

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3926739

|   |                           |
|---|---------------------------|
| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT            |
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT                |
| <b>CONVEYING PARTY DATA</b>   |                           |
| <b>Name</b>   | <b>Execution Date</b>     |
| JIE LI  | 05/20/2016                |
| JAMES MATHEW  | 06/07/2016                |
| KUNAL SHROTRI   | 06/07/2016                |
| LUAN C. TRAN  | 06/13/2016                |
| GORDON A. HALLER  | 06/13/2016                |
| YANGDA ZHANG  | 06/10/2016                |
| HONGPENG YU   | 06/20/2016                |
| MINSOO LEE  | 06/07/2016                |
| <b>RECEIVING PARTY DATA</b>   |                           |
| <b>Name:</b>  | MICRON TECHNOLOGY, INC.   |
| <b>Street Address:</b>  | 8000 SOUTH FEDERAL WAY    |
| <b>Internal Address:</b>  | MS 1-525                  |
| <b>City:</b>  | BOISE                     |
| <b>State/Country:</b>   | IDAHO                     |
| <b>Postal Code:</b>   | 83716                     |
| <b>PROPERTY NUMBERS Total: 1</b>  |                           |
| <b>Property Type</b>  | <b>Number</b>             |
| Application Number:   | 15187632                  |
| <b>CORRESPONDENCE DATA</b>  |                           |
| <b>Fax Number:</b>  |                           |
| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i> |                           |
| <b>Phone:</b>   | 509-624-4276              |
| <b>Email:</b>   | docketing@wellsstjohn.com |
| <b>Correspondent Name:</b>  | WELLS ST. JOHN, P.S.      |
| <b>Address Line 1:</b>  | 601 W. MAIN AVENUE        |
| <b>Address Line 2:</b>  | SUITE 600                 |
| <b>Address Line 4:</b>  | SPOKANE, WASHINGTON 99201 |
| <b>ATTORNEY DOCKET NUMBER:</b>  | MI22-6004                 |
| <b>NAME OF SUBMITTER:</b>   | CHERYL A. THOMPSON        |

PATENT

|   |                      |
|---|----------------------|
| <b>SIGNATURE:</b>   | /Cheryl A. Thompson/ |
| <b>DATE SIGNED:</b>   | 06/20/2016           |
| <b>Total Attachments: 12</b><br>source=Assignment#page1.tif<br>source=Assignment#page2.tif<br>source=Assignment#page3.tif<br>source=Assignment#page4.tif<br>source=Assignment#page5.tif<br>source=Assignment#page6.tif<br>source=Assignment#page7.tif<br>source=Assignment#page8.tif<br>source=Assignment#page9.tif<br>source=Assignment#page10.tif<br>source=Assignment#page11.tif<br>source=Assignment#page12.tif |                      |

ASSIGNMENT

PARTIES TO THE ASSIGNMENT:

INVENTORS:

Jie Li  
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Boise, ID 83706  
United States

James Mathew  
10576 Dason Dr.  
Boise, ID 83704  
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United States

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1125 W. Sandy Ct.  
Meridian, ID 83646  
United States

Gordon A. Haller  
209 W. Linden St.  
Boise, ID 83706  
United States

Yangda Zhang  
Senja Road, blk 627 #20-182  
670627 Singapore

Hongpeng Yu  
Blk 877, #12-282  
Woodlands Ave 9  
730877 Singapore

Minsoo Lee  
2021 S. Springbrook Ln.  
Boise, ID 83706  
United States

**ASSIGNEE:**

Micron Technology, Inc.  
MS 1-525  
8000 South Federal Way  
Boise, ID 83716  
United States

**BACKGROUND OF THIS ASSIGNMENT:**

Inventors have conceived certain new and useful inventions disclosed in a United States patent application titled Integrated Structures and Methods of Forming Integrated Structures.

Micron Technology, Inc. (hereinafter referred to as "ASSIGNEE") desires to acquire the entire right, title and interest in said inventions and with respect to any Letters Patent that may be granted with respect to the inventions in both the United States and in all foreign countries.

**THE PARTIES AGREE AS FOLLOWS:**

In consideration of good and valuable consideration, the receipt, sufficiency and adequacy of which is hereby acknowledged, INVENTORS have sold, assigned and transferred, and by these present do hereby sell, assign and transfer to ASSIGNEE the entire right, title and interest in the above-identified inventions and application and to any reissues, renewals, divisions or continuations of the application thereof, and hereby authorizes

the Commissioner of Patents and Trademarks to issue such Letters Patent to ASSIGNEE for the sole use of ASSIGNEE, its successors or assigns.

INVENTORS further agree to execute, at the request and expense of ASSIGNEE, such other formal documents as may be required to fully convey the interest transferred herein and will similarly execute any patent application papers (foreign or domestic) required for the filing of any divisional, continuation, renewal or reissue of the patent application or resulting Letters Patent; and will generally do everything necessary or desirable to obtain and enforce proper protection for the inventions assigned hereby.

INVENTORS further assign to ASSIGNEE the whole right, title and interest in the inventions disclosed in the application throughout all countries foreign to the United States. ASSIGNEE is hereby authorized to apply for patents relating to the inventions in its own name in countries where such procedure is proper; to claim the benefit of the International Convention; to file and prosecute International Applications relating to the inventions under the Patent Cooperation Treaty; and to file and prosecute applications relating to the inventions under the European Patent Convention. INVENTORS agree to execute applications relating to the inventions in those countries and under those conventions where it is necessary that the same be executed by the inventor, and to execute assignments of such applications and the resulting Letters Patent to ASSIGNEE as well as all other necessary papers in relation to such

applications and Letters Patent. INVENTORS hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country as proof of the right of ASSIGNEE to apply for patent and other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

To be binding on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

Dated: 5/10/2016

Signature: [Signature]

Jie Li

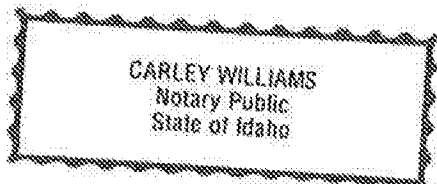
State of Idaho

County of Ada

)  
) ss.  
)

On this 10 day of May, 2016, before me, Carley Williams Notary Public (name and title of Notary Official), personally appeared Jie Li, known or identified to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed within the Assignment, and acknowledged to me that he/she executed the Assignment in his/her authorized capacity, and that by his/her signature on the Assignment, the person executed the Assignment.

SEAL



Carley Williams  
My Commission Expires:

My Commission Expires  
October 3, 2017

Dated: Jun 7, 2016

Signature: \_\_\_\_\_

James Mathew

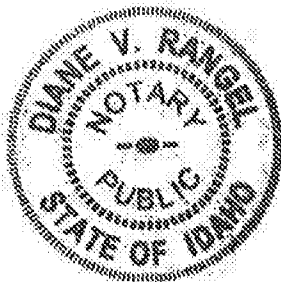
State of Idaho

County of Ada

)  
) ss.  
)

On this 7<sup>th</sup> day of June, 2016, before me, Diane V. Rangel, Patent Assistant (name and title of Notary Official), personally appeared James Mathew, known or identified to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed within the Assignment, and acknowledged to me that he/she executed the Assignment in his/her authorized capacity, and that by his/her signature on the Assignment, the person executed the Assignment.

SEAL



Diane V. Rangel

My Commission Expires: 6-30-17



Dated: 6/7/2016

Signature: Kunal Shrotri  
Kunal Shrotri

State of Idaho

County of Ada

)  
) ss.  
)

On this 7<sup>th</sup> day of June, 2016, before me, Diane V. Rangel, Patent Assistant (name and title of Notary Official), personally appeared Kunal Shrotri, known or identified to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed within the Assignment, and acknowledged to me that he/she executed the Assignment in his/her authorized capacity, and that by his/her signature on the Assignment, the person executed the Assignment.

SEAL



Diane V. Rangel  
My Commission Expires: 6-30-17

Dated: 6/13/2016

Signature: Luan C. Tran  
Luan C. Tran

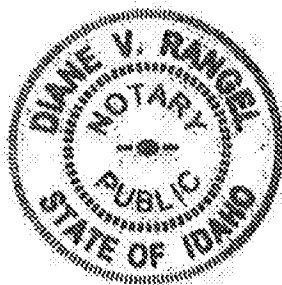
State of Idaho

County of Ada

)  
) ss.  
)

On this 13<sup>th</sup> day of JUNE V. Rangel, 2016, before me, Diane V. Rangel, Patent Assistant (name and title of Notary Official), personally appeared Luan C. Tran, known or identified to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed within the Assignment, and acknowledged to me that he/she executed the Assignment in his/her authorized capacity, and that by his/her signature on the Assignment, the person executed the Assignment.

SEAL



Diane V. Rangel  
My Commission Expires: 6-30-17

Dated: 6-13-16

Signature: Gordon A. Haller  
Gordon A. Haller

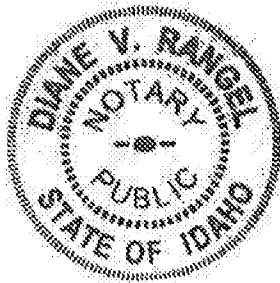
State of Idaho

County of Ada

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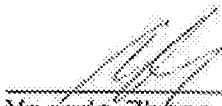
On this 13<sup>th</sup> day of June, 2016, before me, Diane V. Rangel, Patent Assistant (name and title of Notary Official), personally appeared Gordon A. Haller, known or identified to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed within the Assignment, and acknowledged to me that he/she executed the Assignment in his/her authorized capacity, and that by his/her signature on the Assignment, the person executed the Assignment.

SEAL



Diane V. Rangel  
My Commission Expires: 6-30-17

Dated: 6/10/2016

Signature:   
Yangda Zhang


On this day before me personally appeared Yangda Zhang, known or identified to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed within the Assignment, and acknowledged to me that he/she executed the Assignment in his/her authorized capacity, and that by his/her signature on the Assignment, the person executed the Assignment.

Witness Name (printed): Adeline Yji

Witness Signature: 

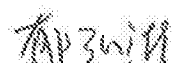
Date: 6/10/2016

Witness Name (printed): Ek Siang Loke

Witness Signature: 

Date: 6/10/2016

Dated: 20-Jun-2016.

Signature:   
Hongpeng Yu

On this day before me personally appeared Hongpeng Yu, known or identified to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed within the Assignment, and acknowledged to me that he/she executed the Assignment in his/her authorized capacity, and that by his/her signature on the Assignment, the person executed the Assignment.

Witness Name (printed): Zhang Yang da

Witness Signature: 

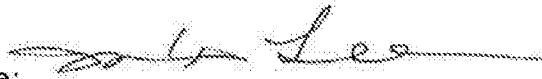
Date: 20-Jun-2016

Witness Name (printed): LOKE EK SIANG

Witness Signature: 

Date: 20-Jun-2016

Dated: 06/07/16

Signature:   
Minsoo Lee

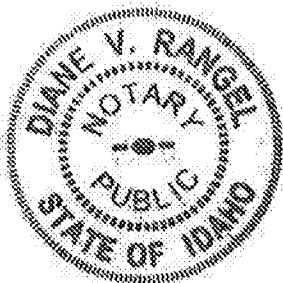
State of Idaho

County of Ada

)  
) ss.  
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On this 7<sup>th</sup> day of June, 2016, before me, Diane V. Rangel, Patent Assistant (name and title of Notary Official), personally appeared Minsoo Lee, known or identified to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed within the Assignment, and acknowledged to me that he/she executed the Assignment in his/her authorized capacity, and that by his/her signature on the Assignment, the person executed the Assignment.

SEAL



  
My Commission Expires: 6-30-17