505670001 09/12/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHRISTOPHER J. KAWAMURA	08/07/2017
SCOTT J. DERNER	08/07/2017

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:	16569588

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	P259788.US.04
NAME OF SUBMITTER:	ALEXANDRA LOUISE YAEGER
SIGNATURE:	/Alexandra L. Yaeger/
DATE SIGNED:	09/12/2019

Total Attachments: 3

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PATENT 505670001 REEL: 050363 FRAME: 0569

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	D. J. Walls Dogogoo Mg no
Christopher J. Kawamura and Scott J. Derner	Docket No. P259788.US.02 Disclosure No. 2015-0702.00/US
Filed: concurrently herewith	
For : APPARATUSES AND METHODS INCLUDING FERROELECTRIC MEMORY AND FOR ACCESSING FERROELECTRIC MEMORY	

ASSIGNMENT:

<u>X</u>	Enclosed for recording
	Previously recorded
Date:	1777) V
Reel:	(84.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1

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 "APPARATUSES AND METHODS INCLUDING FERROELECTRIC MEMORY AND FOR ACCESSING FERROELECTRIC MEMORY", which application claims priority to a provisional application entitled "APPARATUSES AND METHODS INCLUDING FERROELECTRIC MEMORY AND FOR ACCESSING FERROELECTRIC MEMORY" filed on August 31, 2016 and assigned Application No. 62/381,900; such application and all nonprovisional, 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 to claim priority based on such application filed in the United States of America:

Page 1 of 3

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 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.

Ch I h	Date:	8/7/17
Christophor J. Kawamura	فينينون	
STATE OF IDAHO)		
County of Ada) ss.		

BEFORE ME, this day of August. 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 executed the same of his own free will for the purpose therein expressed.

Notary or Consular Officer

My-Gommission Expires 12-20/18

Scott J. Demer	Date:	8/7/17
Scott J. Derner		,
STATE OF IDAHO)		
County of Ada) ss.		
marviadai, to me known to be at	e beigon who is describe	personally appeared the above-named of in and who executed the foregoing secuted the same of his own free will
for the purpose therein expressed.	~	decuted the same of his own free will
	Notary or Consular O My Commission Expi	Thicer res 1+2/20/18