PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
Ayumu Anzai	07/16/2009	
Takashi Sato	07/16/2009	

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:	12534528

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	9281-5704	
NAME OF SUBMITTER:	Gustavo Siller, Jr.	

Total Attachments: 3

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> PATENT REEL: 023043 FRAME: 0672

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Client/Matter No. 9281-5704

RECORDATION FORM COVER SHEET PATENTS ONLY		
To the Director of the U.S. Patent and Trademark Office: Please	e record the attached documents or the new address(es) below:	
1. Name of conveying Party(ies):	2. Name and Address of receiving Party(ies):	
AYUMU ANZAI / JULY 16, 2009 TAKASHI SATO / JULY 16, 2009	Name: ALPS ELECTRIC CO., LTD.	
	Street Address: 1-7 Yukigaya-otsukamachi, Ota-ku	
Additional name(s) of conveying party(ies) attached? Yes No	City: Tokyo	
3. Nature of Conveyance/Execution Date(s):		
Execution Date(s): July 16, 2009 Assignment Merger	Country: Japan Zip:	
Security Agreement Change of Name Joint Research Agreement Government Interest Assignment Executive Order 9424, Confirmatory License Other:	Additional name(s) and addresses attached? ☐ Yes ☒ No	
4. Application or Patent Number(s).	nent is being filed together with a new application.	
A. Patent Application No.(s):	B. Patent No.(s):	
Additional numbers atta	pohod2 🗆 Vaa 🕅 Na	
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total no. of applications & patents involved: 1	
	7. Total Fee (37 CFR 1.21(h) & 3.41) \$ 40.00	
BRINKS HOFER GILSON & LIONE PO BOX 10395 CHICAGO, IL 60610	 ☐ Authorize charge by credit card ☐ Authorize charge to Deposit Account No. 23-1925 ☐ Enclosed ☐ None required (government interest not affecting title) 	
Phone: (312) 321-4200	8. Payment Information:	
Fax: (312) 321-4299	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./	August 03, 2009	
Signature	Date	
Gustavo Siller, Jr. Name of Person Signing	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

PATENT

REEL: 023043 FRAME: 0673

ASSIGNMENT

WHEREAS,	Ayumu	Anzai	and	Takashi	Sato

hereinafter called the "Assignors", have made the invention described in the United States patent application entitled Push-type switch device

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 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.

PATENT REEL: 023043 FRAME: 0674 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:	July 16, 2009	Ayumu Arzai
WITNES	SSED:	Inventor: Ayumu Anzai
DATE:	July 16,2009	Massei momiyama
DATE:	July 16,2009	Massei Momiyama Ochiro Moguchi
DATE:	<u> July 16,2009</u>	Takashi Sato
WITNESS		Inventor: Takashi Sato
DATE:	July 16,2009	Masali Momissama
DATE: _	July 16,2009	Masaei Mominjama Ichiro Moguchi
•		
DATE: _		
WITNESS	ED:	Inventor:
DATE: _		
DATE: _		

PATENT REEL: 023043 FRAME: 0675

RECORDED: 08/03/2009