503307345 05/14/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3353963

SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT		
CONVEYING PARTY	DATA				
		Name		Execution Date	
SCOTT E. SILLS				04/28/2015	
D.V. NIRMAL RAMAS	WAMY			05/14/2015	
RECEIVING PARTY [ΟΑΤΑ				
Name:	MICRC	MICRON TECHNOLOGY, INC.			
Street Address:	8000 S	8000 SOUTH FEDERAL WAY			
Internal Address:	MAILS	MAILSTOP 525			
City:	BOISE	BOISE			
State/Country:	IDAHO	IDAHO			
Postal Code:	83707-	83707-0006			
Application Number:147		14712241			
Application Number: 147		14712241			
CORRESPONDENCE	DATA				
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Phone:	-	l; if that is unsuccessful, it v 801-532-1922	nii de sent via	US Mall.	
		djpfeil@traskbritt.com			
Correspondent Name: TRAS		7	SK BRITT, P.C./ MICRON TECHNOLOGY		
		P.O. BOX 2550			
Address Line 1:					
Address Line 1: Address Line 4:		SALT LAKE CITY, UTAH 841	10		
Address Line 4:		SALT LAKE CITY, UTAH 841 2269-12753(2014-0463			
Address Line 4: ATTORNEY DOCKET	NUMBER:		.00)		
Address Line 4: ATTORNEY DOCKET NAME OF SUBMITTER	NUMBER:	2269-12753(2014-0463	.00)		
	NUMBER:	2269-12753(2014-0463 JOSEPH A. WALKOWS	.00)		
Address Line 4: ATTORNEY DOCKET NAME OF SUBMITTER SIGNATURE:	NUMBER:	2269-12753(2014-0463 JOSEPH A. WALKOWS /Joseph A. Walkowski/	.00)		
Address Line 4: ATTORNEY DOCKET NAME OF SUBMITTER SIGNATURE: DATE SIGNED: Total Attachments: 3 source=May-14-2015-A	NUMBER: R:	2269-12753(2014-0463 JOSEPH A. WALKOWS /Joseph A. Walkowski/ 05/14/2015 12753US#page1.tif	.00)		
Address Line 4: ATTORNEY DOCKET NAME OF SUBMITTER SIGNATURE: DATE SIGNED: Fotal Attachments: 3	NUMBER: R: ssignment	2269-12753(2014-0463 JOSEPH A. WALKOWS /Joseph A. Walkowski/ 05/14/2015 12753US#page1.tif 12753US#page2.tif	.00)		

Attorney Docket No. 2269-P12753US (2014-0463.00/US)

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, each undersigned ASSIGNOR does hereby:

SELL, ASSIGN AND TRANSFER to Micron Technology, Inc. ("ASSIGNEE"), a corporation of the state of Delaware having a place of business at 8000 South Federal Way, Mailstop 525, Boise, ID 83707-0006, 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 each undersigned ASSIGNOR concurrently herewith entitled MEMORY STRUCTURES AND RELATED CROSS-POINT MEMORY ARRAYS, ELECTRONIC SYSTEMS, AND METHODS OF FORMING MEMORY STRUCTURES, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent or the legal equivalent thereof that have been or may be filed in the United States and all foreign countries relating to any of such improvements; all original, reexamined and reissued patents that 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 made in the United States;

AUTHORIZE the ASSIGNEE to apply for and receive any and all United States and foreign patents relating to such improvements in its own name;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to and in the name of the ASSIGNEE;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement or encumbrance affecting the rights and property herein conveyed has been or will be made or entered into by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the ASSIGNEE, to carry out in good faith the intent and purpose of this Assignment, to execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications relating to any and all such improvements; to execute all rightful oaths, declarations, assignments, powers of attorney and other papers; to communicate to the ASSIGNEE all facts and provide to the ASSIGNEE all documents and things known and accessible to the undersigned relating to such improvements and the history thereof, and testify as to the same in any interference, litigation or other proceeding relating thereto; and generally to do everything possible that the ASSIGNEE shall

PATENT REEL: 035641 FRAME: 0356 consider desirable for vesting title to such improvements in the ASSIGNEE, and to secure, maintain, defend and enforce valid and enforceable patent protection for such improvements;

AGREE AND ACKNOWLEDGE that the SALE, ASSIGNMENT AND TRANSFER of rights and property set forth herein is and shall be IRREVOCABLE and BINDING upon the heirs, assigns, representatives and successors of each undersigned ASSIGNOR and EXTEND to the successors, assigns and nominees of the ASSIGNEE.

ASSIGNOR:

Date:

Scott E. Sills Residing at: 1316 South Gourley Street, Boise, ID 83705

COUNTY OF) STATE OF) On this 28^{++} day of 49^{++} , 2015, before me personally appeared SCOTT E. SILLS, to me known to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he/she executed the same.

name V. Ran

Notary Public in and for said County and State

My Commission Expires: 6 - 30 - 17



PATENT REEL: 035641 FRAME: 0357 **ASSIGNOR:**

D'V-Nm

D.V. Nirmal Ramaswamy Residing at: 2243 Screne Drive, Boise, ID 83706 [861 S Marst Stur PL 83716

Date: May 14th 214

STATE OF *Idaho*; ss. STATE OF *Idaho*; On this day of <u>May</u>, 2015, before me personally appeared D.V. NIRMAL RAMASWAMY, to me known to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he/she executed the same.

)

rare T. Kars.

Notary Public in and for said County and State

My Commission Expires:

COUNTY OF Ada

6-30-17



RECORDED: 05/14/2015