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OMB No. 0651-0011 (exp. 4/94)

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

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Masayuki Kitajima, Yutaka Noda, Seiichi Shimoura, Toru Okada, Masanao Fujii, Kenji Iketaki, Hidehiko Kobayashi, Masakazu Takesue, Keiichi Yamamoto, and Hisao Tanaka.

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

3. Nature of conveyance:

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Execution Date: March 9, 2001

2. Name and address of receiving party(ies)

Name: Fujitsu Limited

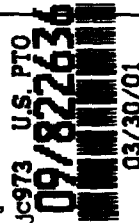
Internal Address:

Street Address: 1-1, Kamikodanaka 4-chome,

Nakahara-ku, Kawasaki, Kanagawa 211-8588 Japan

City: State: ZIP:

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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: March 9, 2001

A. Patent Application No.(s)

B. Patent No.(s)

09822636

Additional numbers attached? () Yes (X) No.

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Patrick G. Burns
Greer, Burns & Crain, Ltd.

Internal Address: 300 South Wacker Drive

Suite 2500

Chicago, Illinois 60606

Street Address:

City: State: ZIP:

Additional name(s) & address(es) attached: () Yes (X) No

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$ 40.00

(X) Enclosed

(X) Authorized to be charged to deposit account only in the event proper payment is not enclosed.

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PATENT
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UTILITY PATENT

ASSIGNMENT

FOR VALUE RECEIVED, the receipt of which is hereby acknowledged, the following inventor or inventors (hereinafter called "ASSIGNOR")

Name: Masayuki Kitajima, Yutaka Noda, Seiichi Shimoura, Toru Okada,
Address: Masanao Fujii, Kenji Iketaki, Hidehiko Kobayashi, Masakazu Takesue,
Keiichi Yamamoto, and Hisao Tanaka
C/O FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku,
Kawasaki, Kanagawa 211-8588 Japan

hereby assigns, transfers and sets over to:

Name: FUJITSU LIMITED
Address: 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki, Kanagawa
211-8588 Japan

(hereinafter called "ASSIGNEE"). the entire worldwide right, title and interest in and to the invention known as:

METHOD OF BONDING PIEZOELECTRIC ELEMENT AND ELECTRODE, AND PIEZOELECTRIC MICROACTUATOR USING THE BONDING METHOD

for which a United States Patent Application was executed on even date herewith or, if not so executed, was:

- (a) executed on _____; or
- (b) filed on _____,
Serial No. ____/_____;

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(1) The ASSIGNOR agrees without charge to said ASSIGNEE but at its expense (a) to execute (i) all necessary papers to be used in connection with this application and any additional, continuing, or divisional applications, as the ASSIGNEE may deem necessary or expedient, (ii) all papers in connection with any interference or other legal or quasi-legal proceedings relating to this application or any additional, continuing, or divisional application thereof; (b) to cooperate with ASSIGNEE in every way possible in obtaining evidence and going forward in any such proceedings; and (c) to perform all other affirmative acts which may be necessary or desirable to obtain a grant of a valid patent for said invention.

(2) ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States to issue any and all Letters Patent that may be granted upon any patent application or any additional, continuing or divisional applications thereof to the ASSIGNEE, its successors and assigns.

(3) ASSIGNOR hereby covenants and warrants that he has full right to convey the entire

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(4) ASSIGNOR hereby grants to the law firm of GREER, BURNS & CRAIN, LTD. of Chicago, Illinois, authority and power to insert on this instrument any further identification which may be necessary or desirable for purposes of recordation in the United States Patent and Trademark Office or a Patent Office of any foreign country.

Date March 9, 2001

Signature of inventor Masazuki Kitajima

Date March 9, 2001

Signature of inventor Yutaka Noda

Date March 9, 2001

Signature of inventor Seiichi Shimoura

Date March 9, 2001

Signature of inventor Toru Okada

Date March 9, 2001

Signature of inventor Masanori Fujii

Date March 9, 2001

Signature of inventor Kenji Ikeda

Date March 9, 2001

Signature of inventor Hidehiko Kobayashi

Date March 9, 2001

Signature of inventor Masakazu Fuke

Date March 9, 2001

Signature of inventor Keiichi Yamamoto

Date March 9, 2001

Signature of inventor Huao Tanaka

Date _____

Signature of inventor _____

Date _____

Signature of inventor _____

Date _____

Signature of inventor _____

Date _____

Signature of inventor _____

Date _____

Signature of inventor _____