

U.S. PTO  
12/231369  
09/02/2008

Docket No.: AF03019

FORM PTO-1595 (Modified)  
(Rev. 08-05)  
OMB No. 0651-0027 (exp. 8/30/2008)  
P08/REV05

09-12-2008

IEET

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark



103524470

To the Director of the United States Patent and Trademark Office

1. Name of conveying party(ies):

Eunha Kim  
Minh-Van Ngo

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

Name: Spancion LLC

Internal Address: \_\_\_\_\_

Street Address: 915 DeGuigne Drive

City: Sunnyvale

State: CA

Country: USA

ZIP: 94088

Additional names(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s): 8/28/08, 8/28/08

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

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

☒ This document is being filed together with a new application

B. Patent No.(s)

4. Application or patent numbers(s):

A. Patent Application No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Paul J. Winters

Internal Address: \_\_\_\_\_

Street Address: 307 Cypress Point Drive

City: Mountain View

State: CA ZIP: 94043

Phone Number: 650-961-5658

Fax Number: 650-961-5658

Email Address: pjw99@earthlink.net

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 \_\_\_\_\_

09/11/2008 Expiration Date 09/17/2009 583837 12231369

b. Deposit Account Number 6048827

Authorized User Name Paul J. Winters

9. Signature:

Signature

September 2, 2008

Date

Paul J. Winters

Name of Person Signing

Total number of pages including cover sheet, attachments, and document: 1

Documents to be recorded (including cover sheet) should be faxed to (571)273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

PATENT  
REEL: 021522 FRAME: 0205

ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we


Eunha Kim of 2409 Sharon Road, Menlo Park, CA 94025;  
Minh-Van Ngo of 40986 Canyon Heights Dr., Fremont, CA 94539

hereby sell, assign and transfer to SPANSION LLC, a Delaware limited liability company, with a business address at 915 DeGuigne Drive, P.O. Box 3453, Sunnyvale, CA 94088-3453 U.S.A., its successors and assigns, the entire right, title and interest throughout the world in our invention in


**METHOD FOR ACHIEVING VERY SMALL FEATURE SIZE IN  
SEMICONDUCTOR DEVICE BY UNDERTAKING  
SILICIDE SIDEWALL GROWTH AND ETCHING**

for which we have executed a United States patent application on or about the date of this assignment, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; we authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from us; we agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, their successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and we request the Commissioner of Patents and Trademarks to issue all patents granted for said invention to the above-named assignee, its successors and assigns.

Executed this 28<sup>th</sup> day of August, 2008.

  
Eunha Kim

Executed this 28<sup>th</sup> day of August, 2008.

  
Minh-Van Ngo

COPY

Docket No.: AF03019

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## RECORDATION FORM COVER SHEET

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## PATENTS ONLY

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- ☐ Authorized to be charged by credit card  
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