04-12-2002



ar Boz	ector of the U.S. Patent OFE REC and Trademark Office (Assignments shington, D.C. 20231	EPARTMENT OF COMMERCE Patent and Trademark Office						
		Attorney Docket No. 111786						
	To the Director of the U.S. Patent and Trademark Office:	Please record the attached original document or copy thereof.						
1.	<ul> <li>A. Name of conveying party(ies): Hiroshi NOBE Yoshikatsu KAMEYAMA Takashi OHAMA</li> <li>4 - 8 - 02</li> <li>B. Additional name(s) of conveying party(ies) attached?  ☐ Yes ☒ No</li> </ul>	2. A. Name and address of receiving party(ies): BROTHER KOGYO KABUSHIKI KAISHA 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?						
	☐ Security Agreement ☐ Change of Name							
	Other							
	B Execution Date: <u>2/27/02</u>							
4.	A. If this document is being filed together with a new app	A. If this document is being filed together with a new application, the execution date of the application is:						
	B. Patent Application No.(s) 10/076,501	C. Patent No.(s)						
	Additional numbers at	tached?						
5.	Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved						
	Name: James A, Oliff	7. A. Total fee (37 CFR 3.41)\$ 40.00						
		B. Enclosed (Check No. 129588_)						
	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.	James A. Olife Registration No. 27.0 Holly N. Sy Registration No. 50.2							

## **ASSIGNMENT**

		(1)	Hiroshi NOBE	(5)
1-8)	insert Name(s) of Inventor(s)	(2)	Yoshikatsu KAMEYAMA	(6)
		(3)	Takashi OHAMA	(7)
		(4)		(8)
				dollar (\$1.00) and other good and valuable considerations paid to each agree(s) to assign, and hereby does assign, transfer and set over to
9)	Insert Name of Assignee (9)		BROTHER KOGYO KABUSHIK	I KAISHA
10)	Insert Address of Assignee	(10)	15-1 Naeshiro-cho, Mizuho-ku	. Nagoya-shi. Aichi-ken 467-8561. Japan
			as defined in 35 U.S.C. §100, in the provisional, non-provisional, divisional	ee) the entire right, title and interest for the United States of America e invention, and in all applications for patent including any and all l, continuation, substitute, and reissue application(s), and all Letters amination certificates that may be granted on the invention known as
11)	Insert Identification of Invention such as Title, Case Number, or Foreign Application Number		IMAGE FORMING APPARATUS	
			(Attorney Docket No. 1117	86
			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 February 27, 2	2002
13)	Alternative Identification for filed applications	(13)	U.S. application Serial Number	10/076,501
			filed February 19,	2002
applica	applications for the intions and patents as the	ventid e Ass agree	on, and any patent(s) issuing thereon, ignees may deem necessary.  e(s) to execute all papers necessary in	in connection with any application and any continuing, divisional or and also to execute separate assignments in connection with such connection with any interference which may be declared concerning 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 agree(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 Patents 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

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	February 27, 2002	Name of Inventor	Hiroshi hope	(SEAL)
Date	February 27, 2002	Name of Inventor	Yosheptas Kanyuma	(SEAL)
Date	February 27, 2002	Name of Inventor	Takash Ohowa	(SEAL)
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: 04/08/2002

**PATENT** REEL: 012772 FRAME: 0334