# 502564982 11/11/2013

## PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

## **CONVEYING PARTY DATA**

Name	Execution Date	
MANABU TAMURA	10/30/2013	

## **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:	14077020			

## **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	AGD1P045
NAME OF SUBMITTER:	MASAKO ANDO
Signature:	/Masako Ando/
Date:	11/11/2013

Total Attachments: 2

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**PATENT** 

502564982 REEL: 031578 FRAME: 0952

### ASSIGNMENT

WHEREAS,		Manabu Tamuka				hereinafter called the				
"Assignor",	have	made	the	invention	described	in	the	United	States	patent
application entitled			CURRENT SENSOR					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	***************************************	
executed by				me date as						***************************************

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.

PATENT REEL: 031578 FRAME: 0953 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: October 30, 2013	monaly Tamura
WITNESSED:	Inventor: Manabu TAMURA
DATE:	Hen Mateu
DATE:	majatothi nomura

PATENT REEL: 031578 FRAME: 0954

**RECORDED: 11/11/2013**