PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
Zenko MOTOKI	02/03/2010	
Minoru SATO	02/03/2010	
Hitoshi FUNAKI	02/03/2010	
Keigo WAKANA	02/03/2010	

RECEIVING PARTY DATA

Name:	ALPS ELECTRIC CO., LTD.	
Street Address:	1-7 Yukigaya-Otsukamachi, Ota-ku	
City:	Tokyo	
State/Country:	JAPAN	
Postal Code:	145-8501	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	12722957	

CORRESPONDENCE DATA

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NAME OF SUBMITTER:	Daniel G. Vivarelli, Jr.

Total Attachments: 3

PATENT REEL: 024073 FRAME: 0567 \$40.00

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ASSIGNMENT

	WHEREAS,	Zenko	Motoki,	Minoru	Sato,	Hitoshi	Funaki	and	
Keigo V	Vakana						,		
hereinafte	er called the ".	Assignor	s", have	made th	e inver	ntion desc	ribed in	the	United
States par	tent applicatio	n entitle	d <u>Prin</u>	ter and	method	d of adjı	ısting		
conveyir	ng distance o	of recor	ding sh	eet					
executed l	by Assignors o	n the sar	ne date a	as this A	ssignm	ent;			

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.

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 3,2010	Bonko motoku
		Inventor: Zenko Motoki
WITNES	SED:	
DATE:	February 3,2010	Junja hakazono
DATE:	February 3,2010	Ju Watanabe
DATE:	February 3,2010	Minon Sato
		Inventor: Minoru Sato
WITNES	SED:	
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DATE:	February 3,2010	Junja Nakozono Ju Watanabe
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		Inventor: Hitoshi Funaki
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DATE:	February 3,2010	Junger Raheyono
DATE:	February 3,2010	In Watanabe

DATE:	February 3,2010	Reigo Wakana
		Inventor: Keigo Wakana
WITNES	SSED:	
DATE:	February 3,2010	Junya Rahageno In Watanale
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RECORDED: 03/12/2010