## 504555044 09/19/2017

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4601753

SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT		
CONVEYING PARTY D	ΑΤΑ			
		Name		Execution Date
MAMORU NISHIZAKI				09/19/2017
RECEIVING PARTY DA				
Name:	MICRON TECHNOLOGY, INC.			
Street Address:	8000 SOUTH FEDERAL WAY			
City:	BOISE			
State/Country:	IDAHO			
Postal Code:	83716-9632			
PROPERTY NUMBERS	Total: 1			
Property Type		Number		
Application Number:	15	709250		
CORRESPONDENCE D	ΑΤΑ			
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Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4: TTORNEY DOCKET NU	ip.4 DC CC 70 SE	docket.se@dorsey.com DRSEY & WHITNEY LLP-IP DEF DLUMBIA CENTER 1 5TH AVENUE, SUITE 6100 EATTLE, WASHINGTON 98104-7 P265402.US.02 KIMTON ENG		
Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4: TTORNEY DOCKET NU AME OF SUBMITTER: IGNATURE: ATE SIGNED: otal Attachments: 2	ip.4 DC CC 70 SE	docket.se@dorsey.com DRSEY & WHITNEY LLP-IP DEF DLUMBIA CENTER 1 5TH AVENUE, SUITE 6100 EATTLE, WASHINGTON 98104-7 P265402.US.02 KIMTON ENG /Kimton Eng/		

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Mamoru Nishizaki

Filed : Concurrently herewith

For : POWER SUPPLY WIRING IN A SEMICONDUCTOR MEMORY DEVICE Docket No. P265402.US.02

Disclosure No. 2016-0089.00/US

## ASSIGNMENT:

X Enclosed for recording Previously recorded Date: Reel:

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned does hereby:

SELL, ASSIGN AND TRANSFER to Micron Technology, Inc. (the "Assignee"), a corporation of Delaware, having a place of business at 8000 South Federal Way, Boise, Idaho 83716-9632, the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the U.S. provisional patent application which was filed August 17, 2017 and assigned Application No. 62/547,022 and is entitled "POWER SUPPLY WIRING IN A SEMICONDUCTOR MEMORY DEVICE,"; such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States of America;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

PATENT REEL: 043632 FRAME: 0044 WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT that, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for securing, maintaining and enforcing proper patent protection for such improvements and for vesting title to such improvements in the Assignee;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominces of the Assignee.

Signature: Mamorin Mishingahi Date: 9/19/20/7

Assignor Name: Mamoru Nishizaki

Witness # 1: Signature:

Date: 2017/9/18

Witness Name: Yasuhiro Yamaya

Witness # 2:

Signature: <u>Anda Tometa</u>

Witness Name: Shoko Tomita

Date: 0/-19-2012

PATENT REEL: 043632 FRAME: 0045

**RECORDED: 09/19/2017**