Mail Stop:

11/28/2006 01 FC:8021 **Assignment Recordation Services** Director of the U.S. Patent and Trademark Office

P.O. Box 1450 Alexandria, VA 22313-1450

11-29-2006

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

103342240

	Attorney Docket No. 129946 O								
Please record the attached of	riginal document or copy thereof.								
1. A. Name of conveying party(ies):	2. A. Name and address of receiving party(ies):								
 (1) Sakiko KOBAYASHI (2) Mitsuharu HATTORI B. Additional name(s) of conveying party(ies) attached? ☐ Yes ☑ No 	BROTHER INDUSTRIES, LTD. 15-1 NAESHIRO-CHO, MIZUHO-KU NAGOYA-SHI, AICHI-KEN 467-8561 JAPAN								
3. A. Nature of conveyance:	B. Additional name(s) & address(es) attached? ☐Yes ☒ No								
☐ Security Agreement ☐ Change of Name									
Other									
B. Execution Date: (1) November 14, 2006 (2) November 15, 2006									
This document is being filed together with a new application.									
A. Patent Application No.(s)	B. Patent No.(s)								
Additional numbers a	ltached? ☐ Yes ☒ No								
C. Title of Application: PRINTER									
 Name and address of party to whom correspondence concerning document should be mailed: 	6. Total number of applications and patents involved: 1								
Name: James A. Oliff	7. A. Total fee (37 CFR 3.41)\$\\\\\40.00								
YRNE 00000098 29269107	B. Enclosed (Check No. <u>186548</u>)								
Address: OLIFF & BERRIDGE, PLC P.O. Box 19928 Alexandria, VA 22320	Credit any overpayment or charge any underpayment to deposit account number 15-0461.								
9. Statement and signature. To the best of my knowledge and belief, the foregoing inforthe original document.	rmation is true and correct and any attached copy is a true copy of								
James A. Oliff Registration No. 27,075 Pandi B. Jagges Periatration No. 56 046	Date: November 21, 2006								

Total number of pages including cover sheet, attachments, and document: 2

REEL: 018610 FRAME: 0132

PATENT

ASSIGNMENT

		(1)	Sakiko KOBA	YASHI		·	(5)					
(1-8)	Insert	(2)	Mitsuharu HA	TTORI	 		(6)					
	Name(s) of Inventor(s)	(3)					(7)				·	
		(4)					(8)				· · · · · · · · · · · · · · · · · · ·	
		(5)					(8)					
			In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to									
(9)	insert Name of Assignee	(9)	BROTHER I	NDUSTRIES	S, LTD.							
(10)	Insert Address of Assignee	(10)	15-1 Naesh	iro-cho, Miz	uho-ku,	Nagoya	-shi, Aichi	-ken 46	7-856	31, Japa	an	
			(hereinafter designated as the Assignee) 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 reexamination certificates that may be granted on the invention known as									
(11)	Insert Identification	(11)	PRINTER									
	of Invention such as Title, Case											
	Number, or Foreigr Application Numbe		(Attorney Dock	ket No.	12994	6						
			for which the ur	ndersigned ha	ıs (have) e	executed	an applica	tion for pa	tent in	the Unite	ed States o	f America
(12)	Insert Date of Signing of Application	(12)	on 🦪	nov. 14	. 2006	72	ov. 1	5,20	06			
(13)	Alternative	(13)	U.S. application	n Serial Numb	oer							
	Identification for filed applications		filed N	ovember	21, 20	006						
reissue a application any appl Assigned claims of reexamin States refull right the herewith which man	6) The undersigned ay be necessary or de	e Assi agree or divide in ob- agree ematio agree id Unit hereb olication herest hereb	on, and any pate gnees may deen e(s) to execute a vision thereof, or otaining evidence e(s) to execute a nal Convention free(s) to perform a ed States patent by authorize(s) ar n(s) to the said A herein assigned by grant(s) the firm in order to contact the said of the s	ent(s) issuing in necessary. Il papers necessary. Il papers necessary and going for ill papers and or Protection all affirmative to the Assigned request(s) if Assignee, as a figure of OLIFF and the imply with the interpretation of the Assignee of OLIFF and the imply with the interpretation of OLIFF and interpretation of the interpretation	thereon, a essary in a reissue appropriate to the document of Industriacts which ee. The Common Assignee thas (they as BERRIC) and the softh	connection polication is such into and polication into and polication into an	to execute on with an i based the erference. erform any ty or simila oe necess of Patents tire interes t executed power to in States Pa	y interfere ereon, for the act which are agreement to obte to issue a st, and here in and will insert on the tent and T	e assig nce whithe invented in may ents. ain, many and eby conot exemple assigned in instance assigned in a significant exemple as a signifi	hich may ention, and be nece maintain of d all Lette ovenants ecute, and high ment	in connection be declared to cooper ssary in cooper confirm the cooper state of the cooper state of the cooper state of the cooper sary further any further	ed concerning erate with the connection with by reissue or of the United s (they have) nts in conflict
Date	•		•	ersigned on t	ne date(s) opposi	te the und	ersigned C	name L	(s).		(DEAL)
Dale	now. 1	<u> </u>		Name of I	enitoi		211	· 1.	-uy	ZI -	1	(SEAL)
Date	Nov. R	٦).	2000	Name of I	nventor _		ritte	charc	<u>_`</u> _	Hal	lon	(SEAL)
Date				Name of I	nventor _		 					_ (SEAL)
Date				Name of I	nventor _							(SEAL)
Date				Name of I	nventor _		 			· <u> </u>		_ (SEAL)
Date				Name of I	nventor _							(SEAL)
Date				Name of I	nventor							(SEAL)

PATENT REEL: 018610 FRAME: 0133

RECORDED: 11/21/2006