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OFFICE

JC490 U.S. PTO 09/749521  
JC549 U.S. PTO 09/118064  
07/17/98  
12/28/00

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:

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

MRD  
7-17-98

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

7/23/1998 JWSHNSG 00000004 09118064

40.00 OP

33 FC:561

PATENT

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: July 9, 1998

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). . . . . \$ **40.00**

XX Check enclosed

9. Deposit Account No.: 01-2340

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

Date 7/17/98

William L. Brooks  
Reg. No.: 34,129

Total number of pages including cover sheet:

WLB/nrp

# 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

(Insert  
ASSIGNEE's  
Name(s)  
Address(es))

FUJITSU LIMITED  
1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi,  
Kanagawa 211-8588, Japan

(hereinafter "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

(Title of  
Invention)

BUMP-FORMING METHOD USING TWO PLATES AND ELECTRONIC DEVICE

relating to International Patent Application PCI/JP \_\_\_\_\_/\_\_\_\_\_ and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

(Insert date  
of execution  
of application,  
if not  
concurrent)

(a) executed on \_\_\_\_\_ ;  
(b) filed on \_\_\_\_\_ ;  
Serial No. \_\_\_\_\_ / \_\_\_\_\_ ;

( _____ ) _____ ) is hereby authorized to insert in (b) the specified data, when known.
---

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Signatures)

1) <u>Masayuki Ochiai</u> (SIGNATURE)	<u>Masayuki Ochiai</u> (TYPE NAME)	<u>July 9, 1998</u> (DATE)
2) <u>Hidefumi Ueda</u> (SIGNATURE)	<u>Hidefumi Ueda</u> (TYPE NAME)	<u>July 9, 1998</u> (DATE)
3) <u>Yasuo Yamagishi</u> (SIGNATURE)	<u>Yasuo Yamagishi</u> (TYPE NAME)	<u>July 9, 1998</u> (DATE)
4) <u>Nobuo Kamehara</u> (SIGNATURE)	<u>Nobuo Kamehara</u> (TYPE NAME)	<u>July 9, 1998</u> (DATE)

(to be continued on page 2)

5) Michio Sono Michio Sono July 9, 1998  
(SIGNATURE) (TYPE NAME) (DATE)

6) Ichiro Yamaguchi Ichiro Yamaguchi July 9, 1998  
(SIGNATURE) (TYPE NAME) (DATE)

7) Kazuhiko Mitobe Kazuhiko Mitobe July 9, 1998  
(SIGNATURE) (TYPE NAME) (DATE)

8) Koki Otake Koki Otake July 9, 1998  
(SIGNATURE) (TYPE NAME) (DATE)

9) Junichi Kasai Junichi Kasai July 9, 1998  
(SIGNATURE) (TYPE NAME) (DATE)

10) Masataka Mizukoshi Masataka Mizukoshi July 9, 1998  
(SIGNATURE) (TYPE NAME) (DATE)

11) Masahiro Yoshikawa Masahiro Yoshikawa July 9, 1998  
(SIGNATURE) (TYPE NAME) (DATE)

12) \_\_\_\_\_  
(SIGNATURE) (TYPE NAME) (DATE)

13) \_\_\_\_\_  
(SIGNATURE) (TYPE NAME) (DATE)

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(SIGNATURE) (TYPE NAME) (DATE)

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(SIGNATURE) (TYPE NAME) (DATE)

19) \_\_\_\_\_  
(SIGNATURE) (TYPE NAME) (DATE)

20) \_\_\_\_\_  
(SIGNATURE) (TYPE NAME) (DATE)