# 505849927 01/07/2020

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5896864

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
SANTANU SARKAR	12/23/2019
JEROME A. IMONIGIE	12/23/2019
KENT H. ZHUANG	12/23/2019
JOSIAH JEBARAJ JOHNLEY MUTHURAJ	12/27/2019
JANOS FUCSKO	12/23/2019
BENJAMIN E. GREENWOOD	01/06/2020
FARRELL M. GOOD	01/02/2020

## **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:	16729903

# **CORRESPONDENCE DATA**

**Fax Number:** (612)659-9344

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:
 612-659-9340

 Email:
 olson@bipl.net

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:	1013.0440001[18-123900US]
NAME OF SUBMITTER:	KEVIN G. WADDICK
SIGNATURE:	/Kevin G. Waddick/
DATE SIGNED:	01/07/2020

505849927 REEL: 051432 FRAME: 0672

# Total Attachments: 8 source=00780322#page1.tif source=00780322#page3.tif source=00780322#page4.tif source=00780322#page5.tif source=00780322#page6.tif source=00780322#page7.tif source=00780322#page8.tif

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Santano Sarkar, et al. Docket No. 1013.0440001

Disclosure No. 2018-1239.00/US

Filed: Concurrently Herewith

For: SEMICONDUCTOR STRUCTURE FORMATION

### 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 "SEMICONDUCTOR STRUCTURE FORMATION"; 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;

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Attorney Docket No.: 1013.0440001 [2018-1239.00/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.

Sustann	Sarker	Date: $/2/23$	12019
Santanu Sarkar	- Control of the Cont		

ASSIGNMENT Page 3 of 8

Attorney Docket No.: 1013.0440001 [2018-1239.00/US]

Serial No.: Not Yet Assigned Filing Date: Concurrently Herewith

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IN TESTIMONY WHEREOF, I have hereunto set my hand.

Jerome A. Imonigie

Serial No.: Not Yet Assigned Filing Date: Concurrently Herewith

Page 4 of 8 Attorney Docket No.: 1013.0440001 [2018-1239.00/US]

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IN TESTIMONY WHEREOF, I have hereunto set my hand.

Kent H. Zhuang

Date: 12/23/2019

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Attorney Docket No.: 1013.0440001 [2018-1239.00/US]

Serial No.: Not Yet Assigned Filing Date: Concurrently Herewith

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daul		12	27	2019
Josiah Jebaraj Johnley Muthuraj	77			

Attorney Docket No.: 1013.0440001 [2018-1239,00/US]

Serial No.: Not Yet Assigned Filing Date: Concurrently Herewith

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IN TESTIMONY WHEREOF, I have hereunto set my hand.

Janos Fucsko

Fruto Date: 12/23/2019

PATENT REEL: 051432 FRAME: 0679

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Attorney Docket No.: 1013.0440001 [2018-1239.00/US]

Serial No.: Not Yet Assigned Filing Date: Concurrently Herewith

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IN TESTIMONY WHEREOF, I have hereunto set my hand.

Benjamin E. Greenwood

**PATENT** 

REEL: 051432 FRAME: 0680

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Attorney Docket No.: 1013.0440001 [2018-1239.00/US]

Serial No.: Not Yet Assigned Filing Date: Concurrently Herewith

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IN TESTIMONY WHEREOF, I have hereunto set my hand.

W. Sood Date: 1/2/2020

PATENT

REEL: 051432 FRAME: 0681