

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Tadashi Sano	04/23/2009
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:	12436346
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	9281-5691
NAME OF SUBMITTER:	Gustavo Siller, Jr.
Total Attachments: 3 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif	

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PATENT
REEL: 022646 FRAME: 0476

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 / APRIL 23, 2009

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No**3. Nature of Conveyance/Execution Date(s):**Execution Date(s): April 23, 2009

- | | |
|---|---|
| <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: _____ | |

2. Name and Address of receiving Party(ies):

Name: ALPS ELECTRIC CO., LTD.
 Street Address: 1-7 Yukigaya-otsukamachi, Ota-ku,
 City: Tokyo
 State: Japan

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**

- ☐ 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 06, 2009

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", has made the invention described in the United States patent application entitled ROTARY ANGLE DETECTING DEVICE

executed by Assignor 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-otsukamachi, 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 Assignor from the Assignee is hereby acknowledged, the Assignor has 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 Assignor hereby covenants and agrees, 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:

April 23, 2009

Tadashi Sano

Inventor: Tadashi Sano

WITNESSED:

DATE:

April 23, 2009

Kazuhiko Ito

DATE:

April 23, 2009

Tajima Tanegai