505868168 01/16/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
THOMAS H. KINSLEY	12/15/2019
GEORGE E. PAX	12/19/2019
YOGESH SHARMA	12/21/2019
GREGORY A. KING	01/15/2020
CHAN H. YOO	12/20/2019
RANDON K. RICHARDS	12/20/2019
TIMOTHY M. HOLLIS	12/20/2019
ERIC J. STAVE	12/20/2019

RECEIVING PARTY DATA

Name:	MICRON TECHNOLOGY, INC.	
Street Address:	8000 S. FEDERAL WAY	
Internal Address:	P.O. BOX 6	
City:	BOISE	
State/Country:	IDAHO	
Postal Code:	83707-0006	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16720976

CORRESPONDENCE DATA

Fax Number: (206)359-7198

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Correspondent Name: PERKINS COIE LLP
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ATTORNEY DOCKET NUMBER: 010829-9389.US01

NAME OF SUBMITTER: ELIZABETH AVISON

505868168 PATENT REEL: 051536 FRAME: 0332

SIGNATURE:	/Elizabeth Avison/	
DATE SIGNED: 01/16/2020		
Total Attachments: 7		
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PATENT REEL: 051536 FRAME: 0333

ASSIGNMENT BY INVENTORS

This Assignment is by the following individuals (the "Assignors"):

- Thomas H. Kinsley, having a mailing address of c/o Micron Technology, Inc., 8000 S.
 Federal Way, P.O. Box 6, Boise, Idaho 83707-0006;
- George E. Pax, having a mailing address of c/o Micron Technology, Inc., 8000 S. Federal Way, P.O. Box 6, Boise, Idaho 83707-0006;
- Yogesh Sharma, having a mailing address of c/o Micron Technology, Inc., 8000 S. Federal Way, P.O. Box 6, Boise, Idaho 83707-0006;
- Gregory A. King, having a mailing address of c/o Micron Technology, Inc., 8000 S. Federal Way, P.O. Box 6, Boise, Idaho 83707-0006;
- Chan H. Yoo, having a mailing address of c/o Micron Technology, Inc., 8000 S. Federal Way, P.O. Box 6, Boise, Idaho 83707-0006;
- Randon K. Richards, having a mailing address of c/o Micron Technology, Inc., 8000 S.
 Federal Way, P.O. Box 6, Boise, Idaho 83707-0006;
- Timothy M. Hollis, having a mailing address of c/o Micron Technology, Inc., 8000 S.
 Federal Way, P.O. Box 6, Boise, Idaho 83707-0006; and
- Eric J. Stave, having a mailing address of c/o Micron Technology, Inc., 8000 S. Federal Way,
 P.O. Box 6, Boise, Idaho 83707-0006.

The Assignors invented one or more certain inventions (the "Invention(s)") described in an application for Letters Patent of the United States titled MEMORY DEVICES, MODULES AND SYSTEMS HAVING MEMORY DEVICES WITH VARYING PHYSICAL DIMENSIONS, MEMORY FORMATS, AND OPERATIONAL CAPABILITIES, naming the Assignors as inventors, and filed on <u>December 19, 2019</u> as U.S. Application No. <u>16/720,976</u> (the "Application"). The Assignors authorize the Assignee, identified below, or its representatives to insert the application number and filing date of the Application when known.

Micron Technology, Inc., a corporation of Delaware having its principal place of business at 8000 S. Federal Way, P.O. Box 6, Boise, Idaho 83707-0006 ("Assignee"), desires to acquire the entire right, title and interest in and to the Invention(s) and the Application, and in and to any patents

PATENT REEL: 051536 FRAME: 0334

For valuable consideration, the receipt and sufficiency of which Assignors acknowledge, Assignors hereby sell, assign, and transfer to Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to: the Invention(s), the Application, and any Patents; any divisions, continuations, and continuations-in-part of the Application and any other application claiming priority rights from the Application; any reissues, reexaminations, or extensions of any and all Patents; the right to file foreign applications directly in the name of Assignee; and the right to claim priority rights deriving from the Application (collectively, the "Rights"). Assignors warrant that Assignors own the Rights, and that the Rights are unencumbered. Assignors also agree to not sign any writing or do any act conflicting with this assignment, and, without further compensation, sign all documents and do such additional acts as Assignee deems necessary or desirable to: perfect Assignee's enjoyment of the Rights; conduct proceedings regarding the Rights, including any litigation or interference proceedings; or perfect or defend title to the Rights. Assignors request the Commissioner of Patents to issue any Patent of the United States that may be issued on the Invention(s) to Assignee. This Assignment may be executed in counterparts.

Date:	12/15/2019	<u> </u>
	•	Thomas H. Kinsley
Date:		George E. Pax
Date:		Yogesh Sharma
Date:		Gregory A. King
Date:		
		Chan H. Yoo

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Date:		
Date:	12/19/2019	Thomas H. Kinsley
		George E. Pax
Date:		**************************************
		Yogesh Sharma
Date: _		Gregory A. King
Date: _		Chan H. Yoo

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For valuable consideration, the receipt and sufficiency of which Assignors acknowledge, Assignors hereby sell, assign, and transfer to Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to: the Invention(s), the Application, and any Patents; any divisions, continuations, and continuations-in-part of the Application and any other application claiming priority rights from the Application; any reissues, reexaminations, or extensions of any and all Patents; the right to file foreign applications directly in the name of Assignee; and the right to claim priority rights deriving from the Application (collectively, the "Rights"). Assignors warrant that Assignors own the Rights, and that the Rights are unencumbered. Assignors also agree to not sign any writing or do any act conflicting with this assignment, and, without further compensation, sign all documents and do such additional acts as Assignee deems necessary or desirable to: perfect Assignee's enjoyment of the Rights; conduct proceedings regarding the Rights, including any litigation or interference proceedings; or perfect or defend title to the Rights. Assignors request the Commissioner of Patents to issue any Patent of the United States that may be issued on the Invention(s) to Assignce. This Assignment may be executed in counterparts.

Date:	Thomas H. Kinsley
Date:	George E. Pax
Date: 12/21/2019	Yogesh Sharma
Date:	Gregory A. King
Date:	Chan H. Yoo

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Date:	Thomas H. Kinsley
Date:	George E. Pax
Date:	Yogesh Sharma
Date:	2 TGyggyy A. King
Date:	Chan H. Yoo

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Date:		<u></u>
		Thomas H. Kinsley
Date:		
		George E. Pax
Date:	-	
		Yogesh Sharma
Date:		
	· · · · · · · · · · · · · · · · · · ·	Gregory A. King
Date:	D/20/2019	
		Chan H. Yoo

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Date: 12/20/19 — /m Ablas
Timothy M. Hollis

Date: 12/20/4 = 2/20/4 Enc. J. Stave