١,	4	2-08-1998			
, ,	Form PTO-1595 1-31-92		DEPARTMENT OF COMMERCE ent and Trademark Office		
	To the Honorable Commissioner of Patents and Tr.	100915597	iginal documents or copy thereof.		
	1. Name of conveying party(ies):	2. Name and address of rece	iving party(ies)?		
7	Hideki ISHIDA, Junichi SUZUKI, Masayuki AINOYA, Junji SHIRAKAWA and Mamoru TAKAYAMA	Name: Hitachi Koki Co., Ltd 6-2, Ohtemachi 2-chom Chiyoda-ku, Tokyo, JA	e		
اع اع	Additional name(s) of conveying party(ies) attached?yes _XXno	Additional name(s) & address			
7///	3. Nature of Conveyance:				
	XX Assignment Merger				
	Security Agreement Change of Name				
	Other				
	Execution Date: September 24, 1998				
	4. Application number(s) or patent number(s): Attorney Docket (951511)				
	If this document is being filed together with a new application, the execution date of the application is:				
	A. Patent Application No.(s)	B. Pa	atent No(s).		
	29/092,843				
	Additional numbers attached? Yes XX No				
	<ol><li>Name and address of party to whom correspondence concerning document should be mailed:</li></ol>	6. Total number of applicat	ions and patents involved: one		
	SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC 2100 Pennsylvania Avenue, N.W. Suite 800 Washington, D.C. 20037-3202		\$ <u>40.00</u> e charge any underpayment in ent to Deposit Account No. 19-		
,		Authorized to be	charged to Deposit Account		
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02 02	FC:581 40.00 OF DO NOT UR	TE IN THIS SPACE	HU OK		
	9. 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.  October 27, 1998  Robert V. Sloan Reg. No. 22,775  Date				
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PATENT REEL: 9616 FRAME: 0714

## Assianment

Whereas, I/We,

Hideki Ishida, Junichi Suzuki, Masayuki Ainoya, Junji Shirakawa and Mamoru Takayama of

c/o HITACHI KOKI CO., LTD., of 1060 Takeda, Hitachinaka-shi, Ibaraki, Japan

hereinafter called assignor(s), have invented certain improvements in Printer for computer

and executed an application for Letters Patent of the United States of America therefor on 19 og; and September 24,

Whereas,

HITACHI KOKI CO., LTD., of 6-2, Ohtemachi 2-chome, Chiyoda-ku, Tokyo, Japan

(assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and I/we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

Date: September 24 \$/1998		Bideki Cishida		
		Hideki Ishida		
Date: September 24,	s/	Junichi Suzuki Junichi Suzuki		
1998 Date: September 24,	s/	Masayuki Ainoya Masayuki Ainoya		
Date: September 24,	s/	Junji Shirakawa  Junji Shirakawa		
Date: September 24,	s/	Mamoru Takayama,		

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

1/90

**PATENT** REEL: 9616 FRAME: 0715