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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
DALE H. HISCOCK	11/26/2019
EVAN C. PEARSON	11/26/2019
JOHN H. GENTRY	11/18/2019
MICHAEL J. SCOTT	11/26/2019
GREG S. GATLIN	11/27/2019
LAEL H. MATTHEWS	11/26/2019
ANTHONY M. GEIDL	11/26/2019
MICHAEL ROTH	11/26/2019
MARKUS H. GEIGER	12/05/2019

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16706642

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NAME OF SUBMITTER:	SAM BEARD
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DATE SIGNED:	12/06/2019

Total Attachments: 3

source=2019-12-06 Assignment as Filed (010829-9428.US00)#page1.tif source=2019-12-06 Assignment as Filed (010829-9428.US00)#page2.tif source=2019-12-06 Assignment as Filed (010829-9428.US00)#page3.tif

ASSIGNMENT BY INVENTORS

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

- Dale H. Hiscock, having a mailing address of 4217 W. Camas Street, Boise, ID 83705;
- Evan C. Pearson, having a mailing address of 2908 E. Nahuatl Drive, Boise, ID 83716;
- John H. Gentry, having a mailing address of 2420 W. Canal Street #108, Boise, ID 83705;
- Michael J. Scott, having a mailing address of 4346 S. Varian Avenue, Boise, ID 83709;
- Greg S. Gatlin, having a mailing address of 1670 Targhee Street, Mountain Home, ID 83647;
- Lael H. Matthews, having a mailing address of 3572 E. Rockhampton Street, Meridian, ID 83642;
- Anthony M. Geidl, having a mailing address of 1291 S. Manitou Avenue, Boise, ID 83706;
- Michael Roth, having a mailing address of 5638 E. Felly Rim Court, Boise, ID 83716; and
- Markus H. Geiger, having a mailing address of 705 N. Eastridge Place, Boise, ID 83712.

The Assignors invented one or more certain inventions (the "Invention(s)") described in an application for Letters Patent of the United States titled MEMORY WITH TSV HEALTH MONITOR CIRCUITRY, naming the Assignors as inventors, and filed on <u>December 6, 2019</u> as U.S. Application No. <u>16/706,642</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 (collectively, "Patents") that may be granted for the Invention(s) in the United States or in any foreign countries.

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: 11-26-2011	DU 4=
Date:	Dale H. Hiscock ACP Evan C. Pearson
Date;	
Date: 11/26/2019	John H. Gentry
Date; 1//27/247	Michaelli. Scott
Date:11/2-6/19	Greg S. Gatlin
Date:	Lael H. Matthews
Date:	Anthony M. Geidl Mchal Landon Letter
Date: 12/5/19	Michael Roth Markus W Geiger
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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:		
		Dale H. Hiscock
Date:		
		Evan C. Pearson
Date:	11/18/2019	John H. Gentry
		✓ John H. Gentry
Date:		
		Michael J. Scott
Date:	<u></u>	
		Greg S. Gatlin
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		Lael H. Matthews
Date:		Anthony M. Geidl
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