

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6278141

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the LIST OF RECORDED INVENTORS, TO INCLUDE THE NAME OF AN INVENTOR THAT WAS LEFT OFF THE ORIGINALLY RECORDED ASSIGNMENT (YUNFEI GAO) previously recorded on Reel 053642 Frame 0913. Assignor(s) hereby confirms the ASSIGNMENT.
CONVEYING PARTY DATA	
Name	Execution Date
KAMAL M. KARDA	08/31/2020
DEEPAK CHANDRA PANDEY	08/25/2020
LITAO YANG	08/25/2020
SRINIVAS PULUGURTHA	08/28/2020
HAITAO LIU	08/25/2020
YUNFEI GAO	09/01/2020
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:	17007327
CORRESPONDENCE DATA	
Fax Number:	(612)659-9344
<i>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.</i>	
Email:	olson@bipl.net
Correspondent Name:	BROOKS, CAMERON & HUEBSCH, PLLC
Address Line 1:	1201 MARQUETTE AVENUE SOUTH, SUITE 400
Address Line 4:	MINNEAPOLIS, MINNESOTA 55403
ATTORNEY DOCKET NUMBER:	1013.0480001[20-023900US]
NAME OF SUBMITTER:	EDWARD J. BROOKS, III
SIGNATURE:	/Edward J. Brooks, III/

DATE SIGNED:	09/01/2020
Total Attachments: 9 source=00837252#page1.tif source=00837252#page2.tif source=00836824#page1.tif source=00836824#page2.tif source=00836824#page3.tif source=00836824#page4.tif source=00836824#page5.tif source=00836824#page6.tif source=00836824#page7.tif	



United States Patent and Trademark Office

[Home](#) | [Site Index](#) | [Search](#) | [Guides](#) | [Contacts](#) | [eBusiness](#) | [eBiz alerts](#) | [News](#) | [Help](#)*Electronic Patent Assignment System***Confirmation Receipt**

Your assignment has been received by the USPTO.
The coversheet of the assignment is displayed below:

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1

Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>KAMAL M. KARDA</td><td>08/31/2020</td></tr><tr><td>DEEPAK CHANDRA PANDEY</td><td>08/25/2020</td></tr><tr><td>LITAO YANG</td><td>08/25/2020</td></tr><tr><td>SRINIVAS PULUGURTHA</td><td>08/28/2020</td></tr><tr><td>HAITAO LIU</td><td>08/25/2020</td></tr></tbody></table>	Name	Execution Date	KAMAL M. KARDA	08/31/2020	DEEPAK CHANDRA PANDEY	08/25/2020	LITAO YANG	08/25/2020	SRINIVAS PULUGURTHA	08/28/2020	HAITAO LIU	08/25/2020	
Name	Execution Date												
KAMAL M. KARDA	08/31/2020												
DEEPAK CHANDRA PANDEY	08/25/2020												
LITAO YANG	08/25/2020												
SRINIVAS PULUGURTHA	08/28/2020												
HAITAO LIU	08/25/2020												
RECEIVING PARTY DATA													
<table border="1"><tr><td>Name:</td><td>MICRON TECHNOLOGY, INC.</td></tr><tr><td>Street Address:</td><td>8000 SOUTH FEDERAL WAY</td></tr><tr><td>City:</td><td>BOISE</td></tr><tr><td>State/Country:</td><td>IDAHO</td></tr><tr><td>Postal Code:</td><td>83716-9632</td></tr></table>	Name:	MICRON TECHNOLOGY, INC.	Street Address:	8000 SOUTH FEDERAL WAY	City:	BOISE	State/Country:	IDAHO	Postal Code:	83716-9632			
Name:	MICRON TECHNOLOGY, INC.												
Street Address:	8000 SOUTH FEDERAL WAY												
City:	BOISE												
State/Country:	IDAHO												
Postal Code:	83716-9632												
PROPERTY NUMBERS Total: 1													
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>17007327</td></tr></tbody></table>	Property Type	Number	Application Number:	17007327									
Property Type	Number												
Application Number:	17007327												

PATENT

CORRESPONDENCE DATA

Fax Number: (612)659-9344
Phone: 612-659-9340
Email: olson@higl.net

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: BROOKS, CAMERON & HUEBSCH, PLLC
Address Line 1: 1201 MARQUETTE AVENUE SOUTH
Address Line 2: SUITE 400
Address Line 4: MINNEAPOLIS, MINNESOTA 55403

**ATTORNEY DOCKET
NUMBER:**

1013.0480001[20-023900US]

NAME OF SUBMITTER:

EDWARD J. BROOKS, III

Signature:

/Edward J. Brooks, III/

Date:

08/31/2020

Total Attachments: 6

source=00836824#page1.tif
source=00836824#page2.tif
source=00836824#page3.tif
source=00836824#page4.tif
source=00836824#page5.tif
source=00836824#page6.tif

RECEIPT INFORMATION

EPAS ID: PAT6275542
Receipt Date: 08/31/2020

[Return to home page](#)

[\[HOME \]](#) [\[INDEX \]](#) [\[SEARCH \]](#) [\[eBUSINESS \]](#) [\[CONTACT US \]](#) [\[PRIVACY STATEMENT \]](#)

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**In re Application of:
Kamal M. Karda, et al.**

Docket No. 1013.0480001

Disclosure No. 2020-0239.00/US

Filed: Concurrently Herewith

**For: METAL INSULATOR SEMICONDUCTOR (MIS) CONTACT IN THREE
DIMENSIONAL (3D) VERTICAL MEMORY**

ASSIGNMENT

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 application for United States Letters Patent, which has been executed by the undersigned concurrently herewith and is entitled "METAL INSULATOR SEMICONDUCTOR (MIS) CONTACT IN THREE DIMENSIONAL (3D) VERTICAL 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 right and property herein conveyed has been or will be made to others by the undersigned, and that 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 improvement 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.

IN TESTIMONY WHEREOF, I have hereunto set my hand.

/Kamal M.Karda/

Date: 08/31/2020

Kamal M. Karda

WARRANT AND COVENANT that no assignment, grant mortgage, license, or other agreement affecting the right and property herein conveyed has been or will be made to others by the undersigned, and that 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 improvement 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.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 25 day of August, 2020.

/Deepak Chandra Pandey/ Date: 8/25/2020
Deepak Chandra Pandey

WITNESS 1:

Naveen Neelapala /Naveen Neelapala/
Printed Name Signature

8/25/2020
(Date)

WITNESS 2:

Partha Parthasarathy /Partha Parthasarathy/
Printed Name Signature

8/25/2020
(Date)

WARRANT AND COVENANT that no assignment, grant mortgage, license, or other agreement affecting the right and property herein conveyed has been or will be made to others by the undersigned, and that 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 improvement 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.

IN TESTIMONY WHEREOF, I have hereunto set my hand.

/Litao Yang/

Date: 08/25/2020

Litao Yang

WARRANT AND COVENANT that no assignment, grant mortgage, license, or other agreement affecting the right and property herein conveyed has been or will be made to others by the undersigned, and that 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 improvement 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.

IN TESTIMONY WHEREOF, I have hereunto set my hand.



Srinivas Pulugurtha

Date: 02/28/2020

ASSIGNMENT

Page 6 of 10

Attorney Docket No.: 1013.0480001[2020-0239.00/US]

Serial No.: Not Yet Assigned


Filing Date: Concurrently Herewith

WARRANT AND CONVENANT that no assignment, grant mortgage, license, or other agreement affecting the right and property herein conveyed has been or will be made to others by the undersigned, and that 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 improvement 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.

IN TESTIMONY WHEREOF, I have hereunto set my hand.


Haitao Liu

Date: 8-25-2020

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 improvement 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.

IN TESTIMONY WHEREOF, I have hereunto set my hand.

Date: 09/01/2020

Yunfei Gao