

Form PTO-1595 (Rev. 06/04)
OMB No. 0651-0027 (exp. 6/30/2005)

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

RECORDATION FORM COVER SHEET

Docket No. 033.0172 (AF02132)

PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):

Ning Cheng
Hiroyuki Kinoshita
Minghao Shen
Ashot Melik-Martirosian

Execution Date(s) 11/26/06; 11/27/06; 11/27/06; and 12/04/06
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)

Name: SPANSION LLC

Internal Address: _____

Street Address: 915 DeGuigne Drive, P.O. Box 3453

City: Sunnyvale

State: CA

Country: United States Zip: 94088-3453

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other _____

4. Application or patent number(s):

A. Patent Application No.(s)
11/614,050

This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:

Customer No. 29,906

Name: Daniel R. Collopy

INGRASSIA FISHER & LORENZ, P.C.

Internal Address: _____

Street Address: 7150 E. Camelback Rd., Ste. 325

City: Scottsdale

State: AZ Zip: 85251

Phone Number: (480) 385-5060

Fax Number: (480) 385-5061

Email Address: dcollopy@ifllaw.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number 50-2091

Authorized User Name Mark M. Takahashi

9. Signature: /MARK M. TAKAHASHI/ Date December 20, 2006
Signature Date

Mark M. Takahashi (Reg. No. 38,631)
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 8

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

CH \$40.00 502091 11614050

IF&L Form – Assignment

United States Utility Patent Application
 Attorney Docket No.: 033.0172 (AFO2132)
 First Named Inventor: Ning Cheng

ASSIGNMENT

WHEREAS, the undersigned inventor(s) (hereinafter individually and collectively referred to as "ASSIGNOR") have invented:

METHODS FOR FABRICATING A MEMORY DEVICE INCLUDING A DUAL BIT MEMORY CELL

for which application for Letters Patent of the United States:

has been executed on even date herewith;

executed on _____;

was filed on _____ and assigned U.S. Application Serial No. _____;

AND WHEREAS, Spansion LLC, a limited liability company; partnership; having a place of business at 915 DeGuigne Drive, P.O. Box 3453, Sunnyvale, CA 94088-3453 and (hereinafter "ASSIGNEE"), and successors, assigns, and legal representatives, is desirous of acquiring an interest therein;

AND WHEREAS, a "formal application," as referred to herein, shall mean any provisional, nonprovisional, continuation, continuation in part, continued prosecution, substitute, renewal, extension, divisional, reissue, reexamination, foreign, Patent Cooperation Treaty (PCT) or other patent application, inventor's certificate, or like document;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR does hereby sell, assign and transfer unto ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right to the aforesaid application, to the invention as described in the aforesaid application, and to any formal application which may be filed based in whole or in part on the aforesaid application, in the United States and all foreign countries, together with the right of priority under any international agreements to which the United States currently adheres and adheres to in the future, and hereby authorizes and requests the Commissioner of Patents to issue said Letters Patent to ASSIGNEE, for the sole use and benefit of ASSIGNEE, its successors, assigns and legal representatives,

AND ASSIGNOR HEREBY AGREES to transfer, upon request of ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, a like interest in and to any improvements and formal applications based thereon, growing out of or relating to the invention; and, without further remuneration, to provide all reasonable assistance and execute any papers requested by ASSIGNEE, its successors, assigns and legal representatives, to preserve and/or acquire ASSIGNEE's full protection and title in and to the invention hereby transferred and any improvements therein,

ASSIGNOR AGREEING, FURTHERMORE, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by ASSIGNEE for the filing and granting of formal applications based on the invention or improvements therein, and the perfecting of title thereto in ASSIGNEE.

IF&L Form - Assignment

EXECUTED as of the date(s) written below by ASSIGNOR:

Ning Cheng
Inventor's Signature

Date: 11/26/06.

NING CHENG
Inventor's Printed Name

STATE OF CALIFORNIA)
COUNTY OF _____)

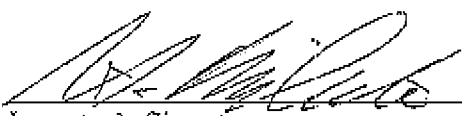
On this _____ day of _____, 2006, before me personally came the above named NING CHENG who is personally known by me or proved to me on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment, and who acknowledged to me that he/she executed the same of his/her own free will for the use and purposes therein set forth.

NOTARY PUBLIC

My Commission Expires: _____

IF&L Form - Assignment

EXECUTED as of the date(s) written below by ASSIGNOR:



Inventor's Signature

Date: 11/27/06

HIROYUKI KINOSHITA

Inventor's Printed Name

STATE OF CALIFORNIA)
COUNTY OF _____)

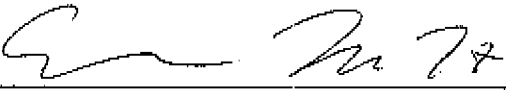
On this _____ day of _____, 2006, before me personally came the above named HIROYUKI KINOSHITA who is personally known by me or proved to me on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment, and who acknowledged to me that he/she executed the same of his/her own free will for the use and purposes therein set forth.

NOTARY PUBLIC

My Commission Expires: _____

IF&L Form - Assignment

EXECUTED as of the date(s) written below by ASSIGNOR:


Inventor's Signature

Date: 11/27/06

MINGHAO SHEN
Inventor's Printed Name

STATE OF CALIFORNIA)
COUNTY OF _____)

On this _____ day of _____, 2006, before me personally came the above named MINGHAO SHEN who is personally known by me or proved to me on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment, and who acknowledged to me that he/she executed the same of his/her own free will for the use and purposes therein set forth.

NOTARY PUBLIC

My Commission Expires: _____

IF&L Form - Assignment

EXECUTED as of the date(s) written below by ASSIGNOR:

Ashot Melik - M
Inventor's Signature

Date: 12/04/06

ASHOT MELIK-MARTIROSIAN
Inventor's Printed Name

STATE OF CALIFORNIA)
COUNTY OF _____)

On this _____ day of _____, 2006, before me personally came the above named ASHOT MELIK-MARTIROSIAN who is personally known by me or proved to me on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment, and who acknowledged to me that he/she executed the same of his/her own free will for the use and purposes therein set forth.

NOTARY PUBLIC

My Commission Expires: _____