

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Gulzar Ahmed Kathawala	11/09/2007
Wei Zheng	12/03/2007
Zhizheng Liu	11/19/2007
Sung-Yong Chung	11/30/2007
Timothy Thurgate	11/20/2007
Kuo-Tung Chang	12/07/2007
Sheung-Hee Park	11/09/2007
Gabrielle Wing Han Leung	12/07/2007

RECEIVING PARTY DATA

Name:	SPANSION LLC
Street Address:	915 DeGuigne Drive
City:	Sunnyvale
State/Country:	CALIFORNIA
Postal Code:	94088-3453

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11953689

CORRESPONDENCE DATA

Fax Number: (216)696-8731

*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*

Phone: 216-696-8730

Email: cmartin@thepatentattorneys.com

Correspondent Name: Himanshu S. Amin

Address Line 1: 1900 E. 9th Street

Address Line 2: 24th Floor, National City Center

Address Line 4: Cleveland, OHIO 44114

OP \$40.00 11953689

500416574

PATENT  
REEL: 020223 FRAME: 0520

ATTORNEY DOCKET NUMBER:

SPSNP1166US

NAME OF SUBMITTER:

Himanshu S. Amin

**Total Attachments: 9**

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ASSIGNMENT

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

Gulzar Ahmed Kathawala  
600 Park View Drive, Apt. 206  
Santa Clara, California 95054

Wei Zheng  
2726 Estella Drive  
Santa Clara, California 95051

Zhizheng Liu  
4912 Miramar Avenue  
San Jose, California 95129

Sung-Yong Chung  
3156 Allenway  
Santa Clara, California 95051

Timothy Thurgate  
1363 Arleen Avenue  
Sunnyvale, California 94087

Kuo-Tung Chang  
12261 Country Squire Lane  
Saratoga, California 95070

Sheung-Hee Park  
2659 Calle Morelia  
Pleasanton, California 94566

Gabrielle Wing Han Leung  
410 Sheridan Avenue, #221  
Palo Alto, California 94306

hereby sell and assign to SPANSION LLC, a limited liability company of Delaware having a place of business at 915 DeGuigne Drive, 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

**SELECTIVE APPLICATION OF WORD LINE BIAS TO MINIMIZE  
FRINGE EFFECTS IN ELECTROMAGNETIC FIELDS DURING  
ERASE OF NONVOLATILE MEMORY**

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 applications 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 predicated 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.

The undersigned hereby appoint, request, and grant power to the following law firm to insert on this Assignment further identification which may be necessary or desirable in order to comply with the Rules of the U.S. Patent and Trademark Office for recordation of this document, for example, the U.S. Serial No. and filing date.

Amin, Turocy & Calvin, LLP, 24<sup>th</sup> Floor, 1900 East 9<sup>th</sup> Street, Cleveland, Ohio 44114.

Signed:

Date:

  
Gulzar Ahmed Kathawala

11/9/07

### CERTIFICATE OF ACKNOWLEDGMENT

State of \_\_\_\_\_

County of \_\_\_\_\_

On \_\_\_\_\_ before me, \_\_\_\_\_,  
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Gulzar Ahmed Kathawala  
Name(s) of Signer(s)

\_\_\_ 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 on 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:

Wei Zheng  
Wei Zheng

12/3/07

**CERTIFICATE OF ACKNOWLEDGMENT**

State of \_\_\_\_\_

County of \_\_\_\_\_

On \_\_\_\_\_ before me, \_\_\_\_\_,  
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Wei Zheng  
Name(s) of Signer(s)

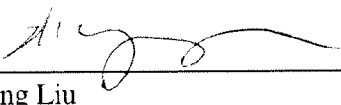
\_\_\_ personally known to me - OR - \_\_\_ proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the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

WITNESS my hand and official seal.

\_\_\_\_\_  
Signature of Notary Public

Signed:

Date:

  
\_\_\_\_\_  
Zhizheng Liu

11/19/07  
\_\_\_\_\_

**CERTIFICATE OF ACKNOWLEDGMENT**

State of \_\_\_\_\_

County of \_\_\_\_\_

On \_\_\_\_\_ before me, \_\_\_\_\_,  
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Zhizheng Liu  
Name(s) of Signer(s)

\_\_\_ 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 on 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: 11/

  
\_\_\_\_\_

Sung-Yong Chung

11/30/2007  
\_\_\_\_\_

**CERTIFICATE OF ACKNOWLEDGMENT**

State of \_\_\_\_\_

County of \_\_\_\_\_

On \_\_\_\_\_ before me, \_\_\_\_\_,  
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Sung-Yong Chung  
Name(s) of Signer(s)

\_\_\_ 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 on 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:

Timothy Thurgate  
Timothy Thurgate

11/20/07

**CERTIFICATE OF ACKNOWLEDGMENT**

State of \_\_\_\_\_

County of \_\_\_\_\_

On \_\_\_\_\_ before me, \_\_\_\_\_,  
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Timothy Thurgate  
Name(s) of Signer(s)

\_\_\_ 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 on 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:

Kuo-Tung Chang  
Kuo-Tung Chang

12/7/07

**CERTIFICATE OF ACKNOWLEDGMENT**

State of \_\_\_\_\_

County of \_\_\_\_\_

On \_\_\_\_\_ before me, \_\_\_\_\_,  
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Kuo-Tung Chang  
Name(s) of Signer(s)

\_\_\_ 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 on 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:

Sheung-Hee Park  
Sheung-Hee Park

Nov. 9, 2007

**CERTIFICATE OF ACKNOWLEDGMENT**

State of \_\_\_\_\_

County of \_\_\_\_\_

On \_\_\_\_\_ before me, \_\_\_\_\_,  
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Sheung-Hee Park  
Name(s) of Signer(s)

\_\_\_ 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 on 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:

Gabrielle W. Leung  
Gabrielle Wing Han Leung

7th Dec 2007

**CERTIFICATE OF ACKNOWLEDGMENT**

State of \_\_\_\_\_

County of \_\_\_\_\_

On \_\_\_\_\_ before me, \_\_\_\_\_,  
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Gabrielle Wing Han Leung  
Name(s) of Signer(s)

\_\_\_ 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 on 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