503400646 07/21/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3447280

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HIDESHI YAMADA	06/12/2015
SHINICHI YOSHIMURA	06/11/2015
MITSUHARU OHKI	06/11/2015
SHUICHI KONAMI	06/15/2015
MASAYUKI TACHI	06/11/2015
HIROTAKA SHINOZAKI	06/11/2015
MAYUKO MARUYAMA	06/16/2015

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:	14762250

CORRESPONDENCE DATA

Fax Number: (202)955-3751

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: 202-955-3750

Email: dcpatentmail@fishmanstewart.com

Correspondent Name: FISHMAN STEWART YAMAGUCHI PLLC

Address Line 1: LION BUILDING

Address Line 2: 1233 20TH STREET N.W., SUITE 501

Address Line 4: WASHINGTON, D.C. 20036

ATTORNEY DOCKET NUMBER:	SON-6242
NAME OF SUBMITTER:	CHRISTOPHER M. TOBIN/KAS
SIGNATURE:	/Christopher M. Tobin/
DATE SIGNED:	07/21/2015

503400646 REEL: 036142 FRAME: 0018

PAIENI

	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 7	
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DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

IMAGE PROCESSING APPARATUS, IMAGE PROCESSING METHOD, AND PROGRAM	
As the below named inventor, I hereby declare that:	
This declaration Solution The attached application, or	
United States application or PCT international application number PCT/JP2014/053481 filed on 2014/02/14	
The above-identified application was made or authorized to be made by me.	
believe that I am the original inventor or an original joint inventor of a claimed invention in the application. WHEREAS, SONY CORPORATION , with office the second of th	es at
1-7-1 KONAN, MINATO-KU, TOKYO, 108-0075, JAPAN (hereinafter referred to as ASSIGNEE), is desired.	
equiring all interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or si egal protection which may be granted therefor in the United States and in any and all foreign countries;	nilar
FOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficing fiving the hereby acknowledged. I by these presents do hereby assign, sell and transfer unto said ASSIGNEE, its successors, assigns again representatives, the entire right, title and interest in said invention, said application, including any divisions and continuations thereof and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in any and all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-Ame Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of Amedians, 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 Inited States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue said United States Leatent to said ASSIGNEE, as the assignee of the whole right, title and interest thereto;	and and to rican erica
and I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEE of esignee, as ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me and without fur emuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Pate to United States and countries foreign thereto:	rther
and I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful paper pplication for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Leatent which may be granted for my aforesaid invention, as said ASSIGNEE thereof shall hereafter require and prepare at its own expense;	tters
and I further agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to optication, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and satify as to the same in any interference or litigation related thereto;	said will
nd I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict its assignment and sale.	with
hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment more than five (5) years, or both.	ıt of
EGAL NAME OF INVENTOR	$\neg \neg \uparrow$
wentor: HIDESHI YAMADA Date: June 12, 2015	
ignature: 1 boldh Junale	

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 declarati	The attached emplication or		
	United States application or PCT international application number PCT/JP2014/053481 filed on 2014/02/14		
The above-ide	entified application was made or authorized to be made by me.		
WHEREAS,			
acquiring all i	NAN, MINATO-KU, TOKYO, 108-0075, JAPAN (hereinafter referred to as ASSIGNEE), is desirous of interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar on which may be granted therefor in the United States and in any and all foreign countries;		
of which are legal represen in and to any any and all pr Convention R adheres, and t United States Patent to said	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 ASSIGNEE, its 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 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 o any other benefits accruing 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;		
designee, as remuneration,	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;		
application for	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 ASSIGNEE thereof shall hereafter require and prepare at its own expense;		
application, sa	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 of this assignment	covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with not 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	IE OF INVENTOR		
Inventor:	SHINICHI YOSHIMURA Date: June 11, 2015		
Signature:	Shinich Morhinga		

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:	the state of the s	
The above-ide	United States application or PCT international application number PCT/JP2014/053481 filed on 2014/02/14 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.	
WHEREAS,	, wan offices at	
acquiring all i	NAN, MINATO-KU, TOKYO, 108-0075, JAPAN (hereinafter referred to as ASSIGNEE), is desirous of interest 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;	
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 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 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 ASSIGNEE, as the assignee of the whole right, title and interest thereto;		
designee, as a 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 tes and countries foreign thereto;	
application for	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;	
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 of this assignment	tovenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with t and sale.	
I hereby ackno- not more than	whedge 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	E OF INVENTOR	
Inventor:	MITSUHARU OHKI Date: Sunc 1, 2015	
Signature:	Mitsuham Ohla	

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 declarati	The assertant and institute and
	United States application or PCT international application number PCT/JP2014/053481 filed on 2014/02/14
The above-ide	entified application was made or authorized to be made by me.
WHEREAS,	I am the original inventor or an original joint inventor of a claimed invention in the application. SONY CORPORATION NAN ADNATO KIL TOKNO 108 0075 JAPAN , with offices at
acquiring all i	NAN, MINATO-KU, TOKYO, 108-0075, JAPAN (hereinafter referred to as ASSIGNEE), is desirous of interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar on which may be granted therefor in the United States and in any and all foreign countries:
of which are I legal represen in and to any any and all pri Convention R adheres, and to United States Patent to said	FORE, 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 ASSIGNEE, its 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 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 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 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 tes and countries foreign thereto;
application for	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 have be granted for my aforesaid invention, as said ASSIGNEE thereof shall hereafter require and prepare at its own expense;
application, sa	agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said id 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 of this assignment	covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with a and sale.
I hereby ackno not more than	whedge 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	E OF INVENTOR
Inventor:	SHUICHI KONAMI Date: June, 15, 2015
Signature:	Shuichi Konami

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 declarati	The attached application, or
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	entified application was made or authorized to be made by me.
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acquiring all i	nterest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar n which may be granted therefor in the United States and in any and all foreign countries;
of which are legal represen in and to any any and all price Convention R adheres, and trunited States Patent to said. And I further designee, as	FORE, 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 ASSIGNEE, its successors, assigns, and satives, 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 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; 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
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And I hereby of this assignment	ovenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with t and sale.
I hereby ackno not more than	wledge 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	E OF INVENTOR
Inventor:	MASAYUKI TACHI Date: Juho 11, 2015
Signature:	Maraph Jach

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
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designee, as a 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 tes and countries foreign thereto;
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I hereby ackno- not more than	whedge 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	E OF INVENTOR
Inventor:	HIROTAKA SHINOZAKI Date: 20/5 / 06 / 1
Signature:	Hirotaka Shinozaki

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 PROGRAM IMAGE PROCESSING APPARATUS, IMAGE PROCESSING METHOD, AND PROGRAM	
As the below named inventor, I hereby declare that:	
This declaration is directed to: The attached application, or	
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The above-identified application was made or authorized to be made by me.	
	vith offices at
1-7-1 KONAN, MINATO-KU, TOKYO, 108-0075, JAPAN (hereinafter referred to as ASSIGNEE), acquiring all interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patelegal protection which may be granted therefor in the United States and in any and all foreign countries;	
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And I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would this assignment and sale.	conflict with
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: MAYUKO MARUYAMA Date: June 16, 24	715
Signature: Many Manyamo	

PATENT REEL: 036142 FRAME: 0026

RECORDED: 07/21/2015