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DT02 Rec'd PCT/PTO 13 SEP 2002

Attorney Docket No. 021170

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Submission type: X New

Conveyance type: X Assignment

Conveying Party(ies): (Last, First, Middle Initial) Execution Date

First party Name: **FUJITA, Hiroyuki** July 17, 2002

Second party Name: **KOBAYASHI, Dai** July 17, 2002

Third party Name: **MITA, Makoto** July 17, 2002

Fourth party Name: **TENSAKA, Shouichi** July 17, 2002

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

Receiving Party(ies):

First party Name: **JAPAN SCIENCE AND TECHNOLOGY CORPORATION**  
Address: 1-8, Hon-cho 4-chome, Kawaguchi-shi, Saitama 332-0012, Japan

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

Domestic Representative Name and Address (Enter for the first Receiving Party only)

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**Correspondent Name and Address**

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**Pages** Enter the total number of pages of the attached conveyance document: 1  
(including any attachments, but not counting cover sheets)

**Application Number(s) or Patent Number(s)** Additional numbers attached? Yes ☐ No ☒ XX

A. Patent Application No.(s)

B. Patent No.(s)

## 10221151

##

If this document is being filed together with a new application, enter the date the application was signed by the first named executing inventor: July 17, 2002  
(Do not recite both application and patent numbers.)

**Patent Cooperation Treaty (PCT)**Enter PCT application number only if

a U.S. Application Number has not been assigned

PCT PCT/JP01/02119PCT                     PCT                     

**Number of Properties** Enter the total number of properties involved: 1

**Fee Amount**

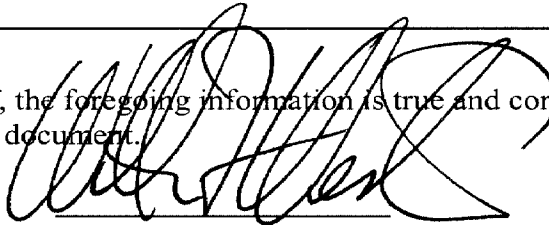
Fee Amount for Properties Listed (37 CFR 3.41). . . . . \$40.00

XX Enclosed     Authorized to be charged to Deposit Account No.: 01-2340**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 F. Westerman

Name of Person Signing



Signature

September 13, 2002

Date

29,988

Registration No.

Rev. 11/00

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**PATENT**  
**REEL: 013890 FRAME: 0463**

**U.S. ASSIGNMENT**(Insert ASSIGNEE's  
Name(s) Address(es))

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  
Japan Science and Technology Corporation of 1-8,  
Hon-cho 4-chome, Kawaguchi-shi, Saitama 332-0012 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)

"MICRO-ACTUATOR AND METHOD MAKING THE SAME"

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 being filed after the  
 filing of the  
 application, this  
 section must be  
 completed)

for which application for Letters Patent of the United States was executed on even date herewith  
 unless otherwise indicated below:

filed on \_\_\_\_\_, Serial No. \_\_\_\_\_.

(Armstrong, Westerman & Hattori, LLP is hereby authorized to insert the series code, serial  
 number and/or filing date hereon, when known)

and all Letters Patent of the United States to be obtained therefore on said application or any  
 continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms for  
 which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with the application and  
 any continuation, divisional, reissue or reexamination applications thereof and also to execute  
 separate assignments in connection with such applications as the ASSIGNEE may deem necessary  
 or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference,  
 litigation, or other legal proceeding which may be declared concerning this application or any  
 continuation, divisional, reissue or reexamination thereof or Letters Patent or reissue patent issued  
 thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing  
 evidence and proceeding with such interference, litigation, or other legal proceeding.

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

(Signatures)

<u><i>Hirofumi Fujita</i></u> (Signature)	<u>Hirofumi FUJITA</u> (Type Name)	<u>17 July 2002</u> (Date)
<u><i>Dai Kobayashi</i></u> (Signature)	<u>Dai KOBAYASHI</u> (Type Name)	<u>17 July 2002</u> (Date)
<u><i>Makoto Mita</i></u> (Signature)	<u>Makoto MITA</u> (Type Name)	<u>17 July 2002</u> (Date)
<u><i>Shouichi Tensaka</i></u> (Signature)	<u>Shouichi TENSAKA</u> (Type Name)	<u>17 July 2002</u> (Date)
_____ (Signature)	_____ (Type Name)	_____ (Date)
_____ (Signature)	_____ (Type Name)	_____ (Date)

NO LEGALIZATION REQUIRED