

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Tadashi Sano	05/07/2010
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:	12780427
CORRESPONDENCE DATA	
Fax Number:	(321)321-4299
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	3123214200
Email:	mcalderson@brinkshofer.com
Correspondent Name:	Gustavo Siller, Jr.
Address Line 1:	Brinks, Hofer, Gilson & Lione
Address Line 2:	P.O. Box 10395
Address Line 4:	Chicago, ILLINOIS 60610
ATTORNEY DOCKET NUMBER:	9281-5737
NAME OF SUBMITTER:	Gustavo Siller, Jr.
Total Attachments: 3 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif	

CH \$40.00 12780427

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):

TADASHI SANO / MAY 07, 2010

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No**3. Nature of Conveyance/Execution Date(s):**Execution Date(s): May 07, 2010

- | | |
|---|---|
| ☒ Assignment | ☐ Merger |
| ☐ Security Agreement | ☐ Change of Name |
| ☐ Joint Research Agreement | |
| ☐ Government Interest Assignment | |
| ☐ Executive Order 9424, Confirmatory License | |
| ☐ Other: _____ | |

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:

Additional name(s) and addresses attached? ☐ Yes ☒ No**4. Application or Patent Number(s).**☐ This document is being filed together with a new application.

A. Patent Application No.(s):

B. Patent No.(s):

Additional numbers attached? ☐ Yes ☒ 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**

- ☐ Authorize charge by credit card
☒ Authorize charge to Deposit Account No. 23-1925
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information:

- a. ☐ Credit Card: Last 4 Numbers
Expiration Date
- b. ☒ Charge fee and/or any Deficiencies to Deposit
Account Number 23-1925
Authorized User Name: Brinks Hofer Gilson & Lione

9. Signature:/Gustavo Siller, Jr./

Signature

Gustavo Siller, Jr.

Name of Person Signing

May 14, 2010

Date

Total no. of pages including coversheet, attachments and documents: 3

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, Tadashi Sano, hereinafter called the "Assignor", have made the invention described in the United States patent application entitled Multi-rotation angle detection device

executed by Assignor 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 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.

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: May 7, 2010

Tadashi Sano

Inventor: Tadashi Sano

WITNESSED:

DATE: May 7, 2010

Taiga Tamegai

DATE: May 7, 2010

Kazuhiko Uta

PATENT

RECORDED: 05/14/2010

REEL: 024388 FRAME: 0404