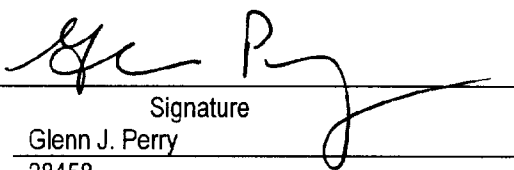
													
101885029													
TO THE ASSISTANT COMMISSIONER OF PATENT AND TRADEMARK OFFICE SIR: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPIES THEREOF.													
1. NAME OF CONVEYING PARTY(IES) (ASSIGNORS(S)): 1. Satoshi INABA 3. 5. 7.													
<i>10/17/01</i>													
ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO													
2. PARTY(IES) (ASSIGNEE(S)) RECEIVING INTEREST: NAME: KABUSHIKI KAISHA TOSHIBA ADDRESS: 72 Horikawa-cho, Saiwai-ku, Kawasaki-shi, Japan													
ADDITIONAL NAME(S) & ADDRESS(ES) ATTACHED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO													
<i>09/977933</i>													
3. NATURE OF CONVEYANCE (DOCUMENT): (Submit herewith <u>only one document</u> for recordation—multiple copies of same Assignment signed by different inventors is one document)													
<input checked="" type="checkbox"/> ASSIGNMENT OF <input checked="" type="checkbox"/> WHOLE <input type="checkbox"/> PART INTEREST <input type="checkbox"/> ORIGINAL <input checked="" type="checkbox"/> FACSIMILE/PHOTOCOPY <input type="checkbox"/> CHANGE OF NAME <input type="checkbox"/> VERIFIED TRANSLATION <input type="checkbox"/> SECURITY <input type="checkbox"/> MERGER <input type="checkbox"/> OTHER:													
EXEC. DATE: March 10, 1999													
EXECUTION DATE(S) ON THE DECLARATION IF FILED HEREWITH: (NOTE: IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!) March 10, 1999													
4.5 APPL. NO.(S) OR PAT NO.(S). OTHERS ON ADDITIONAL SHEET(S) attached? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO													
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 20%;">A. PAT. APP. NO.(S) series code/serial no</th> <th style="width: 10%;">M#</th> <th style="width: 20%;">1st INVENTOR if not in item 1</th> </tr> </thead> <tbody> <tr> <td></td> <td style="text-align: center;">284023</td> <td></td> </tr> </tbody> </table>	A. PAT. APP. NO.(S) series code/serial no	M#	1 st INVENTOR if not in item 1		284023		<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 20%;">B. PATENT NO(S)</th> <th style="width: 10%;">M#</th> <th style="width: 20%;">1st INVENTOR if not in item 1</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table>	B. PATENT NO(S)	M#	1 st INVENTOR if not in item 1			
A. PAT. APP. NO.(S) series code/serial no	M#	1 st INVENTOR if not in item 1											
	284023												
B. PATENT NO(S)	M#	1 st INVENTOR if not in item 1											
5. Name & Address of Party to Whom Correspondence Concerning Document Should be Mailed: Pillsbury Winthrop LLP Intellectual Property Group 1600 Tysons Boulevard McLean, VA 22102 Tel: (703) 905-2000	6. NUMBER INVOLVED: APPLNS <u>1</u> + PATS <u>0</u> = TOTAL = <u>1</u> 7. AMOUNT OF FEE ENCLOSED: (Code 581) ABOVE TOTAL x \$40 = \$40												
5.5 ATTY DKT: <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">P 284023</td> <td style="width: 40%;">TRN-98S1152-D</td> </tr> <tr> <td style="text-align: center;">MATTER NO.</td> <td style="text-align: center;">CLIENT REF.</td> </tr> </table>	P 284023	TRN-98S1152-D	MATTER NO.	CLIENT REF.	8. IF ABOVE FEE IS MISSING OR INADEQUATE CHARGE INSUFFICIENCY TO DEPOSIT ACCOUNT NUMBER: 03-3975 <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">UNDER ORDER NO</td> <td style="width: 30%;">8312</td> <td style="width: 40%;">284023</td> </tr> <tr> <td style="text-align: center;">dup. sheet not required</td> <td style="text-align: center;">CLIENT NO.</td> <td style="text-align: center;">MATTER NO.</td> </tr> </table>	UNDER ORDER NO	8312	284023	dup. sheet not required	CLIENT NO.	MATTER NO.		
P 284023	TRN-98S1152-D												
MATTER NO.	CLIENT REF.												
UNDER ORDER NO	8312	284023											
dup. sheet not required	CLIENT NO.	MATTER NO.											
9. 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.													
 Signature	10. Total number of pages including this cover sheet, attachments and document (do not file dup. Cover sheet) <div style="border: 1px solid black; width: 50px; height: 30px; margin: 0 auto; text-align: center; line-height: 30px;">3</div>												
Attorney: <u>Glenn J. Perry</u> Reg. No. <u>28458</u> Atty/Sec: <u>gjp/tcs</u>	Date: <u>October 17, 2001</u> TEL: (703) 905-2161 FAX: (703) 905-2500												

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A S S I G N M E N T

In consideration of value received, I, having a post office address at c/o Intellectual Property Division, KABUSHIKI KAISHA TOSHIBA, 1-1 Shibaura 1-chome, Minato-ku, Tokyo 105-8001, Japan and a residence as stated below next to my name, the sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are listed below) of an invention described in an application for United States patent entitled:

SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THE SAME

said application having been filed on January 22, 1999
and assigned Serial No. 09/235,310 ;
sell and assign to
KABUSHIKI KAISHA TOSHIBA
a corporation of Japan, having a business address at
72 Horikawa-cho, Saiwai-ku, Kawasaki-shi, Japan

its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention as disclosed, shown and described in said application for United States patent: (check one)

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and in and to all applications for patent and patents for said invention, in all countries of the world, including all divisions, reissues, continuations, substitutions and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property, including rights of priority, resulting from the filing of any of said applications; and I authorize and request any official whose duty is to issue patents, to issue any patent on said invention or resulting therefrom to said Assignee, and I agree that on request and without further consideration, but at the expense of said Assignee, I will communicate to said Assignee or its representatives all facts known to me respecting said invention and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue, or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce proper patent protection for said invention in all countries.

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ASSIGNMENT

98S1152

Inventor: (Signature)

Date

Residence

Satoshi Inaba
Satoshi Inaba

MAR. 10. 1999

Peekskill, New York 10566

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