and Trademark Office PATE Box Assignments Washington, D.C. 20231	ratent and Trademark		
12.11.00	Attorney Docket No. <u>106738</u>		
To the Director of the U.S. Patent and #rademark Office:	Please record the attached original document or copy thereof		
1. A. Name of conveying party(ies): 1) Manabu YAMADA 2) Chiyoshige NAKAZAWA DEL 1 2000	 A. Name and address of receiving party(ics): SEIKO EPSON CORPORATION 4-1 NISHISHINJUKU 2-CHOME, SHINJUKU-KU, TOKYO, JAPAN 		
B. Additional name(s) of conveying participations. [] r'es ⊠ No			
3. A. Nature of conveyance:	B. Additional name(s) & address(es) attached? □Yes ⊠ No		
Assignment Nerger			
Security Agreement Change of Name			
Other			
 B. Execution Date: 1) signed November 21, 2000 and 2) signed November 22, 2000 			
4. A. If this document is being filed together with a new app	blication, the execution date of the application is:		
B. Patent Application No.(s) <u>29/128,0-)5</u>	C. Patent No.(s)		
Ad litional numbers at	tached? 🔲 Yes 🛛 No		
 Name and address of party to whom correspondence concerning document should be mailed: 	6. Total number of applications and patents involved: <u>1</u>		
Name: James A. Oliff	7. A. Total fee (37 CFR 3.41)\$ 40.00		
	B. Enclosed (Check No. <u>114547</u>)		
Address: OLIFF & BERRIDGE, PLC P.O. Box 19928 Alexandria, VA 22320	 Credit any overpayment or charge any underpayment deposit account number 15-0461 		
9. Statement and signature. To the best of my knowledge and belief. the foregoing inform	nation is true and correct and any attached copy is a true cop		
the original documen	Date: December 11, 2000		
James A. Oliff. Registration No. 27.075 Joel S. Armstrong, Registration No. 36.4 (1)	Duc. December 11, 2000		
Total number of pages including cover sheet, attachments, and docume			

PATENT REEL: 011350 FRAME: 0538

		(1) <u>Man ibu YAMADA</u> (5)		
(1-8)	Insert	(2) Chiyoshige NAKAZAWA (6)		
	Name(s) of Inventor(s)	(3)(7)		
		(4) (8)		
		In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, each undersigned agrees to assign, and hereby does assign, transfer and set over to		
(9)	Insert Name of Assignee	SELEO EPSON CORPORATION (9)		
(10)	Assignee Insert Address of Assignee	4-1 Mishishinjul u 2-chome, Shinjuku-ku, (10) Toky o, Japan		
		(hereinafter costgnated is the Assignee) and Assignee's heirs, successors, assigns and legal representative , the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation substitute, and reissue application(s), and all Letters Patent, extensions, reissues and dexamination certificates that may be granted on the invention known as		
(11)	Insert Identification such as Title. Case	(11) INK CARTRID IE		
	Number, or Foreign Application Number	(Attorney Dicket No. 106738		
		for which the undersigned has (have) executed an application for patent in the United States of America on even date herewith ϕ		
(12)	Insert Date of Signing of Application	(12) on		
(13)	Alternative Identification for filed applications	(13) U.S. pplication Serial Number 29/128,005		
		filed <u>August 17, 2000</u>		

ASSIGNMENT

1) Each undersigned agrees to execute all papers new ssary in connection with any application and any continuing, divisional or reissue applications for the invention, and any pater t(s) issuing thereon, and also to execute separate assignments in connection with such applications and patents as the Assignee may deem necessary

2) Each undersigned agrees to execute all papers necessary in connection with any interference which may be declared concerning any application or continuation or division thereof, or any patent or reissue application based thereon, for the invention, and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

3) Each undersigned agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

4) Each undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States paters to the Assignee

5) Each undersigned authorizes and reque to the Director of Patents to issue any and all Letters Patents of the United States resulting from said application(s) to the said Assignce, as As ignee of the entire interest, and covenants that he has full right to convey the entire interest herein assigned, and that he has not executed, and with not execute, any agreements in conflict herewith, and agrees that this assignment is binding on him and his heirs, successors, assigns and legal representatives.

6) Each undersigned hereby grants the first of OLIFE & BERRIDGE, PLC the power to insert on this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

In witness whereof, executed by the undersigned or the date(s) opposite the undersigned name(s).

Date	novembor 21, 2000	Inventer Signature	Manalry.	Mamada.	(SEAL)
Date	nov. 22,2000	Inventer Signature	Chijoshige	hakazawa	(SEAL)
Date		Inventer Signature			(SEAL)
Date		Inventor Signature	<u>_</u>		(SEAL)
Date		Inventor Signature			(SEAL)
Date		Inventor Signature			(SEAL)
Date		Invent« r Signature			(SEAL)
Date		Inventor Signature	······		(SEAL)
lf neith Date Date	This assignment should preferably be signer, then it should be signed before at least $\frac{1}{1000} = \frac{1}{2000}$ Nou: 24, 2000	· · ·		Set-i	dc the U S.A
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