PATENTS ONLY

Attorney Docket No. 9281-3742

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Please record the attached original document or copy thereof.						
1.	Name of Party(ies) conveying an inte	erest: 8 · 9 · 00	Name and Address of Party(ies) receiving an interest:			
	Hirofumi Okumura Ichirou Tokunaga		Name: ALPS Electric Co., Ltd. Internal Address: 1-7 Yukigaya, Otsuka-cho			
Additional name(s) of conveying party(ies) attached? ☐ Yes ☑ No			City: Ota-ku, Tokyo State/Zip: Japan			
			Additional name(s) and addresses attached? Yes No			
3.	Description of the interest conveyed: Assignment	Change of Name	Other:			
	Security Agreement	☐ Merger	3.347 =			
	Execution Date: July 5, 2000					
	Application number(s) or patent num	ber(s). Additional shee	et attached? ☐ Yes ⊠ No			
	If this document is being filed together	er with a new applicatio July 5, 20 Date	/			
	Patent Application No.(s)		Patent No.(s) 09 635347			
		ditional numbers attach	ned? Yes No			
5.	Name and address of party to whom concerning document should be main BRINKS HOFER GILSC P.O. BOX 10395 CHICAGO, IL 60610 (312)321-4200	led: ON & LIONE	 Total fee (37 CFR 3.41) \$40 Enclosed Authorized to be charged to Deposit Account No. 23-1925 Please charge any deficiencies in fee or credit any overpayment to Deposit Account No. 23-1925. 			
DO NOT USE THIS SPACE						
To	py of the original document. Gustavo Siller, <u>Jr.</u>	X	ion is true and correct and any attached copy is a true 8/9/0 Date			
	Name of Person Signing Total number of pages including cover sheet, attachments, and document: 3					
II.	Total number of pages including cover shoot, attachments,					

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PATENT REEL: 011014 FRAME: 0731

ASSIGNMENT

WHEREAS, Hirofumi Okumura and Ichirou Tokunaga

hereinafter called the "Assignors", have made the invention described in the United States patent application entitled MAGNETIC DISPLACEMENT DETECTING 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, Otsukacho, 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: 011014 FRAME: 0732 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 5, 2000	Spirofumi Skumra
		Inventor: Hirofumi Okumura
WITNES	SSED:	
DATE:	July 5, 2000	Tomorycki Higuchi
DATE:	July 5, 2000	From bu Watanste
DATE:	July 5, 2000	Inventor: Ichirou Tokunaga
WITNES	SSED:	
DATE:	July 5, 2000	Tonoguki Higushi
DATE:	July 5, 2000	Firomobio Walanaber
DATE:		Inventor:
WITNE	SSED:	
DATE:		
DATE:		

RECORDED: 08/09/2000

PATENT REEL: 011014 FRAME: 0733