

RECORDAT PA 09-29-2005

006838.00005 103091362 To the Honorable Commissioner of Patents and Trademarks. 1. Name of Conveying Party or Parties: 2. Name and address of receiving party or parties: 1. Motohiro YASUI BROTHER KOGYO KABUSHIKI KAISHA Additional Names of conveying party or parties attached? ☐ Yes ■ No 15-1 Naeshiro-cho, Mizuho-ku Nagoya-shi, Aichi-ken 467-8561 3. Nature of Conveyance: **JAPAN** Assignment Merger Additional Name(s) and address(es) attached? ☐ Yes ■ No Security Agreement Change of Name Other Execution Date: July 11, 2005 4. Application Number(s) or Patent Number(s): If this document is being filed together with a new application, the execution date of the application is: B. Patent Number(s): A. Patent Application Number(s): 11/179.675 Additional Numbers attached? 

Yes ■ No 5. Name and address of party to whom correspondence 6. Total Number of Applications and patents involved: 7. Total fee (37 CFR 3.41) ..... \$ 40.00 concerning the document should be mailed: **Enclosed** Joseph M. Potenza Authorized to be charged to deposit account' Banner & Witcoff, Ltd. Please charge or credit our deposit account for any 1001 G Street, N.W., Suite 1100 additional or refunded fees associated with recording this Washington, D.C. 20001-4597 assignment 8. Deposit Account No.: 19-0733 Do Not Use this Space 9. Statement and Signature:

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of

the original document.

Name of Person Signing

Gary D. Fedorochko, Reg. No. 35,509

Levy V. Federale

September 27, 2005

Date

Total Number of Pages including Cover Sheet: 2

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**PATENT** REEL: 017028 FRAME: 0757

## **ASSIGNMENT**

		(1)	Motohiro Y/	ASUI		<del></del>	(5)		
(1-8)	insert Name(s) of Inventor(s)	(2)					(6)		
		(3)							
	.,	(4)							
		( ' '	In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and sover 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						
			(hereinafter designated as the Assignee) 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						
(11)	Insert Identification	(11)	INK JET HE	AD, PIEZO-ELI	ECTRIC	ACTUATO	R, AND MET	HOD OF MANUF	ACTURING THEM
	of Invention such as Title, Case					<del></del>			
	Number, or Foreign Application Number		(Attorney Doo	cket No.	0068	838.00005			
(42)	luncat Data of		for which the u	ndersigned has	(have) e	executed an	application fo	r patent in the Unit	ted States of America
(12)	Insert Date of Signing of Application	(12)	on	July 11, 200	5				<del></del>
(13)	Alternative Identification for	(13)	U.S. application	on Serial Numbe	r 1	1/179,675		<del></del>	
	filed applications		filed	July 13, 200	)5				
any app Assigned claims of reexami States in full right herewith identification	lication or continuation e in every way possible 3) The undersigned or provisions of the Inte 4) The undersigned nation a grant of a valid 5) The undersigned esulting from said app to convey the entire in 6) The undersigned	agreem or divide in of divide i	e(s) to execute a vision thereof, or btaining evidence e(s) to execute a anal Convention e(s) to perform ted States paten by authorize(s) a an(s) to the said therein assigner	all papers necest any patent or re- e and going forvall papers and d for Protection of all affirmative at to the Assignee and request(s) the Assignee, as Ad, and that he have firm of Bann	eissue a vard with locumen Industri acts whice e. e Common Saignee as (they were & Ward with the work with the wor	pplication ban such interfits and performal Property och may be missioner of of the entire have) not e	ased thereon, erence.  form any act vor similar agreenecessary to execute to issess interest, and executed, and of the power	for the invention, a which may be nece sements. obtain, maintain ue any and all Let hereby covenants will not execute, a to insert on this	y be declared concerning and to cooperate with the essary in connection with or confirm by reissue of the Patents of the United at the has (they have ny agreements in conflict assignment any further nd Trademark Office for
	In witness whereof,	execu	ited by the und	lersigned on th	e date(s	s) opposite	the undersig	ned name(s).	
Date	Jul. 11,	20	05	Name of Inv	ventor	mot Motohiro YA	ohiro SUI	Yasin	(SEAL)
Date				Name of Inv	ventor		·		(SEAL)
Date	·			Name of Inv	ventor				(SEAL)
Date				Name of Inv	ventor				(SEAL)
Date				Name of Inv	ventor				(SEAL)
Date				Name of Inv	ventor				(SEAL)
Date				Name of Inv	ventor				(SEAL)

Name of Inventor

Date

**RECORDED: 09/27/2005** 

PATENT REEL: 017028 FRAME: 0758