PATENTS ONLY

Attorney Docket No. 9281-3879

	TO THE COMMI 1015406	49	D TRADEMARKS			
Please record the attached original document or copy thereof.						
1.	Name of Party(ies) conveying an interest:  Hitoshi Funaki  11-13-00		Name and Address of Party(ies) receiving an interest:			
Add	ditional name(s) of conveying party(ies) attached? ☐ Yes ☑ No	Int Str Cit Sta	ame: ALPS Electric Co., Ltd.  hternal Address: treet Address: 1-7 Yukigaya, Otsuka-cho ity: Ota-ku, Tokyo tate/Zip: Japan  dditional name(s) and addresses attached?  ☐ Yes ☑ No			
3.	Description of the interest conveyed:  ☐ Change of Name		Other:			
	☐ Security Agreement ☐ Merger		29 132750 E			
	Execution Date: November 7, 2000 Application number(s) or patent number(s). Additional shee	et atta	tached? Yes No			
	If this document is being filed together with a new application November 7  Date	on, the	ne execution date of the application is:			
	Patent Application No.(s)		Patent No.(s)			
5.	Additional numbers attack  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	6. h	P  Yes  No  Number of applications and patents involved: 1  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.			
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Statement and signature.  To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.  Gustavo Siller, Jr. Name of Person Signing  Signature  Signature  Date						
	Total number of pages including cover sheet, attachments, and document: 3					
Re	Rev. Oct-97					

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12/06/2000 MTHA11 00000092 29132750 01 FC:581

## ASSIGNMENT

	WHEREAS, _	Hitoshi Funaki	, hereinafter called the
"Assignor",	have made the	invention described in	the United States patent application
entitled	CARTRIDGE WIT	H INK RIBBON	
executed by	y Assignor on th	e same date as this As	ssignment;

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 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: 011294 FRAME: 0399 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: November 7, 2000

Hitoshi Tunaki

Inventor: Hitoshi Funaki

Mich Takela Meguni Takahashi

WITNESSED:

DATE: November 7, 2000

DATE: November 7, 2000

PATENT REEL: 011294 FRAME: 0400

**RECORDED: 11/13/2000**