Attorney Docket No. 030862

08-14-2003



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Commissioner for Patents: Please record the attached original documents or copy thereof.

Submission type:

XX New

Conveyance type:

XX Assignment

Conveying Party(ies):

(Last, First, Middle Initial)

Execution Date

First party

Name:

SUGITA, Yoshihiro

April 9, 2003

Second party

Name:

MORISAKI, Yusuke

April 9, 2003

Third party

Name:

IRINO, Kiyoshi

April 9, 2003

Fourth party

Name:

XIAO, Shiqin

April 9, 2003

Fifth party

Name:

OHBA, Takayuki

April 9, 2003

10/633534 Additional name(s) of conveying party(ies) attached? Yes No

Receiving Party (ies):

First party

Name: FUJITSU LIMITED

Address: 1-1, Kamikodanaka 4-chome, Nakahara-ku,

Kawasaki-shi, Kanagawa, 211-8588 Japan

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

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

> ARMSTRONG, WESTERMAN & HATTORI, LLP 1725 K Street, N.W., Suite 1000

Washington, D.C. 20006 Customer No.: 23850

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PATENT REEL: 014369 FRAME: 0546

Page 2			
Correspondent Name and Address ARMSTRONG, WESTERMAN & HATTORI, LLP 1725 K Street, N.W., Suite 1000 Washington, D.C. 20006			
Pages Enter the total number of pages of the attached conveyance document: (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) ##			
If this document is being filed together with a <u>new</u> application, enter the date the application was signed by the first named executing inventor: <u>April 9, 2003</u> (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 PCT PCT PCT PCT PCT PC			
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. Stephen G. Adrian Name of Person Signing Signature			
August 5, 2003 Date 32,878 Registration No.			

Rev. 11/00

PATENT REEL: 014369 FRAME: 0547

Docket 1	N/A

ARMSTRONG WESTERMAN & HATTORLLLP

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 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)

MANUFACTURE METHOD FOR SEMICONDUCTOR DEVICE WITH PATTERNED FILM OF ZrO_2 OR THE LIKE

(*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)

Soshihoro Sugita	Yoshihiro Sugita	April 9, 2003
(Signature)	(Type Name)	(Date)
Jusula Morischi (Signature)	Yusuke Morisaki	April 8, 2003
(Signature)	(Type Name)	(Date)
Hiyoshi Quino (Signature)	Kiyoshi Irino (Type Name)	April 9, 2003 (Date)
Shigin Xlaw	Shiqin Xiao	April 4, 2003
(Signature)	(Type Name)	(Date)
Total Color (Signature)	Takayuki Ohba (Type Name)	April R. 2003
(Signature)	(Type Name)	(Date)

NO LEGALIZATION REQUIRED

RECORDED: 08/05/2003

PATENT REEL: 014369 FRAME: 0548