

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3364673

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
D.V. NIRMAL RAMASWAMY	05/13/2013
GURTEJ S. SANDHU	05/16/2013
LEI BI	06/13/2013
ADAM D. JOHNSON	04/19/2013
BRENT KEETH	04/17/2013
ALESSANDRO CALDERONI	05/14/2013
SCOTT E. SILLS	05/14/2013
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	MICRON TECHNOLOGY, INC.
<b>Street Address:</b>	8000 SOUTH FEDERAL WAY
<b>City:</b>	BOISE
<b>State/Country:</b>	IDAHO
<b>Postal Code:</b>	83716-9632
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14719053
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(612)659-9344
<i>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.</i>	
<b>Phone:</b>	612-659-9340
<b>Email:</b>	sherar@bipl.net
<b>Correspondent Name:</b>	BROOKS, CAMERON & HUEBSCH , PLLC
<b>Address Line 1:</b>	1201 MARQUETTE AVENUE SOUTH, SUITE 400
<b>Address Line 4:</b>	MINNEAPOLIS, MINNESOTA 55403
<b>ATTORNEY DOCKET NUMBER:</b>	1002.1340002[12-031701US]
<b>NAME OF SUBMITTER:</b>	BJORN A. JOHNSON
<b>SIGNATURE:</b>	/Bjorn A. Johnson/
<b>DATE SIGNED:</b>	05/21/2015

**Total Attachments: 6**

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**PATENT**

**REEL: 035693 FRAME: 0826**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Docket No. 1002.1340001

D.V. Nirmal Ramaswamy, et al.

Disclosure No. 2012-0317.00/US

Filed: Concurrently Herewith

For : RESISTIVE MEMORY SENSING

ASSIGNMENT

\_\_\_\_ Enclosed for recording

\_\_\_\_ Previously, recorded

Date: \_\_\_\_\_

Reel: \_\_\_\_\_

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 "RESISTIVE MEMORY SENSING"; 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;

WARRANT AND COVENANT 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.

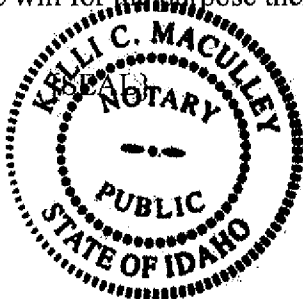
IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_ day of \_\_\_\_\_, 2013.

D.V. Nirmal Ramaswamy  
D.V. Nirmal Ramaswamy

Date: 16<sup>th</sup> May 2013

STATE OF Idaho  
COUNTY OF Ada } ss.

BEFORE ME, this 14 day of May, 2013 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.



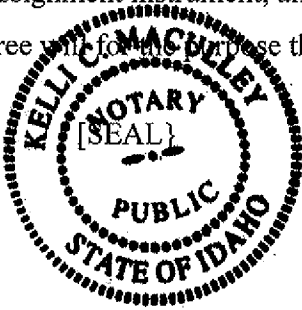
Kelli C. Maculley  
Notary or Consular Officer  
My Commission Expires 2/26/2018

Gurtej S. Sandhu  
Gurtej S. Sandhu

Date: May 16, 2013

STATE OF Idaho  
COUNTY OF Ada ) ss.

BEFORE ME, this 16 day of May, 2013 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.

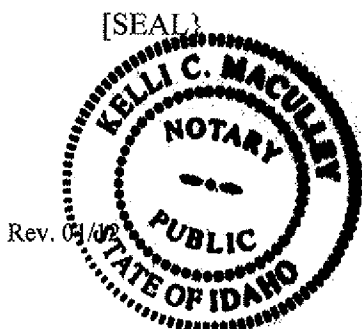


Kelli Maculley  
Notary or Consular Officer  
My Commission Expires 2/28/2018

\_\_\_\_\_  
Lei Bi Date: \_\_\_\_\_

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ ) ss.

BEFORE ME, this \_\_\_\_\_ day of \_\_\_\_\_, 2013 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 \_\_\_\_\_

\_\_\_\_\_  
Gurtej S. Sandhu Date: \_\_\_\_\_

STATE OF \_\_\_\_\_ )  
\_\_\_\_\_) ss.  
COUNTY OF \_\_\_\_\_ )

BEFORE ME, this \_\_\_\_\_ day of \_\_\_\_\_, 2013 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 \_\_\_\_\_

Lei Bi  
Lei Bi

Date: 2013.06.13.

WITNESS:

Xin Wang  
Printed Name

Om Wang  
Signature

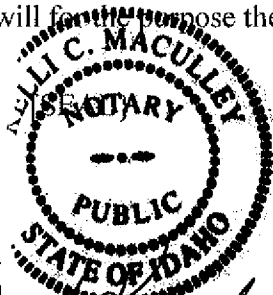
2013.06.13.  
(Date)

Adam D. Johnson  
Adam D. Johnson

Date: 4/19/2013

STATE OF Idaho  
COUNTY OF Ada ) ss.

BEFORE ME, this 19 day of April, 2013 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.



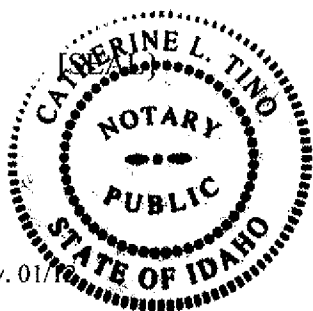
Kelli Maculley  
Notary or Consular Officer  
My Commission Expires 2/26/2018

Brent Keeth  
Brent Keeth

Date: 4-17-2013

STATE OF Idaho  
COUNTY OF Ada ) ss.

BEFORE ME, this 17<sup>th</sup> day of April, 2013 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.



Catherine L. Tino  
Notary or Consular Officer  
My Commission Expires Dec 20 - 2018

Rev. 01/10

Alessandro Calderoni  
Alessandro Calderoni

Date: 05/14/13

STATE OF Idaho  
COUNTY OF Ada ) ss.

BEFORE ME, this 14 day of May, 2013 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.



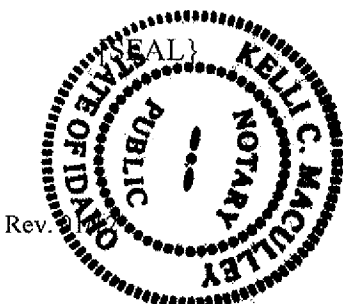
Kelli C. Maculley  
Notary or Consular Officer  
My Commission Expires 2/28/2018

Scott E. Sills  
Scott E. Sills,

Date: 5/14/2013

STATE OF Idaho  
COUNTY OF Ada ) ss.

BEFORE ME, this 14 day of May, 2013 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.



Kelli C. Maculley  
Notary or Consular Officer  
My Commission Expires 2/28/2018