

12-22-2004



102909132

ATTN. BOX ASSIGNMENTS RECORDATION  
SERVICES

To the Honorable Commissioner  
Please record the attached origin

1. Name of conveying party(ies): Toshiyuki SASAKI	2. Name and address of receiving party(ies): Name: <b>KABUSHIKI KAISHA TOSHIBA</b>
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Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Internal Address:
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3. Nature of conveyance:	Street Address: 1-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan
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<input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger	City:
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<input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name	State:	Zip Code:
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<input type="checkbox"/> Other:	Additional name(s) & Address(es) attached?
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Execution Date: November 5, 2004	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application: November 5, 2004

A. Patent Application Number(s): 12/13/2004 HDENESS1 00000033 11008177 01 FC:8021 40.00 DP	B. Patent Number(s):
Additional numbers attached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

4. Name and address of party to whom correspondence concerning document should be mailed:	5. Total number of applications and registrations involved: 1
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Name: Mr. Ernest F. Chapman	6. Total fee (37 CFR 3.41): \$40 <input checked="" type="checkbox"/> Enclosed (Please charge deficiency to deposit account) <input type="checkbox"/> Authorized to be charged to deposit account
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Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.

Street Address: 1300 I Street, N.W.

City: Washington, D.C.

State: Zip: 20005-3315	7. Deposit Account No.: 06-0916
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8. 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.

Richard V. Burgujian  
Reg. No. 31,744

Signature

December 10, 2004  
Date

ERNEST F. CHAPMAN

Total number of pages including cover sheet, attachments and documents: 2

17541 U.S. PTO  
11/008177  
121004

12-10-22

**ASSIGNMENT**

WHEREAS I/We, the below named inventor(s), hereinafter referred to as Assignor(s), have made an invention entitled:  
**SEMICONDUCTOR DEVICE AND METHOD OF FABRICATING THE SAME**

for which I/WE executed an application for United States Letters Patent concurrently herewith or filed an application for United States Letters Patent on \_\_\_\_\_, (Application No. \_\_\_\_\_); and

WHEREAS, **Kabushiki Kaisha Toshiba**  
a corporation of **Tokyo, Japan**

whose post office address is **1-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan**

(hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I/WE, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me/us respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

AND, I/WE HEREBY authorize and request the attorneys I/we have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No. \_\_\_\_\_, filed \_\_\_\_\_) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, I/We have hereunto set our hand(s).

1. FULL NAME OF SOLE OR FIRST ASSIGNOR <b>Toshiyuki SASAKI</b>	ASSIGNOR'S SIGNATURE <i>Toshiyuki Sasaki</i>	DATE <i>November, 5, 2004</i>
ADDRESS <b>c/o Intellectual Property Division, Toshiba Corporation</b>	<b>1-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan</b>	CITIZENSHIP <b>Japan</b>
2. FULL NAME OF SECOND ASSIGNOR, IF ANY	ASSIGNOR'S SIGNATURE	DATE
ADDRESS		CITIZENSHIP
3. FULL NAME OF THIRD ASSIGNOR, IF ANY	ASSIGNOR'S SIGNATURE	DATE
ADDRESS		CITIZENSHIP