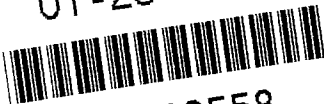


01-28-2005

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

REC



102929558

FASP114US

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):**

Fatima Bathul  
Darlene Hamilton  
Masato Horiike

Execution Date(s) Nov. 19, Dec. 2 & Nov. 19, 2004

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

**3. Nature of conveyance:**

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

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

Name: SPANSION LLC

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

Street Address: 1AMD Place

P.O. Box 3453

City: Sunnyvale

State: California

Country: United States Zip: 94088

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

**4. Application or patent number(s):**

☒ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Thomas G. Eschweiler

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

Eschweiler & Associates, LLC

Street Address: 629 Euclid Avenue, Suite 1210

City: Cleveland

State: Ohio Zip: 44114

Phone Number: (216) 502-0600

Fax Number: (216) 502-0601

Email Address: \_\_\_\_\_

**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 50-1733

Authorized User Name Thomas G. Eschweiler

**9. Signature:**

Signature

January 13, 2005

Date

Thomas G. Eschweiler, Reg. No. 36,981  
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 5

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

**ASSIGNMENT**

For good and valuable consideration received of the hereinafter named assignee, receipt of which is hereby acknowledged, the undersigned

Fatima Bathul	Darlene Hamilton	Masato Horiike
1102 Milky Way	5824 Ponce Court	915 De Guigne Drive
Cupertino, California 95014	San Jose, California 95120	Sunnyvale, California 94088

hereby sell and assign to SPANSION LLC, a limited liability company of Delaware having a place of business at 1AMD Place, P.O. Box 3453, Sunnyvale, California 94088-3453, U.S.A., its successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries, in and to the inventions entitled

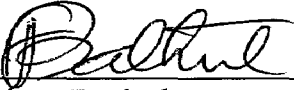
**MULTI-LEVEL ONO FLASH PROGRAM ALGORITHM  
FOR THRESHOLD WIDTH CONTROL**

for which application for United States Letters Patent has been filed on \_\_\_\_\_ under Serial No. \_\_\_\_\_, or was executed by the undersigned on the date below and is being filed concurrently herewith, said application for United States Letters Patent, any and all other application for Letters Patent on said inventions in countries foreign to the United States, including all divisional, renewal, substitute, continuation and Convention applications based in whole or in part upon said inventions or upon said applications, and any and all Letters Patent and reissues and extensions of Letters Patent granted for said inventions or upon said applications, and every priority right that is or may be predicted upon or arise from said inventions, said applications and said Letters Patent; said assignee being hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in the name of said assignee or otherwise as said assignee may deem advisable, under the International Convention or otherwise; the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments being hereby authorized to issue or transfer all said Letters Patent to said assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right heretofore given, and that the undersigned will do all acts reasonably serving to assure that said inventions, patent applications and Letters Patent shall be held and enjoyed by said assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said assignee all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, and lawful affidavits in

form and substance which may be requested by said assignee, to furnish said assignee with all facts relating to said inventions or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may be useful for establishing the facts of conception, disclosure and reduction to practice of said inventions, and to testify in any proceedings relating to said inventions, patent applications and Letters Patent.

Signed:

Date:

  
Fatima Bathul

11/19/04

**CERTIFICATE OF ACKNOWLEDGMENT**

State of California

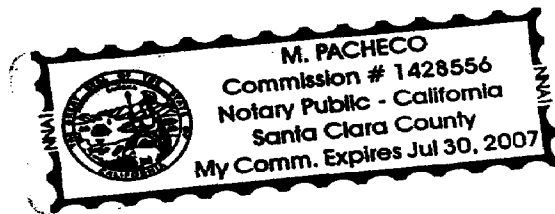
County of Santa Clara


On Nov. 19, 2004 before me, M. Pacheco, Notary Public  
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Fatima Bathul  
Name of Signer

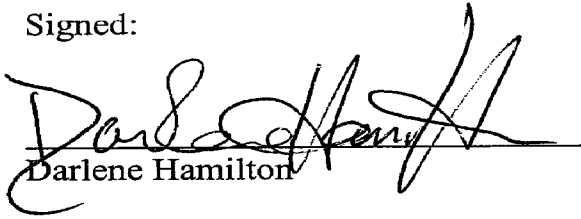
☒ personally known to me – OR – [ ] proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that she executed the same in her authorized capacity, and that by her signature of the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.



  
Signature of Notary Public

Signed:

  
Darlene Hamilton

Date:

12-2-2004

**CERTIFICATE OF ACKNOWLEDGMENT**

State of California

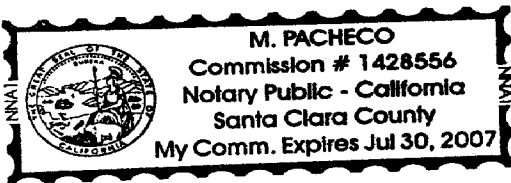
County of Santa Clara


On Dec. 2, 2004 before me, M. Pacheco, Notary Public  
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Darlene Hamilton  
Name of Signer

☒ personally known to me – OR – ☐ proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that she executed the same in her authorized capacity, and that by her signature of the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.



  
Signature of Notary Public

Signed:

Date:

Masato Horiike

11/19/04

Masato Horiike

**CERTIFICATE OF ACKNOWLEDGMENT**

State of California

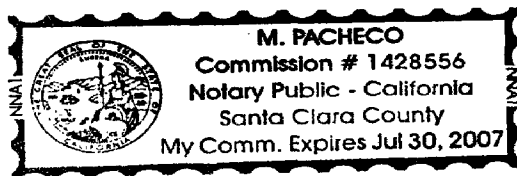
County of Santa Clara

On Nov. 19, 2004 before me, M. Pacheco, Notary Public,  
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Masato Horiike  
Name of Signer

[ ] personally known to me – OR – ☒ proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature of the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.



M. Pacheco  
Signature of Notary Public