505631623 08/21/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5678429

SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT	
CONVEYING PARTY D	ATA			
		Name	Execution Date	
MARI SAITO			07/18/2019	
HIRO IWASE			07/18/2019	
SHINICHI KAWANO			07/18/2019	
RECEIVING PARTY DA	ТА			
Name:	SONY C			
Street Address:	1-7-1 KC	DNAN		
Internal Address:	MINATO	D-KU		
City:	ΤΟΚΥΟ			
State/Country:	JAPAN			
Postal Code:	1080075	5		
Property Type Application Number: 16		6487456		
Application Number:		6487456		
CORRESPONDENCE D	ΑΤΑ			
Fax Number:	(:	312)803-4960		
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Attorney Docket No.: Sony Ref. No.: SP368864US00

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE INFORMATION PROCESSING APPARATUS AND INFORMATION PROCESSING Title of METHOD Invention As the below named inventor, I hereby declare that: This declaration The attached application, or is directed to: United States application or PCT international application number PCT/JP2017/046505 filed on 2017/12/26 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. WHEREAS, 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 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; 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 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 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 Date: ______ 2019/07/18 MARI SAITO Inventor: SAIT 0 MARZ Signature:

PATENT REEL: 050111 FRAME: 0838

Attorney Dacket No.: Sony Ref. No.: SP368864US00

Title of Invention	INFORMATION PROCESSING APPARATUS AND INFORMATION PROCESSING METHOD	
As the below named inventor, I hereby declare that:		
This declarat is directed to	5 State (1994) A state (19 A state (1994) A stat	
	United States application or PCT international application number PCT/JP2017/046505 filed on 2017/12/26	
The above-id	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 With offices at NAN MINATO KULTOKNO 108 0075 14 DANK	
acquiring all	DNAN, MINATO-KU, TOKYO, 108-0075, JAPAN (hereinafter referred to as ASSIGNEE), is destrous 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 represent in and to any any and all pro- 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 ASSIGNEE, its successors, assigns, and tratives, 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 clating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of American 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 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;	
fesignee, as ensumeration		
con posiciona con	ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me and without for the	
And I forthe opplication fo	ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me and without furthe in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of ates and countries foreign thereto;	
And I further opplication for atent which And I further opplication, s	ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me and without furthe in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent o ales and countries foreign thereto; agree to properly execute and deliver and without further remumeration, 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; agree that ASSIGNEE will, upon its request, he provided promptly with all participant form and decompare counter to apply the provided promptly with all participant form.	
And J furthe pplication for atent which And J further pplication, s estify as to th And J hereby	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 or ales and countries foreign thereto; r agree to properly execute and deliver and without further remumeration, such necessary or desirable and lawful papers for r 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; r agree that ASSIGNEE will, upon its request, he 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 be same in any interference or litigation related thereto; covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict will	
And J furthe pplication for atom which And J further pplication, s estify as to the And J hereby his assignme hereby ackn	r agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for r 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; r agree that ASSIGNEE will, upon its request, he 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; covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict will	
And I further application R Patent which And I further application, s estify as to th And I hereby his assignme hereby ackn to more than	ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me and without furthe in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent c ates and countries foreign thereto; r agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for r foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letter may be granted for my aforesaid invention, as said ASSIGNEE thereof shall hereafter require and prepare at its own expense; r agree that ASSIGNEE will, upon its request, he provided promptly with all pertinent facts and documents relating to sai aid invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will as same in any interference or hitigation related thereto; covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict wit at and sale.	

PATENT REEL: 050111 FRAME: 0839

Attorney Docket No.: Sony Ref. No.: SP368864()S00

Title of Invention	INFORMATION PROCESSING APPARATUS AND INFORMATION PROCESSING METHOD
As the below	named inventor, I hereby declare that
This declarat is directed to	
	United States application or PCT international application number PCT/JP2017/046505 filed on 2017/12/26
The above-id	lentified application was made or authorized to be made by me.
WHEREAS,	1 am the original inventor or an original joint inventor of a claimed invention in the application. SONY CORPORATION NAN, MINATO-KU, TOKYO, 108-0075, JAPAN (hereinaliter referred to as ASSIGNEE) is desirant of
acquiring all	JNAN, 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;
legal represent in and to any any and all p Convention I 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 ASSIGNEE, its 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 io riority rights and/or convention rights under the International Convention for the Protection of Industrial Property. Inter-American Relating 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 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 LASSIGNEE, as the assignee of the whole right, title and interest thereto;
remuneration	r 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
аррисацов и	ates and countries foreign thereto;
ratem which	ares and countries foreign thereto;
And I further application; s	ares and countries foreign mereto; r agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for r foreign patents, for illing subdivisions of said application for patent, and or for obtaining any relevance of constant actions
And I further application, s testify as to d	r agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for or 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; r agree that ASSIGNEE will, upon its 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 the same in any interference or litigation related thereto; covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with
And I furthe: application, s uestify as to d And I hereby this assignme I hereby ackn	r agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for or 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; r agree that ASSIGNEE will, upon its 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 the same in any interference or litigation related thereto; covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with
And I further application, s testify as to d And I hereby this assignme I hereby ackn not more than	r agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for w 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; r agree that ASSIGNEE will, upon its 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 e same in any interference or litigation related thereto; covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with m and sale.

RECORDED: 08/21/2019