### 502553856 10/31/2013

#### PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2599479

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### CONVEYING PARTY DATA

Name	Execution Date
JOHN A SMYTHE III	01/19/2010
GURTEJ S. SANDHU	01/19/2010

### RECEIVING PARTY DATA

Name:	MICRON TECHNOLOGY, INC.	
Street Address:	8000 S. FEDERAL WAY	
City:	BOISE	
State/Country:	IDAHO	
Postal Code:	83716-9632	

#### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14069043

# CORRESPONDENCE DATA

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Correspondent Name: BROOKS, CAMERON & HUEBSCH, PLLC

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ATTORNEY DOCKET NUMBER:	1001.0190009[09-025502US]	
NAME OF SUBMITTER:	DANIEL A. DETTLAFF	
Signature:	/Daniel A. Dettlaff/	
Date:	10/31/2013	

# Total Attachments: 3

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> PATENT REEL: 031524 FRAME: 0362

OF \$40.00 140690

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:	Docket No. 1001.0190001
John Smythe, et al.	Disclosure No. 2009-0255
Concurrently herewith	
GCIB-TREATED RESISTIVE DEVICE	E
ASSIGN	MENT
Enclosed for recording Previously, recorded	
	John Smythe, et al.  Concurrently herewith  GCIB-TREATED RESISTIVE DEVICE  ASSIGNEE Enclosed for recording

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 "GCIB-TREATED RESISTIVE DEVICE"; 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;

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Rev. 01/10

#### ASSIGNMENT

Attorney Docket No. 1001.0190001[2009-0255.00/US]

Filed 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.

STATE OF Idaho

) ss

COUNTY OF Ada

BEFORE ME, this day of Anuary, 2010 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.

Notary or Consular Officer

My Commission Expires \_

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Rev. 01/10

ASSIGNMENT Attorney Docket No. 1001.0190001[2009-0255.00/L Filed Concurrently Herewith	JS]
Gurtej S. Sandhu	Date:// 9//O
Ouriej 5. Sandnu	
STATE OF <u>Idaho</u> ) ss.	
COUNTY OF Ada	
BEFORE ME, this day of Anuc	2010 personally appeared the above-named
	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.	Dian V. Rangel
[SEAL]	Notary or Consular Officer
	My Commission Expires 6/27/11
N. RA	` 1