, its successors, assigns, and atives, 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 claims to Patents, Designs and Industrial Models, and any other international agreements to which the United States of American any other benefits according or to accrue to me with respect to the filing 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 ASSIGNEE, as the assignee of the whole right, title and interest thereto:
the United State	on order to persect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of es and countries foreign thereto;
eshabater setarate 1ear	agree to properly execute and deliver and without further remuneration, such necessary or destrable and lawful papers for foreign patents, for filling subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters ay be granted for my aforesaid invention, as said ASSIGNEE thereof shall hereafter require and prepare at its own expense;
white interest of Series	agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said divention and said Letters Patent and logal equivalents in foreign countries as may be known and accessible to me and will same in any interference or litigation related thereto;
And I bereby activities assignment	overant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with and sale.
I hereby acknow not more than fi	wedge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of ive (5) years, or both.
LEGAL NAME	OF INVENTOR
Inventor, <u>Y</u>	UKIHIRO NAKAMURA Date: August 27, 20/3
Signature:	Yukibera Makamura

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The above-ide	miffed application was made or authorized to be made by me.
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widness man in 2011	agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said discention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will same in any interference or litigation related thereto;
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I hereby acknow not more than f	viedge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of ve (5) years, or both.
LEGAL NAME	OF INVENTOR
Inventor:	OSHIHIRO TAKAHASHI Date: August 23, 2013
Signature:	Joshibiro Jahahashi

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LEGAL NAME	OF INVENTOR
nventor:k	ENTARO FUKAZAWA Done: Qugust 27, 20/3
Signature: <u>1</u>	Gentaro Srukezama

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LEGAL NAME	OF INVENTOR
	LAZUMASA TANAKA Date: August 23 20/3
Signature:	Mayumaxa Innaka

PATENT REEL: 031502 FRAME: 0758

**RECORDED: 09/20/2013**