

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
SATORU SUGIMOTO	01/29/2019
HIROKI HOSAKA	01/29/2019
HAYATO OISHI	01/29/2019
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<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>	16262087
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<b>NAME OF SUBMITTER:</b>	CHERYL A. THOMPSON
<b>SIGNATURE:</b>	/Cheryl A. Thompson/
<b>DATE SIGNED:</b>	01/30/2019
<b>Total Attachments: 6</b>	
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## ASSIGNMENT

### PARTIES TO THE ASSIGNMENT:

#### INVENTORS:

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1-2-70, Konan, Minato-ku, Tokyo  
108-0075 Japan

#### 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 Capacitive Units, and Having Resistive Structures Coupled with the Capacitive Units.

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: Jan. 29th, 2019

Signature: Satoru Sugimoto  
Satoru Sugimoto

On this day before me personally appeared Satoru Sugimoto, 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): Shoji Eguchi

Witness Signature: *Shoji Eguchi*

Date: 1/22/2019

Witness Name (printed): Shoko Tomita

Witness Signature: *Shoko Tomita*

Date: 01-29-2019

Dated: January 29 2019 Signature: Hiroki Hosaka  
Hiroki Hosaka

On this day before me personally appeared Hiroki Hosaka, 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): Shoji Eguchi  
Witness Signature: Shoji Eguchi  
Date: 1/29/2019

Witness Name (printed): Shoko Tomita  
Witness Signature: Shoko Tomita  
Date: 01-29-2019

Dated: January 29 2019

Signature: Hayato Oishi  
Hayato Oishi

On this day before me personally appeared Hayato Oishi, 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): Shoji Eguchi

Witness Signature: Shoji Eguchi

Date: 1/29/2019

Witness Name (printed): Shoko Tomita

Witness Signature: Shoko Tomita

Date: 01-29-2019