

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Manabu Hibi</td> <td>03/07/2007</td> </tr> <tr> <td>Kenichi Satake</td> <td>02/20/2007</td> </tr> <tr> <td>Shin Ishikura</td> <td>02/20/2007</td> </tr> </tbody> </table>		Name	Execution Date	Manabu Hibi	03/07/2007	Kenichi Satake	02/20/2007	Shin Ishikura	02/20/2007
Name	Execution Date								
Manabu Hibi	03/07/2007								
Kenichi Satake	02/20/2007								
Shin Ishikura	02/20/2007								
RECEIVING PARTY DATA									
Name:	Brother Kogyo Kabushiki Kaisha								
Street Address:	15-1 Naeshiro-cho,								
Internal Address:	Mizuho-ku,								
City:	Nagoya-shi, Aichi-ken								
State/Country:	JAPAN								
Postal Code:	467-8561								
PROPERTY NUMBERS Total: 1									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11683996</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11683996				
Property Type	Number								
Application Number:	11683996								
CORRESPONDENCE DATA									
Fax Number:	(202)639-7890								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
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Correspondent Name:	Baker Botts, LLP								
Address Line 1:	1299 Pennsylvania Avenue, NW								
Address Line 2:	The Warner								
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20004-2400								
ATTORNEY DOCKET NUMBER:	076376.0698								
NAME OF SUBMITTER:	William S. Foster, Jr. Reg. No. 51,695								

CH \$40.00 11683996

Total Attachments: 3

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2006-02769 US/57NA1A

ASSIGNMENT

(1) Manabu HIBI (5) _____
 (1-8) Insert (2) Kenichi SATAKE (6) _____
 Name(s) (3) Shin ISHIKURA (7) _____
 of Inventor(s) (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) Insert Name of Assignee (9) BROTHER KOGYO KABUSHIKI KAISHA
 (10) Insert Address of Assignee (10) 15-1 Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi-ken 467-8561 Japan
 and
 (11) Insert Name of Assignee (11) KYOCERA Corporation
 (12) Insert Address of Assignee (12) 6, Takedatobadono-cho, Fushimi-ku, Kyoto-shi, Kyoto-fu 612-8501 Japan

(hereinafter designated as the Assignees) 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

(13) Insert Identification of invention such as Title, Case Number, or Foreign Application Number (13) INKJET HEAD
 (Attorney Docket No. 076376.0698)

for which the undersigned has (have) executed an application for patent in the United States of America

(14) Insert Date of Signing of Application (14) on _____

(15) Alternative Identification for filed applications (15) U.S. application Serial Number 11/683,996
 filed March 8, 2007

1) The undersigned agree(s) to execute all papers necessary in connection with any application and any continuing, divisional or reissue applications for the invention, and any patent(s) issuing thereon, and also to execute separate assignments in connection with such applications and patents as the Assignees may deem necessary.

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 Assignees 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 Assignees.

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 Assignees, as Assignees 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 BAKER BOTTS 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 _____ Name of Inventor Manabu HIBI (SEAL)
 Date _____ Name of Inventor Kenichi SATAKE (SEAL)
 Date 20. Feb. 07 Name of Inventor Shin ISHIKURA (SEAL)

PATENT

REEL: 018984 FRAME: 0024

2006-02769 US/57NA1A

ASSIGNMENT

	(1)	<u>Manabu HIBI</u>	(5)	_____
(1-8) Insert	(2)	<u>Kenichi SATAKE</u>	(6)	_____
Name(s)	(3)	<u>Shin ISHIKURA</u>	(7)	_____
of Inventor(s)	(4)	_____	(8)	_____
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(10) Insert Address of Assignee	(10)	<u>15-1 Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi-ken 467-8561 Japan</u>		_____
		and		_____
(11) Insert Name of Assignee	(11)	<u>KYOCERA Corporation</u>		_____
(12) Insert Address of Assignee	(12)	<u>6, Takedatobadono-cho, Fushimi-ku, Kyoto-shi, Kyoto-fu 612-8501 Japan</u>		_____
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(13) Insert Identification of Invention such as Title, Case Number, or Foreign Application Number	(13)	<u>INKJET HEAD</u>		_____
		(Attorney Docket No. <u>076376 0698</u>)		_____
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(14) Insert Date of Signing of Application	(14)	on _____		_____
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		filed <u>March 8, 2007</u>		_____

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

Date	_____	Name of Inventor	<u>Manabu HIBI</u>	(SEAL)
Date	<u>February 20, 2007</u>	Name of Inventor	<u>Kenichi SATAKE</u>	(SEAL)
Date	_____	Name of Inventor	<u>Shin ISHIKURA</u>	(SEAL)

PATENT

REEL: 018984 FRAME: 0025

2006-02769 US/57NA1A

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Date Mar. 7, 2007 Name of Inventor Manabu Hibi (SEAL)
 Manabu HIBI
 Date _____ Name of Inventor _____ (SEAL)
 Kenichi SATAKE
 Date _____ Name of Inventor _____ (SEAL)
 Shin ISHIKURA

PATENT