505234898 12/13/2018 PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:			NEW ASSIGNMENT			
NATURE OF CONVEYANCE:			ASSIGNMENT			
CONVEYING PARTY	' DATA					
			Name		Execution Date	
PERRY V. LEA					02/20/2017	
RECEIVING PARTY	DATA					
Name:	MICRO	MICRON TECHNOLOGY, INC.				
Street Address:	8000 S	8000 S. FEDERAL WAY				
City:	BOISE	BOISE				
State/Country:	IDAHC	IDAHO				
Postal Code:	83716-	83716-9632				
Application Number:		16218876				
CORRESPONDENCI Fax Number: Correspondence wil		• /	659-9344 e-mail address first; if that is un:	successfi	ul. it will be sent	
using a fax number,		d; if th	hat is unsuccessful, it will be ser			
			659-9340 ar@bipl.net			
			OKS, CAMERON & HUEBSCH, PLLC			
•			MARQUETTE AVENUE SOUTH, SUITE 400			
Address Line 4:		MINN	IEAPOLIS, MINNESOTA 55403			
ATTORNEY DOCKET NUMBER:			1002.2620004[16-039001US]			
	NAME OF SUBMITTER:		KEVIN G. WADDICK			
NAME OF SUBMITTE	R:			/Kevin G. Waddick/		
	n:		/Kevin G. Waddick/			
NAME OF SUBMITTE SIGNATURE: DATE SIGNED:	n:		/Kevin G. Waddick/ 12/13/2018			
SIGNATURE: DATE SIGNED: Total Attachments: 2						
SIGNATURE: DATE SIGNED:	ge1.tif					

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Perry V. Lea

Docket No. 1002.2620001

Disclosure No. 2016-0390.00/US

Filed: Concurrently Herewith

For: APPARATUSES AND METHODS FOR IN-MEMORY OPERATIONS

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 "APPARATUSES AND METHODS FOR IN-MEMORY OPERATIONS"; 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: 047765 FRAME: 0931

ASSIGNMENT Attorney Docket No.: 1002.2620001 [2016-0390.00/US1 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 20 day of February, 2017.

_____ Date: 2/20/2017

Perry V. Lea

STATE OF COUNTY OF AL

BEFORE ME, this 20th day of Feloruary, 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.

[SEAL]

Notary or Consular Officer My Commission Expires <u>1-10-202</u>



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