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PATENTS ONLY		00 1000		Attorn	ey Docket No	o. 9281/3057
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1. Name of Party(ie	es) conveying an inte	rest:		Name and Addres		s) receiving an
	·		i	nterest:		
	Hiroshi Takahashi		Name	ALD	0 Flactic 0a	144
			Nam	nal Address:	S Electric Co	., LIU.
1				et Address:	1-7 Yukigay	ra, Otsuka-cho
			City:		Ota-ku, Tok	
Additional name(s) o	f conveying party(ies		State	e/Zip:	Japan	
		🗌 Yes 🔯 No				-44110
			Addi	tional name(s) an	ia addresses	attached? ☐ Yes ⊠ N
3. Description of the	e interest conveyed:					
		☐ Change of Name		Other:		
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Security Agre	ement [Merger				
Evecution Data:	July 28 1009					
Execution Date: Application number	per(s) or patent numb	er(s). Additional shee	t attac	hed? ☐ Yes ☑ f	No	
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If this document	is being filed togethe	r with a new applicatio	n, the	execution date of	the application	on is:
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Name and addre	ss of party to whom		6. N u	mber of application	ons and patei	nts involved: <u>1</u>
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Rev. Oct-97

ASSIGNMENT

WHEREAS, Hiroshi Takahashi, hereinafter called the "Assignor," has made the invention described in the United States patent application entitled Paper Feeder In Printer, for a full description of which reference is here made to an application for Letters Patent of the United States filed on June 3, 1998, and assigned Application Serial No. 09/089,993;

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 Assignor from the Assignee is hereby acknowledged, the Assignor has sold, assigned and transferred, and by these presents does 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 Assignor hereby covenants and agrees, 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

PATENT REEL: 9422 FRAME: 0086 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.

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	July 28, 1998	Hiroshi Takahashi
WITNE	SSED	MIIOSIII Takanasiii
V VI I I V	0020	
DATE	July 28, 1998	Masakazu Kato
		J
DATE	July 28, 1998	mitsuo makino

RECORDED: 08/27/1998