

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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| SUBMISSION TYPE:   | NEW ASSIGNMENT   |               |                |                     |            |             |            |           |            |
|--|--|---------------|----------------|---------------------|------------|-------------|------------|-----------|------------|
| NATURE OF CONVEYANCE:  | ASSIGNMENT   |               |                |                     |            |             |            |           |            |
| <b>CONVEYING PARTY DATA</b>  |  |               |                |                     |            |             |            |           |            |
| <table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Yi Song</td> <td>10/15/2010</td> </tr> <tr> <td>Huajie Zhou</td> <td>10/15/2010</td> </tr> <tr> <td>Qiuxia Xu</td> <td>10/15/2010</td> </tr> </tbody> </table> |  | Name          | Execution Date | Yi Song             | 10/15/2010 | Huajie Zhou | 10/15/2010 | Qiuxia Xu | 10/15/2010 |
| Name   | Execution Date   |               |                |                     |            |             |            |           |            |
| Yi Song  | 10/15/2010   |               |                |                     |            |             |            |           |            |
| Huajie Zhou  | 10/15/2010   |               |                |                     |            |             |            |           |            |
| Qiuxia Xu  | 10/15/2010   |               |                |                     |            |             |            |           |            |
| <b>RECEIVING PARTY DATA</b>  |  |               |                |                     |            |             |            |           |            |
| Name:  | Institute of Microelectronics, Chinese Academy of Sciences |               |                |                     |            |             |            |           |            |
| Street Address:  | No. 3 Beitucheng West Road                                 |               |                |                     |            |             |            |           |            |
| Internal Address:  | Chaoyang District  |               |                |                     |            |             |            |           |            |
| City:  | Beijing  |               |                |                     |            |             |            |           |            |
| State/Country:   | CHINA  |               |                |                     |            |             |            |           |            |
| Postal Code:   | 100029   |               |                |                     |            |             |            |           |            |
| <b>PROPERTY NUMBERS Total: 1</b>   |  |               |                |                     |            |             |            |           |            |
| <table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12912531</td> </tr> </tbody> </table>  |  | Property Type | Number         | Application Number: | 12912531   |             |            |           |            |
| Property Type  | Number   |               |                |                     |            |             |            |           |            |
| Application Number:  | 12912531   |               |                |                     |            |             |            |           |            |
| <b>CORRESPONDENCE DATA</b>   |  |               |                |                     |            |             |            |           |            |
| Fax Number:  | (612)339-3061  |               |                |                     |            |             |            |           |            |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>   |  |               |                |                     |            |             |            |           |            |
| Phone:   | 612.373.6900   |               |                |                     |            |             |            |           |            |
| Email:   | uspto@slwip.com  |               |                |                     |            |             |            |           |            |
| Correspondent Name:  | SCHWEGMAN, LUNDBERG & WOESSNER, P.A.                       |               |                |                     |            |             |            |           |            |
| Address Line 1:  | P.O. BOX 2938  |               |                |                     |            |             |            |           |            |
| Address Line 4:  | MINNEAPOLIS, MINNESOTA 55402                               |               |                |                     |            |             |            |           |            |
| ATTORNEY DOCKET NUMBER:  | 995.027US1   |               |                |                     |            |             |            |           |            |
| NAME OF SUBMITTER:   | /Janal M. Kalis/   |               |                |                     |            |             |            |           |            |

Total Attachments: 4  
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**PATENT**  
**REEL: 025198 FRAME: 0364**

**CH \$40.00 12912531**

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RECORDATION FORM COVER SHEET  
PATENTS ONLY

Atty Ref/Docket No.: 995.027US1

Patent and Trademark Office

To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Yi Song, Huajie Zhou, Qiuxia Xu

Additional name(s) of conveying party(ies) attached?

Yes  No

3. Nature of conveyance:

- Assignment       Merger  
 Security Agreement    Change of Name  
 Other

Execution Date: October 15, 2010, October 15, 2010,  
October 15, 2010

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

Name: Institute of Microelectronics, Chinese Academy  
of Sciences

Street Address: No. 3 Beitucheng West Road  
Chaoyang District

City: Beijing, 100029 P.R.

Country: China

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

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

If this document is being filed together with a new application, the execution date of the application is:  
October 15, 2010, October 15, 2010, October 15, 2010, October 15, 2010

A. Patent Application No.(s)

B. Patent No.(s)

Serial No. Unknown, filed Herewith

Additional numbers attached?  Yes  No

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

Name: Janal M. Kalis

Address:

Schwegman, Lundberg & Woessner, P.A.  
P.O. Box 2938  
Minneapolis, MN 55402--0938

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  
19-0743

8. Please charge any additional fees or credit any over  
payments to our Deposit Account No.: 19-0743

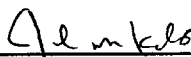
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9. Statement and signature.

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.

Janal M. Kalis/Reg. No. 37,650

Name of Person Signing

  
Signature

October 26, 2010

Date

Total number of pages including cover sheet: 4

Mail documents to be recorded with required cover sheet information to:

**Commissioner of Patents and Trademarks**  
**Mail Stop Assignment Recordation Services**  
**P.O. Box 1450**  
**Alexandria, VA 22313-1450**

**PATENT**  
**REEL: 025198 FRAME: 0366**

Attorney Docket No.  
Client Ref. No. FP100059US

### ASSIGNMENT

WHEREAS, We, Yi SONG, Huajie ZHOU and Qiuxia XU residing at No.3 Beitucheng West Road, Chaoyang District, Beijing, 100029 P.R. China, made certain new and useful inventions and improvements which are described in an application for U.S. Letters Patent entitled METHOD FOR MANUFACTURING A MOSFET WITH A SURROUNDING GATE OF BULK Si;

WHEREAS, We hereby authorize and request the attorneys, representing on this application, at Schwegman, Lundberg & Woessner, P.A., located at 121 South Eighth Street, Suite 1600, Minneapolis, MN 55402, to insert here in parentheses (Ser. No. \_\_\_\_\_; Filing Date: \_\_\_\_\_) the filing date and application number of said application when known.

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned do hereby:

SELL, ASSIGN AND TRANSFER to INSTITUTE OF MICROELECTRONICS, CHINESE ACADEMY OF SCIENCES (the "Assignee"), a corporation of the Country of China, having a place of business at No.3 Beitucheng West Road, Chaoyang District, Beijing, 100029 P.R. China, the entire right, title and interest for the United States and all foreign countries in and to: any and all inventions and improvements which are disclosed in the identified application for U.S. Letters Patent, and which may be further identified below; such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States (including all provisional and non-provisional applications), and in all foreign countries on any of such inventions and/or improvements (including any applications for utility models); all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such inventions and/or improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and to claim priority based on the identified application;

AUTHORIZE AND REQUEST that any attorney associated with U.S. PTO Customer No. 21186 may (directly or through his/her designee) delete, insert, or alter any information identifying this application, or any related application, below, after execution of this Assignment;

#### Additional Application Information

*No Provisional claim for priority is being made at this time.*

*No U.S. Non-Provisional claim for priority is being made at this time.*

China Application Serial No. 200910243780.1, filed on December 24, 2009

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and/or property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, that when requested and without compensation, but at the expense of the Assignee, in order to carry out in good faith the intent and purpose of this Assignment, the undersigned will (1) execute all provisional, non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; (2) execute all rightful oaths, declarations, assignments, powers of attorney and other papers; (3) communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; (4) cooperate with the Assignee in any interference, reexamination, reissue, opposition, dispute, or litigation involving any of the applications or patents for such improvements; and (5) take such further actions as the Assignee shall reasonably consider necessary or desirable for vesting title to such improvements in the Assignee, or for securing, maintaining and enforcing proper patent protection for such improvements;

THIS AGREEMENT IS TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned, and is to extend to the benefit of the successors, assigns and nominees of the Assignee.

AGREED as of the date of my signature below:

(Signature): Yi Song  
Name: Yi SONG

Date: Oct. 15. 2010

Assignment

Client Ref. No. FP100059US

Assignors: Yi SONG et al.,

Title: METHOD FOR MANUFACTURING BULK Si SURROUNDING GATE MOSFET

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Docket No:

(Signature): Huajie Zhou  
Name: Huajie ZHOU

Date: Oct. 15, 2010

(Signature): Qiuxia XU  
Name: Qiuxia XU

Date: Oct. 15, 2010