# PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
Kazumasa Nishimura	11/22/2007
Ryo Nakabayashi	11/22/2007
Naoya Hasegawa	11/22/2007
Masamichi Saito	11/22/2007
Yosuke Ide	11/28/2007
Masahiko Ishizone	11/22/2007

### **RECEIVING PARTY DATA**

Name:	Alps Electric Co., Ltd.	
Street Address:	1-7 Yukigaya, Otsuka-cho, Ota-ku	
City:	Tokyo	
State/Country:	JAPAN	

### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11947315

## **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	9281-5580
NAME OF SUBMITTER:	Gustavo Siller, Jr.

PATENT REEL: 020178 FRAME: 0100

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> PATENT REEL: 020178 FRAME: 0101

Clie	Client/Matter No. 9281-5580				
	RECORDATION FORM COVER SHEET PATENTS ONLY				
	To the Director of the U.S. Patent and Tr			uments or the new address(es) belo	w:
1.				ress of receiving Party(ies):	
	KAZUMASA NISHIMURA/NOVEM RYO NAKABAYASHI/NOVEMBI		Name:	ALPS ELECTRIC CO., LTD.	
	NAOYO HASEGAWA/NOVEMBI MASAMICHI SAITO/NOVEMBE	ER 22, 2007	Street Address:	1-7 Alps Electric Co., Ltd.	
	YOSUKE IDE/NOVEMBER 2 MASAHIKO ISHIZONE/NOVEMB	22, 2007	City:	Tokyo	
Δda	litional name(s) of conveying party(ies	\ attached?	Country:	Japan	
Aut	anonai name(s) of conveying party(les	, allacheu :	Additional name(s) and	d addresses attached? 🗌 Yes 🔯 🛚	No
	☐ Yes ⊠ No				
	Nature of Conveyance: ecution Date(s):November 22, 2007				
		☐ Change of Name	☐ Executi	ive Order 9424, Confirmatory Lic	ense
	Security Agreement	☐ Merger	☐ Joint R	esearch Agreement	
	Government Interest Assignment	Other			
Α.		dditional numbers atta	B. Patent No.(s)  ached? ☐ Yes ⊠ No	ther with a new application.	
5.	Name and address of party to who		6. Total number of a	oplications and patents involved:	1
	dence concerning document should be mailed: BRINKS HOFER GILSON & LIONE P.O. BOX 10395 CHICAGO, IL 60610		7. Total Fee (37 CF	R 1.21(h) & 3.41)	\$ <u>40</u>
	(312) 321-4200 (312) 321-4299 Fax		Authorized to be of Enclosed	charged to Deposit Acct. No. 23-	
			<ul><li>8. Payment Information</li></ul>	overnment interest not affecting	uue)
			o. Fayment miorina	guvii.	
			a. Credit Card: L	ast 4 Numbers xpiration Date	
			Account Number	d/or any Deficiencies to Deposit er 23-1925 er Name: Brinks Hofer Gilson &	Lione
	/Gustavo Siller, Jr./		N	lovember 29, 2007	
Signature Gustavo Siller, Jr.			Total no. of pages inc	Date sluding coversheet, attachments	and
Name of Person Signing					

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: 020178 FRAME: 0102

#### **ASSIGNMENT**

WHEREAS, <u></u>	<u>Kazumasa Nis</u>	himura,	Ryo Nakaba	yashi, l	Naoya Ha	segawa,	
Masamichi Saito,	Yosuke Ide	and Masa	hiko Ishiz	one	· <b></b> -		
hereinafter called the	"Assignors", ha	ave made ti	he invention	described	in the Un	ited State	s paten
application entitled	TUNNELING M	AGNETIC 1	DETECTING	ELEMENT	AND MET	HOD FOR	
MAKING 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.

PATENT REEL: 020178 FRAME: 0103 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:	November 22, 2007	Inventor: Kazumasa Nishimura
WITNESSED:		
DATE:	November 22, 2007	Japashi Soto
DATE:	November 22, 2007	Jakashi Soto Nobuhiro Hayashi
		V
DATE:	November 22, 2007	Ryp Nakabayashi Inventor: Ryo Nakabayashi
WITNESSED:		
DATE:	November 22, 2007	Jakashi Sato
DATE:	November 22, 2007	Vobuhíro Hayashí
DATE:	November 22, 2007	Navya Hasegawa Inventor: Navya Hasegawa
WITNESSED:		_
DATE:	November 22, 2007	Jakashi Lato
DATE:	November 22, 2007	<u>Jakashi Lato</u> Nobeleviro Hayashi
		U
DATE:	November 22, 2007	Masamuch Saito Inventor: Masamichi Saito
WITNESSED:		
DATE:	November 22, 2007	Japashi Sato
DATE:	November 22, 2007	Japashi Sato Nobuhino /dayashi

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DATE:	November 22, 2007	Joseke Sole
		Inventor: Ýosuke Ide
WITNESSED:		
DATE:	November 22, 2007	_ Jakashi Xalo
DATE:	November 22, 2007	Jakashi Sato Nobuhiro Hayashi
		O
DATE:	November 22, 2007	Machiko Lilizone
		Inventor: Masahiko Ashizone
WITNESSED:		
DATE:	November 22, 2007	Japashi Sato
DATE:	November 22, 2007	Jahashi Sato Nobuhine Idayashi'
	*	
DATE:		Inventor:
WITNESSED:		
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		Inventor:
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