503205484 03/05/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3252099

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YASUHIDE HYODO	12/09/2014
SHUICHI TAKAHASHI	12/05/2014
SATOSHI SHIOIRI	02/12/2015

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:	14591046

CORRESPONDENCE DATA

Fax Number: (617)646-8646

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: 617-646-8000

Email: patents SonyAdmins@wolfgreenfield.com

Correspondent Name: RANDY J. PRITZKER

Address Line 1: WOLF GREENFIELD & SACKS, P.C.

Address Line 2: 600 ATLANTIC AVE

Address Line 4: BOSTON, MASSACHUSETTS 02210

ATTORNEY DOCKET NUMBER:	S1459.71868US00
NAME OF SUBMITTER:	AMANDA JORDAN
SIGNATURE:	/Amanda Jordan/
DATE SIGNED:	03/05/2015

Total Attachments: 3

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PATENT 503205484 REEL: 035091 FRAME: 0275

Attorney Docket No.: \$1459,71868U\$00 Sony Ref. No.: \$P352\$95U\$00

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 declaration is directed to:	3VI
	United States application or PCT international application number filed on
The above-ide	miffied application was made or authorized to be made by me.
WEEKEAS,	am the original inventor or an original joint inventor of a claimed invention in the application. SONY CORPORATION With offices at
againing all 6	WAN, WINATO-NO, TOKYO, 108-00/5, JAPAN (hereinafter referred to as ASSIGNED) in Aminor C
legal protection	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;
logal represent- in and to any a any and all pric Convention Re- adheres, and to United States a Patem to said A	FORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency perceby acknowledged, I by these presents do hereby assign, sell 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 thereto, which may be granted for said invention, and in and to prity 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 countries accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the additional 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;
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;	
	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 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 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.
***************************************	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
faventor: Y	ASUHIDE HYODO Date: 12/09/2014
Signature:	Gasulid Hesola

PATENT REEL: 035091 FRAME: 0276

Attorney Docket No.: \$1459,71868US00 Sany Ref. No.: \$P352595US00

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 investor, I hereby declare that:	
This decisrati	on Something application, or	
	Critical States application or PCT international application number Bed on	
Tise above-id	ntified application was made or authorized to be made by me.	
WIGGER GAN.	I sur the original inventor or an original joint inventor of a claimed invention in the application. SONY CORPORATION	
acquiring all	merest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar or 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 into said ASSIGNEE, its successors, assigns, and legal representatives, the entire right, title and interest in said invention, taid 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 American adheres, and 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 United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue said United States Datiers 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 in the designer, as ASSIGNEE or its successors, assigns and legal representatives may from time-so-time present to me and without further remaineration, 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 remaneration, 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 ASSIGNEE thereof shall become 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 hitgation 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 bereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or impresonment of not more than five (5) years, or both.		
LEGAL NAME OF INVENTOR		
Insernor SHUICHI TAKAHASHI Done: December 5, 2-0/4		
Signaturi: _	Twich Tokahesh	

PATENT REEL: 035091 FRAME: 0277

Attorney Docket No.: \$1459,71868US00 Sony Ref. No.: \$P352595US00

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

Tiske of Invention	IMAGE PROCESSING APPARATUS, IMAGE PROCESSING METHOD, AND PROGRAM
As the below	named inventor, I hereby declare that:
This declarati	The attached application, or
The above-id	United States application or PCT international application number 14/591,046 filed on January 7, 2015 intified application was made or authorized to be made by me.
I believe that WHEREAS,	I am the original inventor or an original joint inventor of a claimed invention in the application. SONY CORPORATION , with offices at
1-7-1 KONAN, MINATO-KU, TOKYO, 108-0075, 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 sam of One Dollar (\$1.00), and other good and valueble consideration, the receipt and sufficiency of which are hereby acknowledged, I by these presents do hereby assign, self and transfer unto said ASSIGNEE, its 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 therete, 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 Belating 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 filling of applications for patents or securing of patents in the United States and countries foreign thereto, and I hereby antionize and request the Commissioner of Patents to issue said United States 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 remonstration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United Strates and countries foreign thereto;	
And I further agree to properly execute and deliver and without further remonention, such necessary or desimble 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 ASSE/NEE 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.	
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1901 by fine or imprisonment of not more than five (5) years, or both.	
LEGAL NAME OF INVENTOR	
Inventor: Satoshi Shioiri Date: 20/5/2//2	
Signature: _	

RECORDED: 03/05/2015

PATENT REEL: 035091 FRAME: 0278