FORM PTO-1595 (modified)

02-16-2006

Atty. Dkt. No. 040301-0657

U.S. DEPARTMENT OF COMMERCE

:T

Patent and Trademark Office

(1767)			•			
	To the Director of the United States Patent and Trademark Office:	3179977 Please record the attached original documents of the attached original documents original documents of the attached original documents of the attac	ments or copies thereof.			
	Name of conveying party(ies):	2. Name and address of receiving page 2.				
	Masaki YAMADA					
		KABUSHIKI KAISHA TOSH 1-1, Shibaura 1-chome Minato-ku, Tokyo Japan	IBA			
	Additional conveying party(ies) NO Nature of conveyance:					
	ASSIGNMENT Execution Date:					
,	November 18, 2005	Additional name(s) & address(es) at	tached? NO			
4. /	Application number(s) or patent number(s):					
1	If this is being filed together with a new application, the exec					
	A. Patent Application Number(s):	B. Patent Number(s):				
	11/274,477					
	Additional numbe	rs attached? NO				
5. Name and address of party to whom correspondence concerning document should be mailed:		6. Total number of applications/pate	ents involved: 1			
		7. Total fee (37 C.F.R. § 3.41):	\$40.00			
	Pavan K. Agarwal FOLEY & LARDNER LLP	X Check Enclosed				
Washington Harbour 3000 K Street, N.W., Suite 500		Charge to deposit account				
	Washington, D.C. 20007-5143	8. Deposit account number: 19	-0741			
	DO NOT USE	THIS SPACE				
cop	Statement and signature: To the best of my knowledge and belief, the foregoing by of the original document. The Commissioner is hereby a required in this matter to the above-identified deposit accou	uthorized to charge any additional rec	ly attached copy is a true ordation fees which may			
	Pavan K. Agarwal	May MANNER	February 14, 2006			
	Name of person signing	Signature	Date			

Total number of pages including cover sheet, attachments and document: 01 FC:8021

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

name and

KABUSHIKI KAISHA TOSHIBA

address of assignee

1-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to this invention relating to

title of invention

SEMICONDUCTOR DEVICE AND FABRICATION METHOD FOR THE SAME

as set forth in this United States Patent Application

check one		executed concurrently herewith						
		executed on		<u></u>				
	K	Serial No.	11/274,477		Filed	November	16.	2005

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith:

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

-1-

XXX.XXXXX XA PATENT REEL: 017551 FRAME: 0628 Each of the undersigned hereby grants the firm of FOLEY & LARDNER the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

NAMES AND SIGNATURES OF INVENTORS							
Name: Masaki YAMADA	Signature: Masaki Jamada	Date: November 18.20					
Name:	Signature:	Date:					
Name:	Signature:	Date:					
Name:	Signature:	Date:					
Name:	Signature:	Date:					
NAMES AND SIGNATURES OF WITNESSES							
Name:	Signature:	Date:					
Name:	Signature:	Date:					

Note: *Prima facie* evidence of execution may optionally be obtained by execution of this document before a U.S. Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a U.S. Consul.

-2-

XXX.XXXXXX.XA

PATENT REEL: 017551 FRAME: 0629