

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Ugo Russo</td> <td>08/02/2012</td> </tr> <tr> <td>Andrea Redaelli</td> <td>08/02/2012</td> </tr> <tr> <td>Fabio Pellizzer</td> <td>08/02/2012</td> </tr> </tbody> </table>		Name	Execution Date	Ugo Russo	08/02/2012	Andrea Redaelli	08/02/2012	Fabio Pellizzer	08/02/2012
Name	Execution Date								
Ugo Russo	08/02/2012								
Andrea Redaelli	08/02/2012								
Fabio Pellizzer	08/02/2012								
RECEIVING PARTY DATA									
Name:	Micron Technology, Inc.								
Street Address:	8000 South Federal Way								
City:	Boise								
State/Country:	IDAHO								
Postal Code:	83716-9632								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13570772</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13570772				
Property Type	Number								
Application Number:	13570772								
CORRESPONDENCE DATA									
Fax Number:	6126599344								
Phone:	612-659-9340								
Email:	mcloud@bipl.net								
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>									
Correspondent Name:	BROOKS, CAMERON & HUEBSCH , PLLC								
Address Line 1:	1221 NICOLLET AVENUE, SUITE 500								
Address Line 4:	MINNEAPOLIS, MINNESOTA 55403								
ATTORNEY DOCKET NUMBER:	1001.0700001[12-021800US]								
NAME OF SUBMITTER:	Robert J. Hagen								
Total Attachments: 3 source=00208778#page1.tif source=00208778#page2.tif source=00208778#page3.tif									

OP \$40.00 13570772

ASSIGNMENT

WHEREAS, WE, Ugo Russo, residing at Via Ardigo, 1, Monza, MB 20900, ITALY, Andrea Redaelli, residing at Via San Giovanni Bosco 2, Casatenovo, LC 23880, ITALY, Fabio Pellizzer, residing at Via Carotta, 6, Cornate d'Adda, MB, 20872, ITALY, made certain new and useful inventions and improvements for which an application for Letters Patent of the United States on or even date herewith, which is entitled: MEMORY CELLS HAVING A PLURALITY OF RESISTANCE VARIABLE MATERIALS

AND WHEREAS, Micron Technology, Inc., a corporation organized and existing under and by virtue of the laws of the State of Idaho, and having an office and place of business at 8000 South Federal Way, Boise, Idaho 83716-9632, (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements, and application and in and to the Letters Patent to be obtained therefore;

NOW THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, I have sold, assigned, and transferred, and by these presents do sell, assign, and transfer unto said Assignee, its successors or assigns, the right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment for all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and I do hereby authorize and request the Commissioner of Patent and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

AND, for the consideration aforesaid, I do hereby agree that I and my executors and legal representatives will make, execute, and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable to more effectually secure and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned, and conveyed, or intended so to be.

AND, furthermore we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 2nd day of 08/2012,
2012.

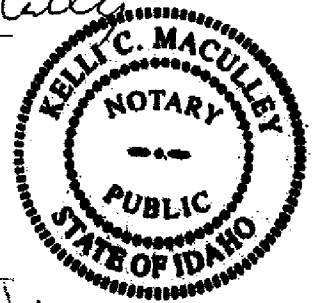
Ugo Russo
Ugo Russo

WITNESS:

Kelli Maculley
Printed Name

Kelli C. Maculley
Signature

8/2/12
(Date)



IN TESTIMONY WHEREOF, I have hereunto set my hand this 2nd day of August,
2012.

Andrea Redaelli
Andrea Redaelli

WITNESS:

PIROVANO ROSSINI
Printed Name

[Signature]
Signature

02/02/12
(Date)

Attorney Docket No.: 1001.0700001 [2012-0218.00/US]
Page 3 of 3
Serial No.: Unknown
Filing Date: Concurrently Herewith

IN TESTIMONY WHEREOF, I have hereunto set my hand this 2nd day of August,
2012.

Fabio Pellizzer
Fabio Pellizzer

WITNESS:

INNOCENZA TORTORELLI
Printed Name

Innocenza Tortorelli
Signature

02/08/2012
(Date)

Rev. 01/12