Attorney Docket No. 020040



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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):

Execution Date

First party

Name:

KATO, Yoshiharu

December 28, 2001

Second party

Name:

KAWAMOTO, Satoru

December 28, 2001

Third party

Name: TANIGUCHI, Fumihiko

December 28, 2001

Fourth party

Name: HIRAOKA, Tetsuya

December 28, 2001

Fifth party

Name: TAKASHIMA, Akira

December 28, 2001

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)

ARMSTRONG, WESTERMAN & HATTORI, LLP 1725 K Street, N.W., Suite 1000 Washington, D.C. 20006

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PATENT REEL: 012547 FRAME: 0523

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:1				
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>December 28, 2001</u> (Do not recite both application and patent numbers.)				
Patent Cooperation Treaty (PCT) PCT				
Enter PCT application number only if PCT a U.S. Application Number has not been assigned 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. Mel R. Quintos Name of Person Signing January 25, 2002 Date Registration No. Rev. 11/00				

PATENT REEL: 012547 FRAME: 0524

U.S. ASSIGNMENT

	IN CONSIDERATION of the su consideration paid to the undersigned			
(Insert ASSIGNEE's	FUJITSU LIMITED			
Name(s) Address(es))	1-1, Kamikodanaka 4-chome			
	Kawasaki-shi. Kanagawa 21	1-8588 Japan		
	(hereinafter ASSIGNEE), the receip hereby sells, assigns and transfers t the invention entitled			
(Title of Invention)	SEMICONDUCTOR DEVICE, METHOD FOR MANUFACTURING THE SEMICONDUCTOR DEVICE AND SEMICONDUCTOR SUBSTRATE			
(*If the assignment is being filed after the filing of the application, this	for which application for Letters P unless otherwise indicated below:	atent of the United States was exe	cuted on even date herewith	
section must be	*filed on	, Serial No	,,,,,,,,,,	
completed)	*filed on	McLeland & Naughton is hereby te hereon, when known)	authorized to insert the series	
	and all Letters Patent of the Unit continuation, divisional, substitute, which the same may be granted.	ed States to be obtained therefor reissue or reexamination thereof f	on said application or any or the full term or terms for	
	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 execulitigation, or other legal proceedin continuation, divisional, reissue or thereon and to cooperate with the evidence and proceeding with such in	reexamination thereof or Letters Pa ASSIGNEE in every way possible	ning this application or any itent or reissue patent issued in obtaining and producing	
	IN WITNESS WHEREOF, the und	dersigned inventor(s) has (have) affix	xed his/her/their signature(s).	
(Simplify)	Moral Day Kreta	Yoshiharu KATO	December 28, 2001	
(Signatures)	(SIGNATURE)	(TYPE NAME)	(DATE)	
	Catalan Variamotes	Satoru KAWAMOTO	December 28, 2001	
	Saforn Kawamolo (SIGNATURE)	(TYPE NAME)	(DATE)	
	Fumikiko - Enigueki	Fumihiko TANIGUCHI	December 28, 2001	
	(SIGNATŬRE)	(TYPE NAME)	(DATE)	
	Tetoluja Heracka	Tetsuya HIRAOKA	December 28, 2001	
	(SIGNATURE)	(TYPE NAME)	(DATE)	
	Tetolyja Heracka (SIGNATURE) Akira Tekashima	Akira TAKASHIMA	December 28, 2001	
	(SIGNATURE)	(TYPE NAME)	(DATE)	
	(SIGNATURE)	(TYPE NAME)	(DATE)	
	(SIGNATURE)	(TYPE NAME)	(DATE)	
	(SIGNATURE)	(TYPE NAME)	(DATE)	

(SIGNATURE) NO LEGALIZATION REQUIRED

Rev. #2 10/92

PATENT REEL: 012547 FRAME: 0525

(DATE)

(TYPE NAME)

RECORDED: 01/31/2002