		TENTO ONLY	07-01-19	99	Attorney Docket No. 9281/3335		
	⊢7 *\	TENTS ONLY TO THE COMMI			D TRADEMARKS		
		Please reco	10108290)3	copy thereof.		
	1.	Name of Party(ies) conveying an int	terest:	2. Name as interest:	nd Address of Party(ies) receiving ar		
N N N	Add	ditional name(s) of conveying party(i	es) attached? ☐ Yes ⊠ No	Name: Internal Add Street Addre City: State/Zip:			
				Additional na	ame(s) and addresses attached? ☐ Yes ⊠ No		
	3.	Description of the interest conveyed Assignment	i: Change of Name	Othe	er:		
		Security Agreement	Merger				
	Execution Date: June 7, 1999 Application number(s) or patent number(s). Additional sheet attached? If this document is being filed together with a new application, the execution date of the application is: June 7, 1999 Date						
		Patent Application No.(s)	Date	Patent N	No (s)		
9/337425					10.(0)		
L		Additional numbers attached? Yes No Name and address of party to whom correspondence 6. Number of applications and patents involved: One					
	5.	concerning document should be ma	iled:		f applications and patents involved: One		
		BRINKS HOFER GILSO P.O. BOX 10395	JN & LIONE	⊠ Enclo			
		CHICAGO, IL 60610 (312)321-4200		No. 2	orized to be charged to Deposit Account 3-1925		
				any o 1925.	se charge any deficiencies in fee or credit overpayment to Deposit Account No. 23-		
DO NOT USE THIS SPACE					-		
Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy copy of the original document.					2		
					correct and any attached copy is a true		
	Gustavo Siller, Jr. Name of Person Signing Total number of pages including cover sheet, attachments, and document: Three (3)						
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		The state of the s					

PATENT REEL: 010055 FRAME: 0829

ASSIGNMENT

WHEREAS, Kiyoshi Sato	,hereinafter called the
"Assignor", have made the invention described in the Unite	ed States patent application
entitled Thin Film Magnetic Head and Method	of Fabricating
the Same	
executed by Assignor 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, Otsuka-cho, 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 (\$100), and other valuable and legally sufficient consideration, the receipt of which by the Assignor from the Assignee is hereby acknowledged, the Assignor 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 Assignor hereby covenant and agree, 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.

PATENT REEL: 010055 FRAME: 0830 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: ____June 7, 1999

Miyoki Nato

WITNESSED:

DATE: June 7, 1999

DATE: June 7, 1999

Megumi Takahashi

PATENT REEL: 010055 FRAME: 0831

RECORDED: 06/21/1999