#### 504986146 07/02/2018

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5032892

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
DANIEL B. PENNEY	05/30/2017
GARY L. HOWE	05/30/2017
HARISH N. VENKATA	05/30/2017

## **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:	16025058

## 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: sherar@bipl.net

BROOKS, CAMERON & HUEBSCH, PLLC **Correspondent Name:** 

Address Line 1: 1201 MARQUETTE AVENUE SOUTH, SUITE 400

Address Line 4: MINNEAPOLIS, MINNESOTA 55403

ATTORNEY DOCKET NUMBER:	1002.2540002[16-004701US]
NAME OF SUBMITTER:	ANDY L. SCHOFIELD
SIGNATURE:	/Andy L. Schofield/
DATE SIGNED:	07/02/2018

# **Total Attachments: 4**

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> **PATENT REEL: 046250 FRAME: 0518**

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Daniel B. Penney, et al. Docket No. 1002.2540001

Disclosure No. 2016-0047.00/US

Filed: Concurrently Herewith

For: SHIFT SKIP

#### 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 "SHIFT SKIP"; 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;

Rev. 01/12

PATENT REEL: 046250 FRAME: 0519 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 this  $\frac{20}{20}$  day of  $\frac{100}{100}$ .

assignment instrument, and acknowledged to me that, he/she executed the same of his/her own

Daniel B. Penney

STATE OF

COUNTY OF LO

BEFORE ME, this <u>30</u> day of <u>May</u>, 2017 personally appeared the above-named individual, to me known to be the person who is described in and who executed the foregoing

05/30/2017

free will for the purpose therein expressed.

(SEAL)

CHRISTIE PARIS My Commission Expires June 21, 2017 Notary or Consular Officer

My Commission Expires

ASSIGNMENT

Attorney Docket No.: 1002.2540001 (2016-0047.00/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.

2017.

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STATE OF

Date:  $\frac{5}{3} \cdot \frac{6}{17}$ 

BEFORE ME, this of May , 2017 personally appeared the above-named

individual, to me known to be the person who is described in and who executed the foregoing assignment instrument, and acknowledged to me that he/she executed the same of his/her own

free will for the purpose therein expressed.

CHRISTIE PARIS Commission Expires June 21, 2017

Mustre Para Notary or Consular Officer My Commission Expires June 21, 2017

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ASSIGNMENT Page 4 of 4

Attorney Docket No.: 1002.2540001 [2016-0047.00/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 this 30 day of May ..., 2017.

andando	Date: 05 30 2017
Harish N. Venkata	
STATE OF Texas	
COUNTY OF Collin ) ss.	
BEFORE ME, this 30 day of Ma	, 2017 personally appeared the above-named
individual, to me known to be the person	who is described in and who executed the foregoing
assignment instrument, and acknowledge	ed to me that he/she executed the same of his/her own
free will for the purpose therein expresse	Anstretaria
SEALd	Notary or Consular Officer June 21, 201
CHRISTIE PARIS	My Commission Expires Vane a Lau'

Rev. 01/12

CHRISTIE PARIS Commission Expires June 21, 2017