

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Hideto Ando</td> <td>02/21/2007</td> </tr> <tr> <td>Hideki Gochou</td> <td>02/21/2007</td> </tr> <tr> <td>Motoki Hirayama</td> <td>02/21/2007</td> </tr> </tbody> </table>		Name	Execution Date	Hideto Ando	02/21/2007	Hideki Gochou	02/21/2007	Motoki Hirayama	02/21/2007		
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Motoki Hirayama	02/21/2007										
RECEIVING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Alps Electric Co., Ltd.</td> </tr> <tr> <td>Street Address:</td> <td>1-7 Yukigaya-otsukamachi, Ota-ku</td> </tr> <tr> <td>City:</td> <td>Tokyo</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>145-8501</td> </tr> </table>		Name:	Alps Electric Co., Ltd.	Street Address:	1-7 Yukigaya-otsukamachi, Ota-ku	City:	Tokyo	State/Country:	JAPAN	Postal Code:	145-8501
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
<p>Fax Number: (312)321-4299</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 3123214200</p> <p>Email: mcalderon@brinkshofer.com</p> <p>Correspondent Name: Gustavo Siller, Jr.</p> <p>Address Line 1: Brinks, Hofer, Gilson & Lione</p> <p>Address Line 2: P.O. Box 10395</p> <p>Address Line 4: Chicago, ILLINOIS 60611</p>											
ATTORNEY DOCKET NUMBER:	9281-5474										
NAME OF SUBMITTER:	Gustavo Siller, Jr.										
<p>Total Attachments: 3</p> <p>source=9281-5474Assignment#page1.tif</p>											

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RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below:

1. Name of conveying Party(ies): HIDEITO ANDO/FEBRUARY 21, 2007 HIDEKI GOCHOU/FEBRUARY 21, 2007 MOTOKI HIRAYAMA/FEBRUARY 21, 2007 Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		2. Name and Address of receiving Party(ies): Name: ALPS ELECTRIC CO., LTD. Street Address: 1-7 Yukigaya-otsukamachi, Ota-ku City: Tokyo Country: Japan Zip: 145-8501 Additional name(s) and addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of Conveyance/Execution Date(s): Execution Date(s): <u>February 21, 2007</u> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other: _____			
4. Application or Patent Number(s). <input type="checkbox"/> This document is being filed together with a new application. A. Patent Application No.(s): 11/679,015 B. Patent No.(s): Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
5. Name and address of party to whom correspondence concerning document should be mailed: BRINKS HOFER GILSON & LIONE PO BOX 10395 CHICAGO, IL 60610 Phone: (312) 321-4200 Fax: (312) 321-4299		6. Total no. of applications & patents involved: 1 7. Total Fee (37 CFR 1.21(h) & 3.41) \$ 40.00 <input type="checkbox"/> Authorize charge by credit card <input checked="" type="checkbox"/> Authorize charge to Deposit Account No. 23-1925 <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title) 8. Payment Information: a. <input type="checkbox"/> Credit Card: Last 4 Numbers _____ Expiration Date _____ b. <input checked="" type="checkbox"/> Charge fee and/or any Deficiencies to Deposit Account Number 23-1925 Authorized User Name: Brinks Hofer Gilson & Lione	
9. Signature: <u>/Gustavo Siller, Jr./</u> _____ Signature <u>Gustavo Siller, Jr.</u> Name of Person Signing		<u>June 5, 2009</u> Date Total no. of pages including coversheet, attachments and documents: <u>3</u>	

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
 Mail Stop Assignment Recordation Services, Director of the USPTO, PO Box 1450, Alexandria, VA 22313-1450

ASSIGNMENT

WHEREAS, Hideto Ando, Hideki Gochou and Motoki Hirayama

hereinafter called the "Assignors", have made the invention described in the United States patent application entitled MAGNETIC DETECTION DEVICE HAVING BRIDGE CIRCUIT PROVIDED WITH RESISTANCE ADJUSTMENT PORTION AND METHOD OF MANUFACTURING THE SAME

executed by Assignors on the same date as, or on a date prior to, 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, Otsuka-cho, Ota-ku, in 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; together with the right to recover all damages, including, but not limited to, a reasonable royalty, by reason of past, present, or future infringement or any other violation of patent or patent application rights; 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 21, 2007

Hideteto Ando
Inventor: Hideto Ando

WITNESSED:

DATE: February 21, 2007

Nobuhiko Hayashi

DATE: February 21, 2007

Takashi Sato

DATE: February 21, 2007

Hideki Gochou
Inventor: Hideki Gochou

WITNESSED:

DATE: February 21, 2007

Nobuhiko Hayashi

DATE: February 21, 2007

Takashi Sato

DATE: February 21, 2007

Motoki Hirayama
Inventor: Motoki Hirayama

WITNESSED:

DATE: February 21, 2007

Nobuhiko Hayashi

DATE: February 21, 2007

Takashi Sato

DATE: _____

Inventor: _____

WITNESSED:

DATE: _____

DATE: _____
