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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5657064

SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT		
CONVEYING PARTY D	ΑΤΑ			
Name			Execution Date	
MITSUNARI SUKEKAWA			07/30/2019	
CHRISTOPHER J. KAWAMURA			08/06/2019	
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RECEIVING PARTY DA	MICRON TECHNOLOGY, INC.			
	_			
City:		BOISE		
State/Country:		IDAHO		
Postal Code:	83716	83716		
PROPERTY NUMBERS	6 Total:			
Property Type		Number]	
Application Number:		16534120		
CORRESPONDENCE I Fax Number:	JATA	(509)838-3424		
Correspondence will be sent a		(303)030-3424		

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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ATTORNEY DOCKET NUMBER:	MI22-6983			
NAME OF SUBMITTER:	BRIDGET WISEMAN			
SIGNATURE:	/Bridget Wiseman/			
DATE SIGNED:	08/07/2019			
Total Attachments: 5				
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ASSIGNMENT

PARTIES TO THE ASSIGNMENT:

INVENTORS:

Mitsunari Sukekawa c/o Micron Memory Japan, G.K. 8th Floor, Shinagawa Season Terrace 1-2-70, Konan, Minato-ku Tokyo, Japan 108-0075

Christopher J. Kawamura 1778 S. Toluka Way Boise, ID 83712 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 "Memory Device with Bitline Noise Suppressing Scheme."

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,

MI22-6983 2019-0585.00/US 1 of 5

PATENT REEL: 049988 FRAME: 0101

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.

MI22-6983 2019-0585.00/US

PATENT REEL: 049988 FRAME: 0102

To be binding on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

PATENT REEL: 049988 FRAME: 0103

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Dated: July Both 2019

Signature:

Mitsunari Sukekawa

On this day before me personally appeared Mitsunari Sukekawa, 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): Sho	<u>ii Equchi</u>
Witness	Signature:	W. Finds
Date:	7/30/2019	7
	· · · /	
Witness	Name (printed): Sho	ko Tomita

Witness Signature: 🔍 Date:

MI22-6983 2019-0585.00/US 4 of 5

Signature: <u>A.</u> Christopher J. Kawamura Dated: <u>8/6/19</u>

MI22-6983 2019-0585.00/US 5 of 5

PATENT REEL: 049988 FRAME: 0105

RECORDED: 08/07/2019