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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SHYAM SURTHI	05/14/2019
BYEUNG CHUL KIM	05/16/2019
RICHARD J. HILL	05/14/2019
FRANCOIS H. FABREGUETTE	05/14/2019
GURTEJ S. SANDHU	05/17/2019

RECEIVING PARTY DATA

Name:	MICRON TECHNOLOGY, INC.		
Street Address:	8000 SOUTH FEDERAL WAY		
Internal Address:	MS 1-525		
City:	BOISE		
State/Country:	IDAHO		
Postal Code:	83716		

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	16417162	

CORRESPONDENCE DATA

Fax Number: (509)838-3424

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.

Phone: 509-624-4276

Email: docketing@wellsstjohn.com WELLS ST. JOHN, P.S. **Correspondent Name:** 601 W. MAIN AVENUE Address Line 1:

Address Line 2: SUITE 600

Address Line 4: SPOKANE, WASHINGTON 99201

ATTORNEY DOCKET NUMBER:	MI22-6854		
NAME OF SUBMITTER:	CHERYL A. THOMPSON		
SIGNATURE:	/Cheryl A. Thompson/		
DATE SIGNED:	05/20/2019		

PATENT REEL: 049233 FRAME: 0387 505484960

Total Attachments: 9	
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PATENT REEL: 049233 FRAME: 0388

ASSIGNMENT

PARTIES TO THE ASSIGNMENT:

INVENTORS:

Shyam Surthi 3250 E. Bayberry Cta Boise, ID 83706 United States

Byeung Chul Kim 7064 E. Ghost Bar St. Boise, ID 83716 United States

Richard J. Hill 636 N. Morningside Way Boise, ID 83712 United States

Francois H. Fabreguette 1417 N. 17th Street Boise, ID 83702 United States

Gurtej S. Sandhu 2964 E. Parkriver Drive 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 Assemblies Having

Vertically-Extending Channel Material with Alternating Regions of Different

Dopant Distributions, and Methods of Forming Integrated Assemblies.

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(s) 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 patent application(s) and to any reissues,

renewals, divisions or continuations of the application(s) thereof, and hereby

authorizes the Commissioner of Patents and Trademarks to issue such

Letters Patent(s) 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(s) or resulting Letters Patent(s); 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(s) 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 application(s) 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(s) to ASSIGNEE as well as all other necessary papers in relation to such applications and Letters Patent(s). 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	114	2019	
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Signature:

Shvam Surthi

Dated: <u>65-14-2019</u> Signature: <u>Byeng Com</u> Byeung Chul Kim

Dated: 5/14/19

Signature

Richard J. Hill

Dated: 05/14/2019

Signature:

François H. Fabreguette

Dated: $\frac{5/(7/201)}{}$ Signature:

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RECORDED: 05/20/2019

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