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PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Teisuke Kishikawa	05/02/2013

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:	13898505

CORRESPONDENCE DATA

Fax Number: 2029553751

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 202-955-3750

Email: nsu@raderfishman.com

Correspondent Name: RADER FISHMAN & GRAUER PLLC

Address Line 1: LION BUILDING

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

Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20036

ATTORNEY DOCKET NUMBER:	SON-5443
NAME OF SUBMITTER:	Christopher M. Tobin
Signature:	/Christopher M. Tobin/
Date:	05/21/2013
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 1 source=DC567598#page1.tif

PATENT

REEL: 030453 FRAME: 0429

Attorney Docket No.: SON-5443 Sony Ref. No.: SP344526US00

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	DISPLAY DEVICE, IMAGING DEVICE AND GRAY LEVEL VOLTAGE GENERATION CIRCUIT
As the below	named inventor, I hereby declare that:
This declarati	on The attached application, or
notification and the state of t	United States application or PCT international application number filed on
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
1-7-1 KO	NAN, MINATO-KU, TOKYO, 108-0075, JAPAN (hereinafter referred to as ASSIGNEE), is desirous of
acquiring all is	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;
legal represent in and to any a any and all pri Convention Re adheres, and to United States a Patent to said /	FORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency lereby acknowledged, I by these presents do hereby assign, sell and transfer unto said ASSIGNEE, its successors, assigns, and atives, the entire right, title and interest in said invention, said application, including any divisions and continuations thereof, 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 lating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America 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 assignments in favor of 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 estand countries foreign thereto;
And I further agree to properly execute and deliver and without further renumeration, 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 a application, said	agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will same in any interference or litigation related thereto;
And I hereby co	evenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with
I hereby acknow not more than fi	viedge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of ve (5) years, or both.
LEGAL NAME	OF INVENTOR
Inventor: T	EISUKE KISHIKAWA Date: May 2, 2013
Signature:	eisuke Kishikawa

PATENT REEL: 030453 FRAME: 0430

RECORDED: 05/21/2013