

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
MANABU TAMURA		12/20/2013
RECEIVING PARTY DATA		
Name:	ALPS GREEN DEVICES CO., LTD.	
Street Address:	1-7 Yukigaya-otsukamachi, Ota-ku	
City:	Tokyo	
State/Country:	JAPAN	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	14137377	
CORRESPONDENCE DATA		
Fax Number:	(408)255-8002	
Phone:	408-255-8001	
Email:	mpascual@beyerlaw.com	
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>		
Correspondent Name:	BEYER LAW GROUP LLP	
Address Line 1:	P.O BOX 1687	
Address Line 4:	CUPERTINO, CALIFORNIA 95015	
ATTORNEY DOCKET NUMBER:	AGD1P047	
NAME OF SUBMITTER:	MASAKO ANDO	
Signature:	/Masako Ando/	
Date:	12/20/2013	
Total Attachments: 2 source=AGD1P047_Assignment#page1.tif source=AGD1P047_Assignment#page2.tif		

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PATENT

ASSIGNMENT

WHEREAS, Manabu TAMURA, hereinafter called the "Assignor", have made the invention described in the United States patent application entitled CURRENT SENSOR

executed by Assignor on the same date as this Assignment;

WHEREAS, ALPS GREEN DEVICES CO., LTD., a corporation organized and existing under the laws of Japan, having a place of business at 1-7 Yukigaya-otsukamachi, Ota-ku, Tokyo, Japan, hereinafter called the "Assignee", desires to acquire the entire right, title and interest in and to the invention and the patent application identified above, and all patents which may be obtained for said invention, as set forth below;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other valuable and legally sufficient consideration, the receipt of which by the Assignor from the Assignee is hereby acknowledged, the Assignor have sold, assigned and transferred, and by these presents do sell, assign and transfer to the Assignee, the entire right, title and interest for the United States in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents therefor in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications and patents defined above; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

The Assignor hereby covenant and agree, for both the Assignor and the Assignor's legal representatives, that the Assignor will assist the Assignee in the prosecution of the patent application identified above; in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; in vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or any such patent application or patent; and that the Assignor will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignor has executed this agreement.

DATE: December 20, 2013

Manabu Tamura
Inventor: Manabu TAMURA

WITNESSED:

DATE: December 20, 2013

Takao Ishikawa

DATE: December 20, 2013

Takahiro Taoka