# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

nic Version v1.1 EPAS ID: PAT5687237

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
QIAN TAO	09/12/2013
MATTHEW N. ROCKLEIN	09/13/2013
BETH R. COOK	09/12/2013
D. V. NIRMAL RAMASWAMY	09/12/2013

### **RECEIVING PARTY DATA**

Name:	MICRON TECHNOLOGY, INC.
Street Address:	8000 SOUTH FEDERAL WAY
Internal Address:	MAILSTOP 1-507
City:	BOISE
State/Country:	IDAHO
Postal Code:	83707-0006

# **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16550983

### **CORRESPONDENCE DATA**

**Fax Number:** (801)531-9168

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:** 801-532-1922

**Email:** djpfeil@traskbritt.com

Correspondent Name: TRASK BRITT, P.C./ MICRON TECHNOLOGY

Address Line 1: P.O. BOX 2550

Address Line 4: SALT LAKE CITY, UTAH 84110

ATTORNEY DOCKET NUMBER:	2269-11922.4(2013-0175.04	
NAME OF SUBMITTER:	KATHERINE A. HAMER	
SIGNATURE:	/Katherine A. Hamer/	
DATE SIGNED:	08/26/2019	

**Total Attachments: 5** 

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PATENT REEL: 050173 FRAME: 0396

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> PATENT REEL: 050173 FRAME: 0397

## Attorney Docket No. 2269-P11922US (2013-0175.00/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 METHODS OF FORMING A FERROELECTRIC MEMORY CELL AND RELATED SEMICONDUCTOR DEVICE STRUCTURES, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent or the legal equivalent thereof which 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 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 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 which the ASSIGNEE shall 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;

PATENT REEL: 050173 FRAME: 0398 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.

ASSIGNORS:
Date Sep 12: 2013
Qian Tao Residing at: 5026 East Mill Station Drive, Boise, ID 83716
*
COUNTY OF Ada )
COUNTY OF Ada ) : ss. STATE OF Tako )
On this 13th day of September, 2013, before me personally appeared Qian Tao 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.
Notary Public in and for said County and State
My Commission Expires:
A DELICE OF THE PROPERTY OF TH

under Doll	Date 9-13-2013
Matthew N. Rocklein	Date
Residing at: 5543 East Bay Trail Court, B	oise, ID 83716
COUNTY OF Ada )	
county of Ada ) state of Idaho )	
On this 13th day of Septems	whose name is subscribed to the foregoing instrument, uted the same.
	164fine
	Notary Public in and for said County and State
My Commission Expires:	
11-5-2017	F. PAUL

Beth R. Cook Residing at: 935 Crest Wood Drive, Meridian, ID 83642	Date 9-12-2013
COUNTY OF Ado	
COUNTY OF Aela )  STATE OF Telaho )	
On this 12th day of September, 2013, before to me known to be the person whose name is subscreacknowledged to me that he/she executed the same.	e me personally appeared Beth R. Cook ibed to the foregoing instrument, and
JE	I P
Notary Publi	c in and for said County and State
My Commission Expires:	

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D. V. Nirmal Ramaswamy	

Residing at: 2243 Serene Drive, Boise, ID 83706

Date Sept 2013

COUNTY OF Ada ) :ss. STATE OF Idaho)

On this 12th day of September 2013, 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.

Notary Public in and for said County and State

My Commission Expires:



