

## PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT4832082

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
TAE H. KIM	02/05/2018
SANGMIN HWANG	02/15/2018
SI-WOO LEE	02/15/2018
<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>
<b>Application Number:</b>	15900403
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	MI22-6413
<b>NAME OF SUBMITTER:</b>	CHERYL A. THOMPSON
<b>SIGNATURE:</b>	/Cheryl A. Thompson/
<b>DATE SIGNED:</b>	02/20/2018
<b>Total Attachments: 4</b>	
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ASSIGNMENT

PARTIES TO THE ASSIGNMENT:

INVENTORS:

Tae H. Kim  
5437 E. Branchwood Ct.  
Boise, ID 83716  
United States

Sangmin Hwang  
2955 S Shadywood Way  
Boise, ID 83716  
United States

Si-Woo Lee  
5889 E. Playwright St.  
Boise, ID 83716  
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 entitled "Apparatuses Having Memory Strings Compared to One Another Through a Sense Amplifier."

Micron Technology, Inc. (hereinafter referred to as "ASSIGNEE") desires to acquire and/or memorialize acquisition of the entire right, title and interest in said inventions and with respect to any Letters Patent that may be granted with respect to said 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 patent application and to any reissues, renewals, divisions or continuations of the patent application thereof, and hereby authorizes the Commissioner of Patents and Trademarks to issue all resulting Letters Patents to ASSIGNEE for the sole use and commercial exploration 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 Patents to ASSIGNEE as well as all other necessary papers in relation to such

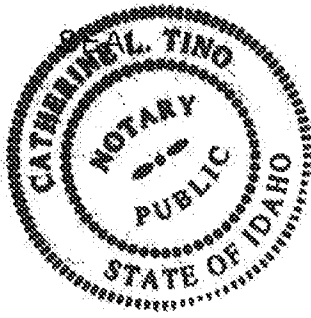
applications and Letters Patents. INVENTORS hereby consent that a copy of this Assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country as proof of the right of ASSIGNEE to apply for patent and other form of protection for said inventions and 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: 2/5/2018 Signature: Tae H. Kim  
Tae H. Kim

State of Idaho )  
County of Ada ) ss.

On this 5<sup>th</sup> day of February, 2018, before me, Catherine L. Tino (name and title of Notary Official), personally appeared Tae H. Kim, 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.



Catherine L. Tino  
My Commission Expires: 12/30/18

Dated: 02/15/18

Signature: *Sangmin Hwang*  
Sangmin Hwang

State of Idaho

County of Ada

)  
) ss.  
)

On this 15<sup>th</sup> day of February, 2018, before me, Sarah M. Rebollozo (name and title of Notary Official), personally appeared Sangmin Hwang, 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



*Sarah M. Rebollozo*  
My Commission Expires: 6/16/2023

Dated: 02/15/18

Signature: *Si-Woo Lee*  
Si-Woo Lee

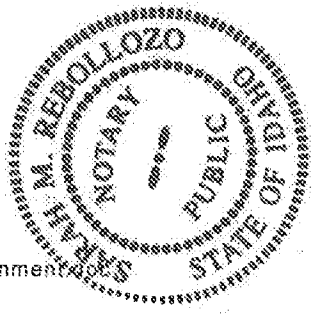
State of Idaho

County of Ada

)  
) ss.  
)

On this 15<sup>th</sup> day of February, 2018, before me, Sarah M. Rebollozo (name and title of Notary Official), personally appeared See-Woo 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



*Sarah M. Rebollozo*  
My Commission Expires: 6/16/2023