

## PATENT ASSIGNMENT

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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>Alessandro Calderoni</td> <td>10/01/2012</td> </tr> <tr> <td>Massimo Ferro</td> <td>10/01/2012</td> </tr> <tr> <td>Paolo Fantini</td> <td>10/01/2012</td> </tr> </tbody> </table>		Name	Execution Date	Alessandro Calderoni	10/01/2012	Massimo Ferro	10/01/2012	Paolo Fantini	10/01/2012		
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<table border="1"> <tr> <td>Name:</td> <td>Micron Technology, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>8000 South Federal Way</td> </tr> <tr> <td>City:</td> <td>Boise</td> </tr> <tr> <td>State/Country:</td> <td>IDAHO</td> </tr> <tr> <td>Postal Code:</td> <td>83716-9632</td> </tr> </table>		Name:	Micron Technology, Inc.	Street Address:	8000 South Federal Way	City:	Boise	State/Country:	IDAHO	Postal Code:	83716-9632
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CORRESPONDENCE DATA											
<p>Fax Number: 6126599344  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 612-659-9340        Email: mccloud@bipl.net        Correspondent Name: BROOKS, CAMERON &amp; HUEBSCH , PLLC        Address Line 1: 1221 NICOLLET AVENUE, SUITE 500        Address Line 4: MINNEAPOLIS, MINNESOTA 55403</p>											
ATTORNEY DOCKET NUMBER:	1002.1320001[12-028900US]										
NAME OF SUBMITTER:	Mary Katherine Thueringer										
<p>Total Attachments: 3        source=00216354#page1.tif        source=00216354#page2.tif        source=00216354#page3.tif</p>											

OP \$40.00 13647527

## ASSIGNMENT

WHEREAS, WE, Alessandro Calderoni, residing at Via Casoretto 36, Milano, MI, 20131, ITALY Massimo Ferro, residing at Via Trieste 11, Camisano, CR 26010, ITALY, Paolo Fantini, residing at Via Pellizzari 32, Vimercate, MB, 20871, 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: DRIFT ACCELERATION IN RESISTANCE VARIABLE MEMORY

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, ID 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 1<sup>st</sup> day of October, 2012.

Alessandro Calderoni  
Alessandro Calderoni

WITNESS:

ANDREA MARMIROLI  
Printed Name

[Signature]  
Signature

1 Oct. 2012  
(Date)

IN TESTIMONY WHEREOF, I have hereunto set my hand this 1<sup>st</sup> day of October, 2012.

Massimo Ferro  
Massimo Ferro

WITNESS:

ANDREA MARMIROLI  
Printed Name

[Signature]  
Signature

1 Oct. 2012  
(Date)

IN TESTIMONY WHEREOF, I have hereunto set my hand this 1<sup>st</sup> day of October  
2012.

Paolo Fantini  
Paolo Fantini

WITNESS:

ANDREA MARINONI  
Printed Name

[Signature]  
Signature

1/10/2012  
(Date)  
1 Oct. 2012

Rev. 01/12