504496832 08/09/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JEREMIAH J. WILLCOCK	11/21/2016

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:	15673139

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.

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Correspondent Name: BROOKS, CAMERON & HUEBSCH, PLLC

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ATTORNEY DOCKET NUMBER:	1002.2500002[16-051201US]	
NAME OF SUBMITTER:	KEVIN G. WADDICK	
SIGNATURE:	/Kevin G. Waddick/	
DATE SIGNED:	08/09/2017	

Total Attachments: 2

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> **PATENT** REEL: 043249 FRAME: 0371 504496832

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Docket No. 1002,2500001

Jeremiah J. Willcock

Disclosure No. 2016-0512.00/US

Filed: Concurrently herewith

For: DATA SHIFT APPARATUSES AND METHODS

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 "DATA SHIFT APPARATUSES AND METHODS"; 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 and an all United States and foreign patents granted on such improvements to the Assignee;

PATENT REEL: 043249 FRAME: 0372 ASSIGNMENT

Attorney Docket No.: 1002.2500001 [2016-0512.00/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.

Seremiah J. Willcock	Date: 11-21~20/6
STATE OF CALIFORNIA	
COUNTY OF <u>Spans</u> Class	
On <u>Noxembra 21,2016</u> before me	. Surana A MARA (insert name and title of the officer)
personally appeared, Company who proved to me on the basis of satisfactory evider subscribed to the within instrument and acknowledge in his/her/their authorized capacity(ies), and that by the person(s), or the entity upon behalf of which the	nce to be the person(s) whose name(s) is/are ged to me that he/she/they executed the same his/her/their signature(s) on the instrument

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

Notary or Consular Officer

My Commission Expires May 1

WITNESS my hand and official seal

[SEAL]

RECORDED: 08/09/2017

SUZANNE A. MCHUGH COMM. #2145433 Votary Public - California Santa Clara County ly Comm. Expines Mar. 26, 2020

PATENT

Page 2 of 2

REEL: 043249 FRAME: 0373