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OMB No. 0651-0027 (exp. 6/30/2005)

Atty. Docket #038.0068

RE



U.S. DEPARTMENT OF COMMERCE

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To the honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

JiJun Sun

Renu W. Dave

Jon M. Slaughter

Johan Akerman

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

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

Name: Freescale Semiconductor, Inc.

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

Street Address: 7700 W. Parmer Lane

City: Austin State: TX Zip: 78729

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

## 3. Nature of conveyance:



Assignment



Merger



Security Agreement



Change of Name



Other \_\_\_\_\_

Execution Date: July 15 and 19, 2004

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

101899610

If this document is being filed together with a new application, the execution date of the application is: July 15 and 16, 2004

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☐ No

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

Name: Deborah K. Henscheid, Esq.

Ingrassia Fisher &amp; Lorenz, PC

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

Street Address: 7150 E. Camelback Road

City: Scottsdale State: AZ Zip: 85251

## 6. Total number of applications and patents involved:

1

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



Enclosed



Authorized to be charged to deposit account

## 8. Deposit account number:

50-2091

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## 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.

Deborah K. Henscheid, Reg. No. 35,940

Name of Person Signing

Signature

June 30, 2004

Date

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

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PATENT  
REEL: 015632 FRAME: 0092

United States Utility Patent Application  
Attorney Docket No.: 038.0068  
First Named Inventor: JiJun Sun

ASSIGNMENT

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

**MAGNETIC TUNNEL JUNCTION ELEMENT STRUCTURES  
AND METHODS FOR FABRICATING THE SAME**

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**, Freescall Semiconductor, Inc., a ☒ corporation; ☐ partnership; individual ☐ having a place of business at 7700 W. Parmer Lane, Austin, TX 78729 (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.

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

Jij. Sun  
Inventor's Signature

Date: 7/15/2004

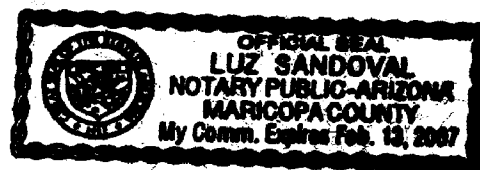
JIJUN SUN  
Inventor's Printed Name

STATE OF ARIZONA )  
COUNTY OF MARICOPA )

On this 15<sup>th</sup> day of JULY, 2004, before me personally came the above named Jijun Sun, 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: Lucy Sandoval



Renu W. DaveDate: 7/15/2004

Inventor's Signature

RENU W. DAVE

Inventor's Printed Name

STATE OF ARIZONA )COUNTY OF MARICOPA )

On this 15<sup>th</sup> day of JULY, 2004, before me personally came the above named Renu W. Dave, 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: Luz SandovalJon M. Slaughter

Inventor's Signature

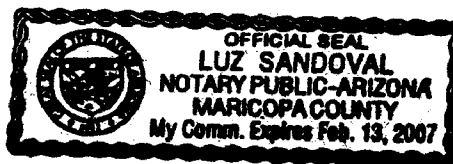
Date: 7/15/2004JON M. SLAUGHTER

Inventor's Printed Name

STATE OF ARIZONA )COUNTY OF MARICOPA )

On this 15<sup>th</sup> day of JULY, 2004, before me personally came the above named Jon M. Slaughter, 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: Luz Sandoval

Johan Akerman  
Inventor's Signature

JOHAN AKERMAN

Inventor's Printed Name

STATE OF ARIZONA )

COUNTY OF Maricopa )

On this 19th day of July, 2004, before me personally came the above named Johan Akerman, 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:

Jeanine L. Thompson

