11-21-2005 Form PTO-1595 (Rev. 06/04) OMB No. 0651-0027 (exp. 6/30/2005)

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> **PATENT REEL: 017231 FRAME: 0172**

ASSIGNMENT

		(1)	Naoki KATAYAMA (5)
(1-8)	Insert	(2)	(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 considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to
(9)	l) Insert Name of Assignee		BROTHER KOGYO KABUSHIKI KAISHA
(10)	Insert Address of Assignee	(10)	15-1 Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi-ken 467-8561, Japan
(11) Insert Identification (11) of Invention such as Title, Case		(11)	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 [NKJET PRINTER]
	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 November 4, 2005
13)	Alternative	(13)	U.S. application Serial Number
	Identification for Filed applications		filed
patents	ions for the invention, a as the Assignees may o 2) The undersigned	nd any leem r agree(s) to execute all papers necessary in connection with any application and any continuing, divisional or reissue patent(s) issuing thereon, and also to execute separate assignments in connection with such applications and iecessary. s) to execute all papers necessary in connection with any interference which may be declared concerning any hereof, 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 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 herewith.
- 6) The undersigned hereby grant(s) the firm of Reed Smith LLP 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	nov. 4. 2005	Name of Inventor _	naohi	Natayana	_ (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: 11/14/2005

PATENT REEL: 017231 FRAME: 0173