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attached original documents or copy thereof.

JS973 U.S. PTO
09/822621
03/30/01

1. Name of conveying party(ies):

**Masanao Fujii, Toru Okada, Masayuki Kitajima,
Hidehiko Kobayashi and Seiichi Shimoura**

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

3/30/01

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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3. Nature of conveyance:

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Execution Date: **March 5, 2001**

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 5, 2001**

A. Patent Application No.(s)

B. Patent No.(s)

09822621

Additional numbers attached? () Yes (X) No

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

Name: **Patrick G. Burns
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Internal Address: **300 South Wacker Drive
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6. Total number of applications and patents involved: **1**

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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.

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March 30, 2001
Date

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PATENT
REEL: 011676 FRAME: 0376

UTILITY PATENT

ASSIGNMENT

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

Name: Masanao Fujii, Toru Okada, Masayuki Kitajima, Hidehiko Kobayashi,
Address: and Seiichi Shimoura

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:

MICRO-ACTUATOR AND METHOD OF PRODUCING THE SAME

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

right, title and interest by this instrument, free of any encumbrances and that no other agreement has been or will be executed in conflict herewith.

(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 5, 2001

Signature of inventor Masanao Fujii

Date March 5, 2001

Signature of inventor Tom Oshida

Date March 5, 2001

Signature of inventor Masayuki Kitajima

Date March 5, 2001

Signature of inventor Hidehiko Kobayashi

Date March 5, 2001

Signature of inventor Keiichi Shimoura

Date _____

Signature of inventor _____

Date _____

Signature of inventor _____

Date _____

Signature of inventor _____