## PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

### **CONVEYING PARTY DATA**

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

Property Type	Number
Application Number:	11683996

### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	076376.0698
NAME OF SUBMITTER:	William S. Foster, Jr. Reg. No. 51,695

PATENT REEL: 018984 FRAME: 0022

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Total Attachments: 3 source=assignment\_0698#page1.tif source=assignment\_0698#page2.tif source=assignment\_0698#page3.tif

> PATENT REEL: 018984 FRAME: 0023

## 2006-02769 US/57NA1A

				AS	SIGNMENT			
		(1)	Manabu HIBI		(5)			
(1-8)	Insert	(2)	Kenichi SATAKE		(6)			
	Name(s) of Inventor(s)	(3)	Shin ISHIKURA		(7)			
	· · · · · · · · · · · · · · · · · · ·	(4)			(8)	·		
		``	In consideration of the undersigned	of the sum of one do i, the undersigned ag	lar (\$1.00) and other good and valua ee(s) to assign, and hereby does ass	ble considerations paid to each sign, 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, N	agoya – shi, Aichi – ken 467-85	61 Japan		
(11)	Insert Name of		and					
	Assignee Insert Address	(11)	KYOCERA Corporation  6, Takedatobadono-cho, Fushimi-ku, Kyoto-shi, Kyoto-fu 612-8501 Japan					
(12)	of Assignee	(12)						
			as defined in 35	U.S.C. §100, in the	es) the entire right, title and interest for invention, and in all applications for continuation, substitute, and reissue nination certificates that may be gran	or patent including any and all eathers		
(13)	insert Identification	(13)	INKJET HEAD		, v , v , v , v , v , v , v , v , v , v			
	of Invention such as Title, Case				·			
	Number, or Foreign Application Number		(Attorney Docket No. 076376.0698					
			for which the unde	ersigned has (have) e	ecuted an application for patent in the	e United States of America		
(14)	Insert Date of Signing of Application	(14)	on					
(15)	Alternative	(15)	U.S. application	Serial Number	1/683 996			
•	Identification for filed applications		filed Maj	ch 8 2007				
application any application any application and application an	applications for the intions and patents as if  2) The undersigned polication or continuation eses in every way possions of the interpretation of the inte	nventiche Assidiagreen or direction of diagreen of diagreen of diagreen of diagreen of diagreen of the resident of the residen	on, and any patent gnees may deem rest to execute all wision thereof, or all obtaining evidence e(s) to execute all inal Convention for e(s) to perform all ded States patent to a y authorize(s) and n(s) to the said Assit herein assigned, by grant(s) the firm old in order to compare the said and the said assigned,	(s) issuing thereon, a necessary. papers necessary in hy patent or reissue a and going forward with papers and documer Protection of Industrial affirmative acts while the Assignees. I request(s) the Commistance and that he has (they not BAKER BOTTS bely with the rules of the second signees and that the has (they not BAKER BOTTS bely with the rules of the second second signees and that the has (they not BAKER BOTTS bely with the rules of the second secon	connection with any application and also to execute separate assign connection with any interference while polication based thereon, for the invented in such interference, its and perform any act which may be in Property or similar agreements, ith may be necessary to obtain, may be necessary to obtain the entire interest, and hereby contains the united States Patent and Tradem opposite the undersigned name (in the power to insert and Tradem opposite the undersigned name).	ich may be declared concerning antion, and to cooperate with the per necessary in connection with anitalin or confirm by reissue or all Letters Patents of the United evenants that he has (they have) acute, any agreements in conflict ignment any further identification ank Office for recordation of this		
Dat	te			Name of inventor		(SEAL)		
				Name of Inventor	Manabu HIBI	(SEAL)		
Dat		,	·	Haile Of HIVEHOL	Kenichi SATAKE			
Da	to 20. fe	2 b.	07	Name of Inventor	Shin ISHIKURA	(SEAL)		

PATENT REEL: 018984 FRAME: 0024

## 2006-02769 US/57NA1A

				· A	SSIGNMENT		
		(1)	Manabu HIBI		(5)		·
(1-8)	Insert	(2)	Kenichi SATA	· <b>(E</b>	(6)		
Name(s) of inventor(s)	(3)	Shin ISHIKUR	<b>A</b>	(7)			
	.,	(4)			(8)		
	e.		In considerati	on of the sum of one oned, the undersigned a	ioliar (\$1.00) and o gree(s) to assign,	ther good and valuable consideration and hereby does assign, transfer and	s paid to each
(9)	Insert Name of Assignee	(9)	BROTHER K	OGYO KABUSHIKI	KAISHA		
(10)	Insert Address of Assignee	(10)	15-1 Naeshi	ro-cho, Mizuho-ku,	Nagoya—shi, Aic	hi-ken 467-8561 Japan	
(11)	Insert Name of		and		-		
(12)	Assignee Insert Address	(11)				: Vt	
	of Assignee	(12)	b, lakedatob	adono—cho, Fushim	i-ku, Kyoto-sh	i, Kyoto—fu 612—8501 Japan	
			as defined in 3 provisional, non	5 U.S.C. §100, in the provisional, divisional	e invention, and in I, continuation, sul	t, title and interest for the United Stal n all applications for patent includin bstitute, and reissue application(s), a es that may be granted on the inventi	g any and all and all Letters
(13)	Insert	(13)	INKJET HEAD	, )		1 <sup>4</sup> 2	ilment je
	identification of Invention		<del></del>				
	Such as Title, Case Number, or Foreign Application Number	n -	(Attorney Dock	et No. 076	276.0609		
	Application runns	71	•			ation for patent in the United States o	
(14)	insert Date of			,	•		
	Signing of Application	(14)	on			<del> </del>	
(15)	Alternative	(15)	U.S. application	Serial Number	11/683,996	<u> </u>	
	Identification for filed applications		filed _Ma	arch 8, 2007			
application any application Assigner claims or reexamin States refull right herewith which m documer	applications for the irons and patents as the 2) The undersigned lication or continuation is in every way possis.  3) The undersigned reprovisions of the Interest of the undersigned reprovisions of the Interest of a validation a grant of a validation argument of the undersigned esuiting from said approto convey the entire inc.  6) The undersigned ay be necessary or dont.	nventione Assignment of dispression of dispression of agreement of agreement of agreement of the agreement o	n, and any pater gnees may deem rision thereof, or a blaining evidence (s) to execute al nal Convention for e(s) to perform a ed States patent to y authorize(s) an n(s) to the said As herein assigned, by grant(s) the fire e in order to corr	nt(s) issuing thereon, necessary. It papers necessary in any patent or reissue a e and going forward will papers and docume or Protection of Industrial affirmative acts who to the Assignees. It request(s) the Community and that he has (they more baker BOTTS	and also to execu- connection with a pplication based ti th such interference nts and perform a al Property or simili tich may be neces missioner of Patents of the entire inter have) not execute LLP the power to the United States F	ny act which may be necessary in co ar agreements. sary to obtain, maintain or confirm to to issue any and all Letters Patents rest, and hereby covenants that he had, and will not execute, any agreement insert on this assignment any further ratent and Trademark Office for reco	ed concerning perate with the connection with by reissue or s of the United as (they have) ents in conflict or identification
Date				Name of inventor			(SEAL)
			0.0.0.07		Manabu HIBI	Satake	
Date	Februa	ry	<u>co, 200 [</u>	Name of Inventor	Kenichi SATAKE	xaiare	_ (SEAL)
Date		<del> </del>	· ·	Name of Inventor	Shin ISHIKURA		_ (SEAL)

06-6300-3591

**PATENT** 

REEL: 018984 FRAME: 0025

# 2006-02769 US/57NA1A

				ASSIGNMENT	·			
		(1)	Manabu HiBi	(5)				
(1-8)	Insert	(2)	Kenichi SATAKE	(6)				
	Name(s) of Inventor(s)	(3)	Shin ISHIKURA	(7)				
	Of Miverial (3)	(4)						
		. (*)	In consideration of the se each of the undersigned, to over to	um of one dollar (\$1.00) and other goo ne undersigned agree(s) to assign, and	d and valuable considerations paid to			
(9)	Insert Name of Assignee	(9)	BROTHER KOGYO KA	BUSHIKI KAISHA				
(10)	Insert Address of Assignee	(10)	15-1 Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi-ken 467-8561 Japan					
(11)	Insert Name of		and					
	Assignee Insert Address	(11)	KYOCERA Corporation					
(12)	of Assignee	(12)	6, Takedatobedono-cho, Fushimi-ku, Kyoto-shi, Kyoto-fu 612-8501 Japan					
			as defined in 35 U.S.C. §	ne Assignees) the entire right, title and in 100, in the invention, and in all applict, divisional, continuation, substitute, and s and reexamination certificates that may	ations for patent including any and all relissue application(s), and all Letters			
(13)	insert Identification	(13)	INKJET HEAD					
	of Invention such as Title, Case	<b>.</b>						
	Number, or Foreig Application Numb	ก	(Attorney Docket No.	076376 0698				
				as (have) executed an application for pa	TRUE BY THE CHITER OF STATES OF WHICHOU			
(14)	insert Date of Signing of Application	(14)	on <u>Ma</u>	r.7, 2007				
(15)	Alternative Identification for filed applications	(15)	U.S. application Serial Nur	<del></del>				
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applica any ap Assign claims	e applications for the ations and patents as to 2). The undersigne plication or continuation ees in every way pose 3). The undersigne or provisions of the In 4). The undersigne intention a grant of a value of the second of the Intention of a provision of the Intention of a value of a v	invention he Ass diagre on or dis sible in diagre ternative a agre alid Uni diagre	on, and any patent(s) issuin ignees may deem necessary e(s) to execute all papers ne vision thereof, or any patent obtaining evidence and going e(s) to execute all papers all onal Convention for Protection ie(s) to perform all affirmats ted States patent to the Assisted States patent to the Assisted part pour part request (s)	g thereon, and also to execute separate of the conservation with any interference or reissue application based thereon, for a forward with such interference, and documents and perform any act which not industrial Property or similar agreen we acts which may be necessary to obtain the Commissioner of Patents to issue	any and all Letters Patents of the United			
have) 1	resulting from said a full right to convey the	pplicat entire	ion(s) to the said Assignees interest herein assigned, an	as Assignees of the entire interest, a dithat he has (they have) not executed.	and will not execute, any agreements in			
which	<ul> <li>6) The undersigne may be necessary or</li> </ul>	d here desiral	by grant(s) the firm of BAKI ble in order to comply with the	ER BOTTS LLP the power to insert on e rules of the United States Patent and	this assignment any further identification Trademark Office for recordation of this			
docum	ierit. In witness whereo	f, exec	uted by the undersigned o	n the date(s) opposite the undersigne	d name(s).			
Da	nte Mar, 7	<u>, z</u>	227 Name o	Manabu HIBI	H. Bi (SEAL)			
Da	ito			of inventor Kenichi SATAKE	(SEAL)			
Da	ite		Name (	of inventor	(SEAL)			

06-6300-3591

PATENT REEL: 018984 FRAME: 0026

**RECORDED: 03/09/2007**