501790577 01/18/2012

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
Kisei HIROBE	01/12/2012	
Junichi SAITO	01/12/2012	

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:	13353213

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: ALPSP432

NAME OF SUBMITTER: Masako Ando

Total Attachments: 2

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PATENT REEL: 027555 FRAME: 0455 H \$40,00 133532

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ASSIGNMENT

WHEREAS,	VISET HIKC	/BE and	Onurcut	SALTO	
hereinafter called the "Ass	ignors", have ma	de the in			
States patent application e	ntitled				
	TANT-VOLTAGE			······································	::::::::::::::::::::::::::::::::::::::
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executed by Assignors on the same date as this Assignment;

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 Dellar (\$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 Assigners 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: 027555 FRAME: 0456 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:	January 12,2012	kisei Hirobe
**** ** ** *****		Inventor: Kisei HIROBE
WITNES	SED:	
DATE:	January 12,2012	Nobraki Haga
DATE:	January 12,2012	Your Kotera
DATE:	January 12,2012	Jemilni Saite
WITNES	SSED:	Inventor: Junichi SAITO
DATE:	January 12,2012	Nobrahi Haga
DATE:	January 12,2012	Nobraki Hoga Yasare Kotera
DATE:		
WITNES	SSED	Inventor:
DATE:		
DATE:		

PATENT REEL: 027555 FRAME: 0457

RECORDED: 01/18/2012