504605009 10/20/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT4651721 Stylesheet Version v1.2

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YUTAKA ITO	10/19/2017
YUAN HE	10/19/2017

RECEIVING PARTY DATA

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:	15789897

CORRESPONDENCE DATA

Fax Number: (206)299-9288

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

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

Phone: 2069038800

Email: ip.docket.se@dorsey.com

Correspondent Name: DORSEY & WHITNEY LLP-IP DEPT.-MTI

Address Line 1: COLUMBIA CENTER

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ATTORNEY DOCKET NUMBER: P267280.US.01

NAME OF SUBMITTER: MIKA ITO

SIGNATURE: /Mika Ito/

DATE SIGNED: 10/20/2017

Total Attachments: 3

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PATENT 504605009 REEL: 043917 FRAME: 0877

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	Docket No. P267280.US.01	
Yutaka Ito and Yuan He	Disclosure No. 2017-0501.00/US	
Filed: Concurrently herewith	Disclosure 110. 2017-0301.00/03	
For : APPARATUS AND METHODS FOR REFRESHING MEMORY		
ASSIGN	MENT:	
X Enclosed for recordingPreviously recorded		
Date:		
Reel:		

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned do 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 application for United States Letters Patent, which has been executed by the undersigned concurrently herewith and is entitled "APPARATUS AND METHODS FOR REFRESHING MEMORY", 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;

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 nominees of the Assignee.

Signature: 4 Lo Assignor Name: Yutaka Ito	Date:	2017 - 10-19 (YYYY-MM-DD)
Witness 1: Signature: Shoji Eguchi	Date:	10/7-10-19 (YYYY-MM-DD)
Witness 2: Signature:	Date:	2017-10-19 (YYYY-MM-DD)

Docket No. P267280.US.01

Signature: Yuan He Assignor Name: Yuan He	Date: 2017 - 10 - 19 (YYYY-MM-DD)	
Witness 1: Signature: Signature: Shoji Eguchi	Date: 2017-10-19 (YYYY-MM-DD)	
Witness 2: Signature: The Least 4 Witness Name: Shoko Tomita	Date: \(\frac{\frac}{\fint}}}}}{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac}{\frac{\frac{\frac{\frac{\frac}}}}}{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac}{\fired{\frac{\frac{\frac{\frac}{\frac{\frac{\frac{\frac{\frac}}}{\firac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\fir}}}{\firac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac}{\frac{\frac	