# 502694650 02/25/2014

### PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2741255

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date	
TADAAKI ONISHI	02/17/2014	
YOSHIO SUGIMORI	02/17/2014	

#### 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:	14186639

### CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	ALPSP474	
NAME OF SUBMITTER:	MASAKO ANDO	
Signature:	/Masako Ando/	
Date:	02/25/2014	

Total Attachments: 2

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PATENT REEL: 032291 FRAME: 0712

## ASSIGNMENT

WHEREAS,		ONISHI			SUGIMOR	Ι
hereinafter called the "A						
States patent application	entitled				<del>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</del>	
COVER STRUCTU						
executed by Assignors on	the same da	te as this a	Assign	ment;		

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 Assignors from the Assignee is hereby acknowledged, the Assignors 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 Assignors hereby covenant and agree, for both the Assignors and the Assignors' legal representatives, that the Assignors 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 Assignors 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: 032291 FRAME: 0713 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 Assignors have executed this agreement.

DATE:	February 17, 2014	Tadaaki Onishi
		Inventor: Tadaaki ONISHI
WITNES	SED:	
DATE:	February 17, 2014	Stor Megli
DATE:	February 17, 2014	Notice Tanka.
DATE:	February 17, 2014	Yoshio Sayimuri
		Inventor: Yoshio SUGIMORI
WITNES	SED:	
DATE:	February 17, 2014	Tatsuo Solto
DATE:	February 17, 2014	<u> Yushikiyo Watanale</u>
		The state of the s
DATE:		
Dixin.		Inventor:
WITNES	SED:	
DATE:		
DATE:		

PATENT REEL: 032291 FRAME: 0714

RECORDED: 02/25/2014