PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YURI NAKAYAMA	02/17/2015
HIROYUKI MORIOKA	02/20/2015
HIDEKI KAWASAKI	03/06/2015

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:	14438199

CORRESPONDENCE DATA

Fax Number: (703)379-8955

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: 7035398787

Email: us@hazuki-pat.com HAZUKI IP LAW **Correspondent Name:**

Address Line 1: 11325 RANDOM HILLS ROAD

Address Line 2: SUITE 220

Address Line 4: FAIRFAX, VIRGINIA 22030

ATTORNEY DOCKET NUMBER:	SP350257US00
NAME OF SUBMITTER:	STEVEN M. KIRKWOOD
SIGNATURE:	/Steven M. Kirkwood/
DATE SIGNED:	04/24/2015
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 3

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PATENT REEL: 035494 FRAME: 0639

Attorney Ducket Na.: Sony Ref. No.: SP3S0257US00

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 ALUMINUM SECONDARY BATTERY AND ELECTRONIC DEVICE Invention		
As the below named inventor, I hereby declare that:		
The same transfer and		
This declaration is directed an The attached application, or		
United States application or PCT international application number PCT/JP2013/077498		
West on		
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	c	
1-7-1 KONAN, MINATO-KU, TOKYO, 108-0075, JAPAN (hereinelber seferred to an ASSIGNEE), is	hoffices at	
acquiring all interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Paten	Con comitae	
legal processon which may be granted therefor in the United States and in any and all fireign countries.	e-1010 - 200000000000	
NOW THEREFORE, in consideration of the sum of One Dollar (\$1.99), and other good and valuable consideration, the receipt and sufficiency of which are bereby 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, and 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 suprements 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 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 accessory or desirable and lawful future documents, including assignments in favor of ASSIG designee, as ASSIGNEE or its successors, assigns and legal representatives may first time-to-time present to me and with remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letter the United States and constros foreign themse:	out firther	
And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful application for fureign patents, for filling subdivisions of said application for patent, and or, for obtaining any reissue or reissues of Patent which may be granted for my aforesaid invention, as said ASSIGNEE thereof shall be cafter require and prepare at its own ex	sav Letters	
And I further agree that ASSIGNEE will, again its request, be provided promptly with all pertinent facts and documents relating application, said invention and said Letters Prints and legal equivalents in furrigh countries as may be known and accessible to a testify as to the same in any interference or litigation related therein;	og to said is and will	
And I hersby coverient that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would ex- this assignment and sale.	mflict with	
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or impri- act more than five (S) years, or both.	somment of	
LEGAL NAME OF INVENTOR		
Inventor: YURI NAKAYAMA Date 1/2/2014/1/2 / / / 2	015	
regnature: Jaio plakar	- Vanar	

PATENT REEL: 035494 FRAME: 0640

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	ALUMINUM SECONDARY BATTERY AND ELECTRONIC DEVICE	
As the below	named inventor, I hereby declare that:	
This declarati	on The attached application, or	
	United States application or PCT international application number PCT/JP2013/077498 filed on 2013/10/09	
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	
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;	
of which are legal represent in and to any any and all pr Convention R adheres, and t United States	FORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency increby acknowledged. I by these presents do hereby assign, sell and transfer unto said ASSIGNEE, its successors, assigns, and latives, 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 only 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 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 assignce 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		
Inventor:	Hideki Kawasaki Date: March 6, 20/5	
Signature:	18 ldeki kawasaki	

PATENT REEL: 035494 FRAME: 0641

Atterney Docket No.: Sony Ref. No.: SP350257US00

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	ALUMINUM SECONDARY BATTERY AND ELECTRONIC DEVICE	
As the below	named inventor, I hereby declare that:	
This declared is directed to	3 What and the dament and the same and	
	United States application or PCY international application number PCT/3P2013/077498 filed on2013/10/09	
The above id	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	
mountain me	SONY CORPORATION , with offices at the solution of the solution of the solution and the solution as ASSIGNEE), is desirable of solutions and the solution and investion, said application disclosing the invertion and in, to and under any Letters Patent or similar.	
	on which that be granted therefor in the United States and many and all foreign countries;	
of which are legal represent in and to say any and all p Convention I adjectes, 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, self and transfer anto said ASSIGNEE, its successors, assigns, and natives, the entire right, title and interest in said invention, and 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 iterity rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American belating to Patents. Designs and Industrial Models, and any other international agreements to which the United States of America to any other benefits accrating or to accrate in the 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 ASSIGNIEE, as the assignoe 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 remaneration, such necessary or desirable and lawful papers for application for foreign potents, 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 alterested invention, as said ASSKINEE thereof shall because and prepare at its own expense;		
And I further agree that ASSIGNEE will, upon its respect, he provided promptly with all portinent facts and deconstate relating to said application, said invention and said Latters Petent and legal regulvalents in foreign countries as may be known and accessible to me and will testify as in the sainc in any interference or litigation related thereto;		
And I hereby coverant that no assignment, sale, agreement or encambrance has been as will be made or entered into which would conflict with this assignment and sale.		
	owledge that any willful false statement made in this declaration is posishable under 18 U.S.C. 100) by fine or imprisonment of five (5) years, or both.	
LEGAL WASHE OF INVENTOR		
Invenior: HIROYUKI MORIOKA		
Signature:	Dangele Mariole	

PATENT REEL: 035494 FRAME: 0642

RECORDED: 04/24/2015