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Submission type: X NewConveyance type: X Assignment

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

Execution Date

First party Name: MORIOKA, Hiroshi

September 30, 2003

Second party Name:

Third party Name:

Fourth party Name:

Fifth party Name:

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

10692722

Receiving Party (ies):

First party Name: FUJITSU LIMITED

Address: 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi,  
Kanagawa 211-8588 JapanAdditional name(s) & address(es) attached? Yes    No XX

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

WESTERMAN, HATTORI, DANIELS & ADRIAN, LLP  
1250 Connecticut Avenue, N.W., Suite 700  
Washington, D.C. 20036  
Customer No.: 38834

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**Correspondent Name and Address**

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1250 Connecticut Avenue, N.W., Suite 700  
Washington, D.C. 20036

Telephone: 202-882-1100

**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)

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If this document is being filed together with a new application, enter the date the application was signed by the first named executing inventor: September 30, 2003  
(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

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**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.: 50-2866

**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.

Stephen G. Adrian

Name of Person Signing

Signature

October 27, 2003

Date

32,878

Registration No.

Rev. 11/00

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**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  
**FUJITSU LIMITED**

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

**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)

**MICRO PATTERN FORMING METHOD AND SEMICONDUCTOR DEVICE  
MANUFACTURING METHOD**

(\*If the assignment is  
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)

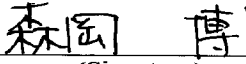
and all Letters Patent of the United States to be obtained therefore on said application or any continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

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)

 (Signature)	<b>Hiroshi Morioka</b> (Type Name)	<u>Sep. 30, 2003</u> (Date)
_____ (Signature)	_____ (Type Name)	_____ (Date)
_____ (Signature)	_____ (Type Name)	_____ (Date)
_____ (Signature)	_____ (Type Name)	_____ (Date)
_____ (Signature)	_____ (Type Name)	_____ (Date)
_____ (Signature)	_____ (Type Name)	_____ (Date)

NO LEGALIZATION REQUIRED