Attorney Docket No. 9281/3552

TO THE COMMISSIC TO 126	DA902 HADEMAUKA
Please record the attached origina	Il document or copy thereof.
Name of Party(ies) conveying an interest:	2. Name and Address of Party(ies) receiving an
Ooki Yamaguchi Koichi Naito Additional name(s) of conveying party(ies) attached?	Name: ALPS Electric Co., Ltd. Internal Address: Street Address: 1-7 Yukigaya, Otsuka-cho City: Ota-ku, Tokyo State/Zip: Japan
☐ Yes ☒ No	Additional name(s) and addresses attached? ☐ Yes ☒ No
3. Description of the interest conveyed: ☐ Change of Name	Other:
☐ Security Agreement ☐ Merger	
Execution Date: January 21, 2000	09 1498955
Application number(s) or patent number(s). Additional shee	et attachedy 📋 Yes 🔼 No
If this document is being filed together with a new application January 21, Date	
Patent Application No.(s)	Patent No.(s)
Additional numbers attach	ned? ☐ Yes ⊠ No
5. Name and address of party to whom correspondence concerning document should be mailed: BRINKS HOFER GILSON & LIONE P.O. BOX 10395 CHICAGO, IL 60610 (312)321-4200	 Number of applications and patents involved: One Total fee (37 CFR 3.41) \$40.00 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 TH	
Statement and signature. To the best of my knowledge and belief, the foregoing information copy of the original document.	on is true and correct and any attached copy is a true
Gustavo Siller, Jr. Name of Person Signing	nature Date
Total number of pages including cover sheet,	attachments, and document: Three (3)

Rev. Oct-97

03/07/2000 DNGUYEN 00000177 09498955 01 FC:581 40.00 GP

PATENT

REEL: 010593 FRAME: 0864

ASSIGNMENT

WHEREAS, Ooki Yamaguchi and Koichi Naito

hereinafter called the "Assignors", have made the invention described in the United States patent application entitled <u>Junction Assembly of Bonding Pad and Bump</u>, and Magnetic Head Device Using the Same, 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, 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 (\$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.

1.

PATENT REEL: 010593 FRAME: 0865

DATE:	January 21, 2000	Ookí Yranaychí
WITNES	SED:	Inventor: Opki Yamaguchi
DATE:	January 21, 2000	Juni Klazashi
DATE:	January 21, 2000	Junji Klazach
DATE:	January 21, 2000	Koichi Naito Inventor: Koichi Naito
WITNES	SSED:	
DATE:	January 21, 2000	Nobuhiw Hayashi Dang: Keryehi
DATE:	January 21, 2000	Jamy: Korychi
DATE:		
	0.0777	Inventor:
WITNES	SSED:	
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WITNE	SSED:	Inventor:
DATE:		

DATE:

RECORDED: 02/04/2000

PATENT REEL: 010593 FRAME: 0866