PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6058074

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NOBUTAKA SAITOH	09/04/2019
YUKIO TSUCHIYA	01/11/2020
TOSHIYA NAKABAYASHI	09/13/2019

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:	16604676

CORRESPONDENCE DATA

Fax Number: (414)277-0656

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: 414-271-6560

Email: DCipdocket@michaelbest.com

Correspondent Name: MICHAEL BEST & FRIEDRICH LLP (DC)

Address Line 1: 100 E WISCONSIN AVENUE

Address Line 2: **SUITE 3300**

Address Line 4: MILWAUKEE, WISCONSIN 53202

ATTORNEY DOCKET NUMBER:	880001-6520-US01
NAME OF SUBMITTER:	CHRISTOPHER M. TOBIN
SIGNATURE:	/Christopher M. Tobin/
DATE SIGNED:	04/13/2020
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 3

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> **PATENT REEL: 052378 FRAME: 0505**

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PATENT REEL: 052378 FRAME: 0506

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

As the below named inventor, I benchy declare that: This declaration is directed to: The attached application, or Linited States application or PCT insensational application number PCT/JP2018/008237 filed on 2018/03/05 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	Title of Invention	POWER FEED UNIT AND POWER FEEDING METHOD
United States application or PCT international application number PCT/IP2018/008237 filed on 2018/03/05 The above-identified application was made or authorized to be made by me. 1 believe that I sim the original inventor or an original joint inventor of a claimed invention in the application. WHEREAS, SONY CORPORATION	As the below	named inventor, I hereby declare that:
The above-identified application was made or authorized to be made by me. 1 believe that I am the original inventor or an original joint inventor of a claimed invention in the application. WHEREAS, SONY CORPORATION 1-7-1 KONAN, MINATO-KU, TOKYO, 108-0075, JAPAN (Inevenallier referred to as ASSIGNEE), is desirous of acquiring all interest in, to and under and invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the Limted States and in any and all foreign countries; NOW THEREFORE, in consideration of the sum of One Dolfar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I by these presents to hereby assign, sell and transfer unto said ASSIGNEE, its successors, assigns, and legal representatives, the cutire right, title and interest in said invention, and application, including any divisional conventions and in and to any and all Interior right, utile and interest in said invention, and application, including any division, and continuous thereof, and in and to any and all Interior right, utile and interest in said invention. Said applications, including any division, and continuous and continuous for convention right under the International applications for patents and continuous and continuous and continuous and continuous and continuous and continuous and to any other benefits accrating or to accrate to me with respect to the filing of applications for patents or securing of patents in the United States and London and I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEE or its successors, assigns and legal proposentatives 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 de		The attached application, or
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 (thereinafter 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 Dolfar (\$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 accessors, 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 so 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 benefitis accrusing 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 Interest substances and countries foreign thereto; and Interest substances and countries foreign thereto; And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEE or its accessors, assigns and legal representatives may from time-to-time present to me and without further remuneration, in order to perfect title in said invention, prodifications, and improvements in said invention, applications and		(C.1) 31 2018/108237
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 receips and sufficiency of which are hereby acknowledged, I by these presents do bereby assign, sell and transfer unto said ASSIGNEE, its successors, assigns, and legal representatives, the entire right, title and interest is said invention, asid application, including any divisious and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may genated for said invention, and in and to any and all priority rights and/or convention rights under the Instrustional Convention for the Protection of Industrial Property, Inter-American Convention Relating to Prateins, Designs and Industrial Models, and any other international agreements to which the United States of American adheres, and to any other beachis secrating or to accrue to me with respect to the filling of applications for patents or accurring 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 lawful future documents, including assignments in favor of ASSIGNEE or its adesignee, as ASSIGNEE and its analysis 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 in order to perfect title in said invention, as said ASSIGNEE infereof shall hereafter require and prepare a	The above-ide	mified application was made or authorized to be made by me.
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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 bereafter require and prepare at its own expense; And I further agree that ASSIGNEE will, upon its request, be provided promptly with all perturent 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 Inventor: NOBUTAKA SAITOH	legal represent in and to any and all preconting Radheres, and the United States	nercoy 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 ority rights and/or convention trights under the International Convention for the Protection of Industrial Property, Inter-American stating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of American any other benefits accraining 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 have a substitute I states.
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, he 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, saic, 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. 1601 by fine or imprisonment of sou more than five (3) years, or both. LEGAL NAME OF INVENTOR Inventor: NOBUTAKA SAITOH Date: 20 4 4	remuneration,	ASSIGNATE 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
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 (3) years, or both. LEGAL NAME OF INVENTOR. Inventor: NOBUTAKA SAITOH Date: 2019/9/4	appucauon to	levelen patents, but filling subdivisions of said similication for natent, and are the obtaining any religious or releases of any lattices.
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LEGAL NAME OF INVENTOR Inventor: NOBUTAKA SAITOH Date: 20 9 / 9 / 4	And I hereby this assignmen	ovenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with it and sale.
Inventor: NOBUTAKA SAITOH Date: 2019/9/4	I hereby acknown more than	pyledge 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
Signature: No bytaka Sai tol	Inventor:	NOBUTAKA SAITOH Date: 2019/9/4
	Signature:	Nubutaka Sai tel

PATENT REEL: 052378 FRAME: 0507

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	POWER FEED UNIT AND POWER FEEDING METHOD
As the below	named inventor, I hereby declare that:
This declarati	The attached application, or
	United States application or PCT international application number PCT/JP2018/008237 iiled on 2018/03/05
	entified application was made or authorized to be made by me.
	I am the original inventor or an original joint inventor of a claimed invention in the application. SONY CORPORATION , with offices at
	NAN, MINATO-KU, TOKYO, 108-0075, JAPAN (hereinafter referred to as ASSIGNEE), is desirous of
acquiring all i legal protection	merest in, to and under said investion, 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 Readberes, and to United States	PORE, 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 communitions 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 of any other henefits 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;
designee, as 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 Parem of ites and countries foreign thereto:
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application, s	agree that ASSIGNEE will, upon its request, be 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 assume in any interference or litigation related thereto;
And I hereby this assignmen	coveriant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with at and sale.
I hereby ackn not more than	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 NAN	LE OF INVENTOR
Inventor:	TOSHIYA NAKABAYASHI Date: 2019 / 9 /13
Signature:	Zoshiya NaKabayoshi

PATENT REEL: 052378 FRAME: 0508

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 POWER FEED UNIT AND POWER FEEDING METHOD	
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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 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 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 Letter Patent to said ASSIGNEE, as the assignee of the whole right, title and interest thereto;	d d o n a
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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 conflict wit this assignment and sale.	h
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: YUKIO TSUCHIYA Date: Zo 20, /, //	
Signature: Yukio Tsuchiya	

PATENT REEL: 052378 FRAME: 0509

RECORDED: 04/13/2020