

12-20-2004

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12-10-04



Attorney's Docket No. AF01605

To the Honorable Commissioner thereof.

102907733

the attached original document(s) or copy(ies)

1. Name of conveying party(ies):  
 Hiroyuki Kinoshita  
 Hsiao-Han Thio  
 Kuo-Tung Chang  
 Minh Van Ngo  
 Hiroyuki Ogawa

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

2. Name and address of receiving party(ies):

Name: Spansion L.L.C.

Address: One AMD Place, P.O. Box 3453  
 Sunnyvale, California 94088-3453

Additional name(s) & address(es) attached?  
 Yes  
 No

16800 U.S. PTO  
11/008240



3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name

Execution Dates: November 19, 2004  
October 29, 2004  
December 2, 2004  
November 12, 2004  
October 29, 2004

4. Application number(s) or patent number(s):  
 If this document is being filed together with a new application, the execution dates of the application are:  
November 19, 2004; November 12, 2004; October 29, 2004; December 2, 2004; November 12, 2004; October 29, 2004

A. Patent Application No.(s) \_\_\_\_\_ B. Patent No.(s) \_\_\_\_\_

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence should be mailed:

Name: Glenn Snyder

Address: HARRITY & SNYDER, L.L.P.  
 11240 Waples Mill Road  
 Suite 300  
 Fairfax, Virginia 22030

CUSTOMER NUMBER: 45114

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00

Enclosed

Authorization to be charged to deposit account, if necessary.

8. Deposit account number:  
 50-1070

DO NOT USE THIS SPACE

9. 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*

Glenn Snyder Reg. No. 41,428  December 10, 2004  
 Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and document: 4

12/17/2004 ECDOPER 00000060 11008240

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40.00 CP

Mail documents to be recorded with required cover sheet information to:  
 U.S. Patent and Trademark Office  
 220 20<sup>th</sup> Street S.  
 Customer Window, Mail Stop Assignment Recordation Services  
 Crystal Plaza Two, Lobby, Room 1B03  
 Arlington, Virginia 22202

ASSIGNMENT

WHEREAS WE, Hiroiyuki Kinoshita, Hsiao-Han Thio, Kuo-Tung Chang, Minh Van Ngo and Hiroiyuki Ogawa of San Jose, California; Santa Clara, California; Saratoga, California; Fremont, California; and Sunnyvale, California, respectively, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled ETCH STOP LAYER FOR MEMORY CELL RELIABILITY IMPROVEMENT, executed by us on the date of execution of this document, as shown below, and  for which an application is being filed herewith; or  for which we filed an application for United States Letters Patent on \_\_\_\_\_ under Serial No. \_\_\_\_\_;


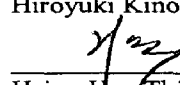
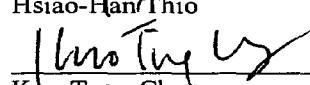
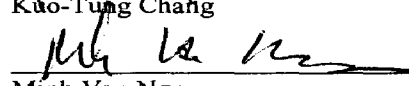
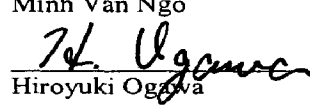
AND WHEREAS, Spansion L.L.C., a limited liability company of the State of Delaware and having a place of business at One AMD Place, P.O. Box 3453, Sunnyvale, California 94088-3453 is desirous of acquiring the entire right, title and interest in and to said invention including any previous or subsequently filed provisional applications, any subsequently filed applications and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, We do hereby sell, assign, transfer and set over unto Spansion L.L.C., it's legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including the right of priority of any previously or subsequently filed provisional applications, any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATIONS, We hereby agree with the said assignee that We will not execute any writing or do any act whatsoever conflicting with these presents, and that We will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignees may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assign and legal representatives of assignor and assignees;

AND We request the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said Spansion L.L.C., it's legal representatives, successors or assigns, as the owner of the entire right, title and interest in and to said patent and the invention covered thereby.

11/19/04  
Date  
10/29/04  
Date  
12/21/04  
Date  
11/12/04  
Date  
10/29/04  
Date

  
Hiroiyuki Kinoshita  
  
Hsiao-Han Thio  
  
Kuo-Tung Chang  
  
Minh Van Ngo  
  
Hiroiyuki Ogawa

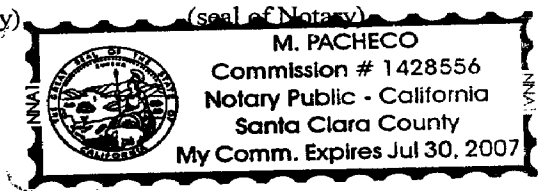
STATE OF CALIFORNIA )  
COUNTY OF Santa Clara ) SS:

On Nov. 19, 2004 before me, M. Pacheco, Notary Public, personally appeared Hirovuki Kinoshita, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/~~are~~ subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(ies), and that by his/~~her/their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

M. Pacheco (signature of Notary)

My commission expires July 30, 2007



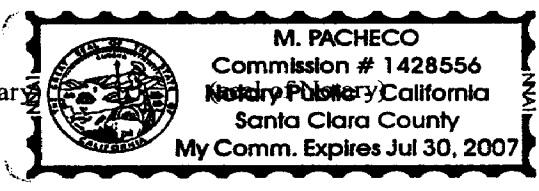
STATE OF CALIFORNIA )  
COUNTY OF Santa Clara ) SS:

On Oct. 29, 2004 before me, M. Pacheco, Notary Public, personally appeared Hsiao-Han Thio, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/~~are~~ subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(ies), and that by his/~~her/their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

M. Pacheco (signature of Notary)

My commission expires July 30, 2007



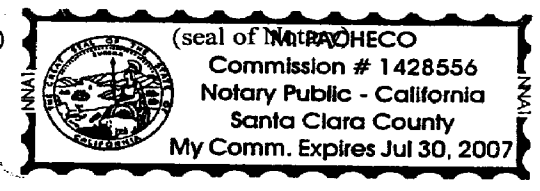
STATE OF CALIFORNIA )  
COUNTY OF Santa Clara ) SS:

On Dec. 2, 2004 before me, M. Pacheco, Notary Public, personally appeared Kuo-Tung Chang, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/~~are~~ subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(ies), and that by his/~~her/their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

M. Pacheco (signature of Notary)

My commission expires July 30, 2007



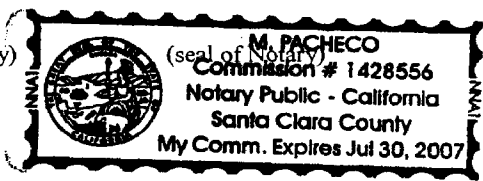
STATE OF CALIFORNIA )  
 ) SS:  
COUNTY OF Santa Clara

On Nov. 12, 2004 before me, M. Pacheco, Notary Public,  
personally appeared Minh Van Ngo, personally known to me (or proved to me on the basis of satisfactory evidence)  
to be the person(s) whose name(s) is/~~are~~ subscribed to the within instrument and acknowledged to me that  
he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(ies), and that by his/~~her/their~~ signature(s) on the  
instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

M. Pacheco (signature of Notary)

My commission expires July 30, 2007



STATE OF CALIFORNIA )  
 ) SS:  
COUNTY OF Santa Clara

On Oct. 29, 2004 before me, M. Pacheco, Notary Public,  
personally appeared Hiroiyuki Ogawa, personally known to me (or proved to me on the basis of satisfactory  
evidence) to be the person(s) whose name(s) is/~~are~~ subscribed to the within instrument and acknowledged to me that  
he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(ies), and that by his/~~her/their~~ signature(s) on the  
instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

M. Pacheco (signature of Notary)

My commission expires July 30, 2007

