505716046 10/09/2019

# PATENT ASSIGNMENT COVER SHEET

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**SUBMISSION TYPE:** CORRECTIVE ASSIGNMENT **NATURE OF CONVEYANCE:** Corrective Assignment to correct the EXECUTION DATES OF 2ND AND 3RD INVENTORS previously recorded on Reel 050014 Frame 0930. Assignor(s) hereby confirms the 2ND INVENTOR CHIKARA KONDO EXECUTION DATE: 06/15/2016; 3RD INVENTOR HIROYUKI TANAKA **EXECUTION DATE: 06/15/2016.** 

#### **CONVEYING PARTY DATA**

Name	Execution Date
TOMOYUKI SHIBATA	06/15/2016
CHIKARA KONDO	06/15/2016
HIROYUKI TANAKA	06/15/2016

#### **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:	16537076

#### CORRESPONDENCE DATA

Fax Number: (206)903-8820

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.

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Email: wang.jean@dorsey.com **Correspondent Name: DORSEY & WHITNEY LLP** 

Address Line 1: **COLUMBIA CENTER** 

Address Line 2: 701 FIFTH AVENUE, SUITE 6100 SEATTLE, WASHINGTON 98104-7043 Address Line 4:

**ATTORNEY DOCKET NUMBER:** P258541.US.02

NAME OF SUBMITTER: **JEAN WANG SIGNATURE:** /Jean Wang/ **DATE SIGNED:** 10/09/2019

**Total Attachments: 5** 

**PATENT** REEL: 050700 FRAME: 0602

EPAS ID: PAT5762856

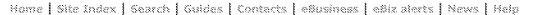
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PATENT REEL: 050700 FRAME: 0603



#### United States Patent and Trademark Office





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### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	<b>Execution Date</b>
TOMOYUKI SHIBATA	06/15/2016
	06/15/2019
HIROYUKI TANAKA	06/15/2019

#### RECEIVING PARTY DATA

<u> </u>	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:	16537076	

## **CORRESPONDENCE DATA**

**Fax Number:** (206)903-8820 **Phone:** 206-903-8800

PATENT \*\*
REEL: 050700 FRAME: 0604

Email: ip.docket.se@dorsey.com 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. Correspondent Name: DORSEY & WHITNEY LLP-IP DEPT.-MTI Address Line 1: COLUMBIA CENTER Address Line 2: 701 5TH AVENUE, SUITE 6100 Address Line 4: SEATTLE, WASHINGTON 98104-7043 ATTORNEY DOCKET P258541.US.02 **NUMBER:** NAME OF SUBMITTER: JEAN WANG /Jean Wang/ Signature: Date: 08/09/2019 **Total Attachments: 3** source=20160615 Assignment (Signed) P258541US01 (copy) 4820-3776-0668 v.1#page1.tif source=20160615 Assignment (Signed) P258541US01 (copy) 4820-3776-0668 v.1#page2.tif source=20160615 Assignment (Signed) P258541US01 (copy) 4820-3776-0668 v.1#page3.tif RECEIPT INFORMATION EPAS ID: PAT5662137 Receipt Date: 08/09/2019

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PATENT REEL: 050700 FRAME: 0605

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Tomoyuki Shibata, Chikara Kondo, and Hiroyuki Tanaka

Disclosure No. 2015-0470.00/US

Filed: Concurrently herewith

For: SHARED ERROR DETECTION AND CORRECTION MEMORY

#### ASSIGNMENT:

<u>X</u>	Enclosed for recording
	Previously 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 "SHARED ERROR DETECTION AND CORRECTION 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

PATENT REEL: 050700 FRAME: 0606 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: Tomoyuki Shibata	Date: 6/15/2016	
Witness 1: Signature: John Form to Witness Name: Shoko Tomita	Date: 6/15/2016	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Witness 2: Signature:	Date: 6/15/2016	

Signature: Utikara Kondo	Date: 6 / 15 / 26/6
Assignor Name: Chikara Kondo	4
Witness 1: Signature:	Date: 6/15/2016
Witness 2: Signature: Themas A. Witness Name: Miku Takemasa	Date: <u>6/15/2016</u>
Signature: Hisaya Bi Janada Assignor Name: Hiroyuki Tanaka	Date: 6/15 /2016
Witness 1: Signature:	Date: 6/15/2016
Witness 2: Signature: 2006 Follows A Witness Name: Miku Takemasa	Date: 6/15/20/6

PATENT REEL: 050700 FRAME: 0608

RECORDED: 10/09/2019