			06-11-20	02	7\$		
Form-PTO-1595 TRA 1-31-92		'RA			CORDATION Atty. Docket: 00684.003325.		
	To the Director, U.S. Patent	t an	1021183	73 -	hed original documents or copy thereof.		
1.	Name of conveying party(ies):	6-	5-02	2. Name and	address of receiving party(ies):		
	AKIRA UNNO, TAKAO YONE TAKANORI MATSUDA, and K	EHÀRA, '	TETSURO FUKUI, KA WASA	Name: <u>CANC</u>	ON KABUSHIKI KAISHA		
	Additional name(s) of conveying  Yes	X No	JUN 0 5 2002	Foreign Addr	ress: 30-2, Shimomaruko 3-chome, Ohta-ku  Tokyo, Japan		
3.	Nature of conveyance:  X Assignment Security Agreement Other		e of Name	Domestic Add	dress:		
	Execution Date: May 24, 2002; 2002; May 22, 2002; May 23, 20		2002; May 22,	City	State ZIP		
					me(s) & address(es) attached?  Yes X No		
4.	Application number(s) or patent of this document is being filed to A. Patent Application Number: Filing Date: February 11, 20	gether wi 10/071,0 002	th a new application,	B. Title of LIQUID I	late of the application is: of Invention: PIEZOELECTRIC STRUCTURE, EJECTION HEAD AND MANUFACTURING O THEREFOR  X No		
5.	Name and address of party to whom corresponden concerning document should be mailed:		espondence	6. Number o	f applications and patents involved:		
	Name: Fitzpatrick, Cella, Harp		per & Scinto		One		
	30 Rockefelle	er Plaza		7. Total fee	(37 CFR 3.41): \$ 40.00		
	New York, N		10112-3801	X Enclos Author	sed rized to be charged to deposit account		
	Telephone No.: (212) 218-210	00	×	8. Deposit ac	ccount number (for deficiency or excess)		
	Facsimile No.: (212) 218-220	00		(Attach du	06-1205  plicate copy of this page if paying by deposit account):		
6/10/	2002 DOYRNE 00000199 10071095	<del></del>		(1 factif da	pricate copy of this page is paying by deposit accounty.		
1 FC:581 40.00 OP DO NOT USE			DO NOT USE 7	THIS SPACE			
9.	Statement and signature.  To the best of my knowledge and true copy of the original document Joseph W. Ragusa (38,586)  Name of Person Signing	belief, th	ne foregoing information	on is true and t	the attached is the original document or is a  June 4, 2002  Date		
	Traine of Terson digning		Total number of	pages including	g cover sheet, attachments, and documents:		

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PATENT REEL: 012962 FRAME: 0432

## Assignment

FOR VALUE RECEIVED				
Akira UNNO	Takao YONEHA	ARA	Tetsuro FUKUI	
<u> Takanori MATSUDA</u> and	l <u>Kiyotaka WAS</u>	SA		<del></del>
citizen(s) of Japan				
residing at (respectively) 66-1-401 Ueki, Kamakura-s 2235-2 Nurumizu, Atsugi-s 25-9 Tanacho, Aoba-ku, Yo 1-14-2-202 Shinishikawa, 2-7-27 Chiyogaoka, Nara-s hereby sell. assign. transfer and com CANON KABUSHIKI KAISHA 3-30-2 Shimomaruko, Ohta Kiyotaka WASA, a corpora 2-7-27 Chiyogaoka, Nara- their successors, assigns and legal re interest, for the United States in and PIEZOELECTRIC STRUCTURE, and described in an application for L	shi, Kanagawa-bkohama-shi, k Aoba-ku, Yoko shi, Nara-ken, vey unto A, a corporation a-ku, Tokyo, a ation of Japan ha shi, Nara-ken epresentatives (here to certain invention LIQUID EJECTI	ken, Japan; Kanagawa-ken, Anagawa-ken, Anagawa-ken, Anagawa-ken, Anagama-shi, Kanagama-shi Anagama having a place of busing a place of busing a place of busing to HEAD AND Marchited States filed of the stat	agawa-ken, Japan; agawa-ken, Japan; agawa-ken, Japan; aga place of business at mess at assignees"), the entire right, ANUFACTURING METHO	title and  D THEREFOR  on No. 10/071,095
and described in an application for i and in and to said application, and a States which may be granted thereon Commissioner for Patents and Tradem Assignees or to such nominees as the	li divisions, renewals , and all reissues ar arks of the United S	s, and continuations t ad extensions thereof	thereof and all Letters Pate ; and we hereby authorize a	nt of the United and request the
AND we authorize and empower the souther form of protection for said involved the Protection of Industrial Properties to invoke and claim such right of	entions, the benefit erty, as amended, or	of the right of prior: by any convention :	ity provided by the interna which may henceforth be su	tional Convention
AND we hereby consent that a copy of ment, consent to file or like documen in proof of the right of said Assigne International Convention for the Protforth be substituted for it.	t which may be requ es or nominees to cl	uired in the United S aim the aforesaid ber	States for any purpose and nefit of the right of priority	more particularly provided by the
AND we hereby convenant that we hat that we have not executed and will n	ive the full right to ot execute any agre	convey the entire ri ement in conflict her	ght, title and interest herei ewith.	n assigned and
AND we hereby convenant and agree ing to said inventions, and testify in reissue applications, make all rightfu to aid said Assignees or nominees in in the United States.	all legal proceeding Loaths and declarat	ts, sign all lawful pay ions and in general t	pers, execute all divisional, perform all lawful acts neces	continuing and ssarv or proper
By: Chia Ula Akira UNNO	nnt	Date:	y 24, 2002 y 22, 2002	
By: Takao YONFARA	pa	Date: Mg	77	
By: <u>Itsuro</u> Tetsuro FUKUI	Fulrui	Date: Ma	y 2002	
			,	

- 1 -

PATENT REEL: 012962 FRAME: 0433 By: Takanori MATSUDA

By: Kijotaka Wasa

Kiyotaka WASA

Date: May 23, 2002

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**RECORDED: 06/05/2002** 

PATENT REEL: 012962 FRAME: 0434