## 502237362 02/20/2013

## PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date	
Kazuhito OSHITA	01/21/2013	

## **RECEIVING PARTY DATA**

Name:	ALPS ELECTRIC CO., LTD.			
Street Address:	1-7 Yukigaya-otsukamachi, Ota-ku			
City:	Tokyo			
State/Country:	JAPAN			

## PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13772132

# **CORRESPONDENCE DATA**

Fax Number: 4082558002

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

Phone: 408-255-8001

Email:mpascual@beyerlaw.comCorrespondent Name:Beyer Law Group LLP

Address Line 1: P.O Box 1687

Address Line 4: Cupertino, CALIFORNIA 95015

ATTORNEY DOCKET NUMBER:	ALPSP461
NAME OF SUBMITTER:	Masako Ando

Total Attachments: 2

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PATENT REEL: 029843 FRAME: 0803 CH \$40,00 137721

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#### ASSIGNMENT

WHEREAS,				Kazuhito OSHITA			**********	hereinafter called the			
"Assignor",	have	made	the	invention	describ	ed in	the	United	States	patent	
application entitled											
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WHEREAS, ALPS ELECTRIC 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: 029843 FRAME: 0804 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: January 21, 2013

<u> Alguluti Ulite</u>

WITNESSED:

DATE: January 21, 2013

DATE: January 21, 2013

Lines Hrytaka Jeki Dielei

> PATENT REEL: 029843 FRAME: 0805

**RECORDED: 02/20/2013**