



U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

10-03-2005 SEP 2 8 2005 Atty Docket No.: FORM PTO-1595 06-04

Name: KABUSHIKI KAISHA TOSHIBA Address: 1-1, Shibaura 1-chome, Minato-ku, Tokyo, Japa  Additional name(s) and address(es) attached? □ Yes ■ N
Address: 1-1, Shibaura 1-chome, Minato-ku, Tokyo, Japa
Additional name(s) and address(es) attached? □ Yes ■ N
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6. Total applications and patents involved: 1
7. Total fee (37 CFR 3.41): \$40.00
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## **Assignment of Application**

ERT NAMES	WHEREAS, I (WE) Takashi KAWAKUBO of Yokohama-shi, Kanagawa, Japan;	
D RESIDENCE DRESS OF ENVENTORS:	Toshihiko NAGANO of Kawasaki-shi, Kanagawa, Japan;	
	Kazuhide ABE of Kawasaki-shi, Kanagawa, Japan;	
	Michihiko NISHIGAKI of Kawasaki-shi, Kanagawa, Japan.	
		respectively
		respectively
ERT TITLE OF ENTION:	have invented certain new and useful improvements in: <u>PIEZOELECTRIC ACTUATOR AND MICRO-</u>	
	ELECTROMECHANICAL DEVICE	
ERT DATE ENTORS SIGNED CLARATION:	For which an application for Letters Patent was executed on August 10, 2005	
	(Application No. 11/196,596 , filed <u>August 4, 2005</u>	), and
	WHEREAS, KABUSHIKI KAISHA TOSHIBA	
ERT NAME	WILKEAS, KADUSHIKI KAISHA IOSHIDA	

INSERT NAME AND ADDRESS OF COMPANY OR

(hereinafter referred to as "ASSIGNEE") having places of business at: 1-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

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Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, 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.

Date:	August 10, 2005	Fubust Thurst 6-2
		(Signature of Inventor) Takashi KAWAKUBO
Date: _	August 10, 2005	Toshilifo Nagano
		(Signature of Inventor) Toshihiko NAGANO
Date: _	August 10, 2005	Kazulide abe
		(Signature of Inventor) Kazuhide ABE
Date: _	August 10, 2005	michikiloe Mishigafi
		(Signature of Inventor) Michihiko NISHIGAKI
Date:		
_		(Signature of Inventor)
Date:		
_		(Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C. ATTORNEYS AT LAW 1940 DUKE STREET **ALEXANDRIA, VIRGINIA 22314** 

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**PATENT** REEL: 017031 FRAME: 0770

RECORDED: 09/28/2005