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PATENT

REEL: 015078 FRAME: 0891

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Alexandria, VA 22313-1450		Ntorney Docket No. <u>119386</u>
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3. A. Nature of conveyance:	B. Additio	nal namu(s) & address(es) attached?
Assignment I Security Agreement I	Merger Change of Name	
 Other B. Execution Date: <u>May 31, 2004</u> 	<u>4</u>	
4. A. Patent Application No.(s) 29/20	Additional numbers attached?	No.(s)
C. Title of Application: <u>PRINTER</u>		, ; ; ;
 Name and address of party to whom c concerning document should be maile 	orrespondence 6. Total number	er of applications and patents involved: $\underline{1}$
Name: <u>James A. Oliff</u>	7. Please o total fee	charge Deposit Account No. 150461 the (37 C+R 3.41) in the amount of \$40.00.
Address: OLIFF & BERRIDCE, PI P.O. Box 19928 Alexandria, VA 223 Phone Number: 703-836 Fax Number: 703-836-	deposit acc →6400	overpay ment or charge any underpayment to count in ober 15-0461.
 Statement and signature. To the best of my knowledge and bel the original document. James A. Oliff Registration No. 27,0 		correct and any attached copy is a trie copy of Date: August 23, 2004

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			ASSIGNMENT
		(1)	Shigeharu KATAYAMA (5)
(1-8)	Insert	(2)	(¢)
(1-0)	Name(s) of Inventor(s)		(7)
	Di (interrorta)		(8)
		(4)	In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid t each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and so over to
(9)	Insert Name of	(9)	BROTHER INDUSTRIES, LTD.
Assignee (10) Insert Address of Assignee		(10)	15-1 Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi-ken, 467-8561, Japan
(11)	Insert	(11)	(hereinafter designated as the Assignee) the entire right, title and interest for the United States of Americ as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and a provisional, non-provisional, divisional, continuation, substitute, and reissue application(s), and all Lette Patent, extensions, reissues and reexamination certificates that may be granted on the invention known e PRINTER
,	Identification of Invention	(11)	
such as Title, Case Number, or Foreign Application Number		(Attorney Docket No	
	· • • • • •		for which the undersigned has (have) executed an application for patent in the United States of America
(12)	Insert Date of Signing of Application	(12)	on
iden:	Alternative	Quinacity .	U.S. application Serial Number
	ldentification for filed applications		filed
reissue applica	e applications for the in	ventic	(s) to execute all papers necessary in connection with any application and any continuing, divisional n, and any patent(s) issuing thereon, and also to execute separate assignments in connection with su gnees may deem necessary. (s) to execute all papers necessary in connection with any interference which may be declared concerni- (s) to execute all papers necessary in connection with any interference which may be declared concerni- tion.

2) The undersigned agree(s) 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) The undersigned agrae(s) 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) The undersigned agree(s) 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 patent to the Assignee.

5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patients to issue any and all Letters Patents of the United 5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patients to issue any and all Letters Patents of the United States resulting from said application(s) to the said Assignee, as Assignee of the entire interest, and hereby covenants/that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreements in conflict herewith.

6) The undersigned hereby grant(s) the firm of OLIFF & BERRIDGE the power to insert on this assignment any further identification which 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 on the date(s) opposite the undersigned name(s).

Date Mary 31,2004	Name of Inventor Sugaho : n Catayama	; <u>;</u> (SEAL)
Date	Name of Inventor	(0541)
 Date	Name of inventor	(SEAL)
Date	Name of Inventor	(SEAL)
Date	Name of Inventor	(SEAL)
Date	Name of Inventor	(SEAL)
Date	Name of Inventor	(SEAL)
RECORDED: 08/23/2004	Name of Inventor REEL: 015078 FF	(ŞEAL)