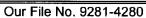


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	Please record the attached origi		
1.	Name of Party conveying an interest:	2. Name and Address of Party receiving an interest:	
••	The state of the s		
	Hidezi Satoh	Name: ALPS Electric Co., Ltd.	
	Takashi Kimura	Internal Address:	
	6-11-02	Street Address: 1-7 Yukigaya, Otsuka-cho City: Ota-ku, Tokyo	
	•	State/Zip: Japan	
		33.52.4.	
Add	ditional name(s) of conveying party(ies) attached?	Additional name(s) and addresses attached?	
	☐ Yes ☑ N	o ☐ Yes ☒ No	
3.	Description of the interest conveyed:  ☐ Assignment ☐ Change of Name	Other:	
	EZ Manige of Marile	outer.	
	☐ Security Agreement ☐ Merger		
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	Execution Date: May 13, 2002  Application number(s) or patent number(s). Additional sh	peet attached? M Vas T No	
	Application number(s) or patent number(s). Additional st	icer arraolien i 🖂 i es 🗀 iao	
	If this document is being filed together with a new application, the execution date of the application is:		
	Dat Patent Application No.(s)	e Patent No.(s)	
		ratent No.(5)	
	0/099,911		
5.	Additional numbers atta	6. Number of applications and patents involved: 1	
<b>5</b> .	Name and address of party to whom correspondence concerning document should be mailed:	o. Number of applications and patents involved	
	BRINKS HOFER GILSON & LIONE	7. Total fee (37 CFR 3.41) \$40.00	
	P.O. BOX 10395	☐ Enclosed	
	CHICAGO, IL 60610	Authorized to be charged to Deposit Account	
	(312)321-4200	No. 23-1925  8. Please charge any deficiencies in fee or credit	
		any overpayment to Deposit Account No. 23-	
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т.	Statement and signature.	ation is true and correct and any attached convis a true	
	the best of my knowledge and belief, the foregoing inform py of the original document.	auth is true and correct and any attached copy is a true	
CO	py of the original document.		
	Gustavo Siller, Jr.	5/3//6)	
	Name of Person Signing	Signature / Date	
	Total number of pages including cover s	sheet attachments and document: 4	
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**PATENT** 

**REEL: 012987 FRAME: 0613** 

## **ASSIGNMENT**

WHEREAS, Hidezi Satoh and Takashi Kimura, hereinafter called the "Assignors," have made the invention described in the United States patent application entitled MAGNETIC HEAD INCLUDING SLIDER ELECTRICALLY CONNECTED TO FLEXURE WITH CONDUCTIVE RESIN FILM, for a full description of which reference is here made to an application for Letters Patent of the United States filed on March 15, 2002, and assigned Application Serial No. 10/099,911;

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 exchange for 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, its territories and possessions, 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, continuations-in-part, divisions, renewals, extensions or reissues 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

PATENT REEL: 012987 FRAME: 0614 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.

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	May 13, 2002	Hidezi Satoh
		Hidezi Satoh
WITNE	SSED	
DATE	May 13, 2002	Nobuhiro Hagashi
DATE	May 13, 2002	Takashi Lato
DATE	May 13, 2002	Takashi Kimura Takashi Kimura
WITNESSED		
DATE	May 13, 2002	Robuhiro Hayashi
DATE	May 13, 200 <u>2</u>	Takashi Lato

**RECORDED: 06/11/2002** 

PATENT REEL: 012987 FRAME: 0615