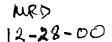
11-13-2002





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Case Docket No. 980883

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

RECORDATION FORM COVER SHEET PATENTS ONLY

To the Assistant Commissioner for Patents. Please record the attached original documents or copy thereof.

1. Name of conveying parties:

NUD 17-17-98

Masayuki OCHIAI, Hidefumi UEDA, Yasuo YAMAGISHI, Nobuo KAMEHARA, Michio SONO, Ichiro YAMAGUCHI, Kazuhiko MITOBE, Koki OTAKE, Junichi KASAI, Masataka MIZUKOSHI, Masahiro YOSHIKAWA

Additional name(s) of conveying party(ies) attached? Yes No XX

2. Name and address of receiving party:

09749521

Name: FUJITSU LIMITED

Street Address:

1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi

Kanagawa 211-8588, Japan

Additional name(s) & address(es) attached? Yes No XX

3. Nature of conveyance: Assignment

Execution Date: July 9, 1998

09/118,064

4. Title:

PUMP-FORMING METHOD USING TWO PLATES AND ELECTRONIC DEVICE

REEL: 013243 FRAME: 0249



5. 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: <u>July 9, 1998</u>				
Additional numbers attached? Yes No XX				
6. Name and address of party to whom correspondence concerning document should be mailed:				
Name: Armstrong, Westerman, Hattori, McLeland & Naughton Suite 1000 1725 K Street, N.W. Washington, D.C. 20006				
7. Total number of applications and patents involved: 1				
8. Total fee (37 CFR 3.41)				
XX Check enclosed				
9. Deposit Account No.: <u>01-2340</u>				
10. 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.				
William L. Brooks Reg. No.: 34,129 Date 7/17/98				
Total number of pages including cover sheet:				
WLB/nrp				

PATENT REEL: 013243 FRAME: 0250

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter "ASSIGNOR") by

	the undersigned inventor(s) (hereinal	ter "ASSIGNOR") by			
(Insert	FUJITSÚ LIMITED				
ASSIGNEE's Name(s)	1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi,				
Address(es))	Kanagawa 211-8588, Japan				
	·				
		eceipt of which is hereby acknowledged and exclusive right, title and interest	, the undersigned ASSIGNOR hereby sell- to the invention entitled	;, assigns and	
(Title of Invention)	BUMP-FORMING METH	HOD USING TWO PLATE	S AND ELECTRONIC DEVI	CE	
		pplication PCT/JP / on even date herewith or, if not so ex	and/or for which application for I ecuted, was:	etters Patent	
Insert date	(a) executed on	; [<u></u> ;			
f execution f application, not oncurrent)	(b) filed on,				
	renewal, substitute, reissue or ree	camination application based thereon,	anted on said application and any continua for the full term or terms for which the sai ely, hereinafter, "said application(s) and Le	id Letters	
	ASSIGNEE, to do all acts which to enforcing protection for said inver- said Letters Patent(s), in any inter- proceeding which may arise or be	the ASSIGNEE may deem necessary, of the preparation and ofference, reissue, reexamination, or puldeclared in relation to same, such acts	E and without charge to but at the expense desirable or expedient, for securing, maintal prosecution of said application(s) and the polic use proceeding, and in any litigation of to include but not be limited to executing, providing sworn testimony, and obtaining	ining and issuance of other legal all papers,	
	IN WITNESS WHERE	OF, the undersigned inventor(s) has (nave) affixed his/her/their signature(s).		
(Signatures)	1 Masayaki Ochiai	Masayuki Ochiai	July 9, 1998		
	(SIGNATURE)	(TYPE NAME)	(DATE)		
	2 Hidelami Ued.	Hidefumi Ueda	July 9, 1998 (DATE)		
	yana Yasuo Yanagisi	et .			
	(SIGNATURE)	Yasuo Yamagishi (TYPE NAME)	July 9, 1998 (DATE)		
	a delia Kamilia	Nobuo Kamehara	July 9, 1998		
	(SIGNATURE)	(TYPE NAME)	(DATE)		

(to be continued on page 2)

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5 Millio Stono	Michio Sono	July 9, 1998
6 Chiro Jamagachi (SIGNATURE)	Ichiro Yamaguchi	July 9, 1998
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n Kaguhikso Mitabe	Kazuhiko Mitobe	July 9, 1998
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6) Koki Otake (SIGNATURE)	Koki Otake	July 9, 1998
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grande Cason	Junichi Kasai	July 9, 1998
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101 Masatakor Mizukoshi	Masataka Mizukosh	i July 9, 1998
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RECORDED: 12/28/2000

PATENT REEL: 013243 FRAME: 0252