

02-27-2004



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U.S. PTO
10/780701Attorney Docket No. 042113

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Submission type: XX New AddressConveyance type: XX Assignment

Conveying Party(ies):		(Last, First, Middle Initial)	Execution Date
First party	Name:	SUGIURA, Iwao	January 5, 2004
Second party	Name:	NAMIKI, Takahisa	January 7, 2004
Third party	Name:	MATSUOKA, Yoshihiro	January 13, 2004
Fourth party	Name:		
Fifth party	Name:	101780701	

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

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)

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

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02/24/2004 DTESSEN1 00000090 10780701

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PATENT
 REEL: 015009 FRAME: 0771

Correspondent Name and Address

Telephone: 202-822-1100

WESTERMAN, HATTORI, DANIELS & ADRIAN, LLP

1250 Connecticut Avenue, N.W., Suite 700

Washington, D.C. 20036

Pages Enter the total number of pages of the attached conveyance document: 1

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

A. Patent Application No.(s)

B. Patent No.(s)

##

If this document is being filed together with a new application, enter the date the application was signed by the first named executing inventor: January 5, 2004

(Do not recite both application and patent numbers.)

Patent Cooperation Treaty (PCT)

PCT _____

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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

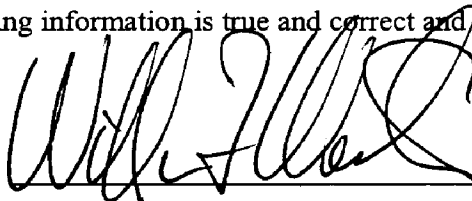
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

William F. Westerman

Name of Person Signing

February 19, 2004

Date



Signature

29,988

Registration No.

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

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

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)

SEMICONDUCTOR DEVICE HAVING A PILLAR STRUCTURE

(*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. _____

(Westerman, Hattori, Daniels & Adrian, 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)

Iwao Sugiura
(Signature)

Iwao Sugiura
(Type Name)

Jan. 5. 2004
(Date)

Takahisa Namiki
(Signature)

Takahisa Namiki
(Type Name)

Jan. 7. 2004
(Date)

Yoshihiro Matsuoka
(Signature)

Yoshihiro Matsuoka
(Type Name)

Jan. 13. 2004
(Date)

(Signature)

(Type Name)

(Date)

(Signature)

(Type Name)

(Date)

(Signature)

(Type Name)

(Date)

NO LEGALIZATION REQUIRED