

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>Politecnico di Milano</td> <td>03/19/2012</td> </tr> </tbody> </table>		Name	Execution Date	Politecnico di Milano	03/19/2012								
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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>Internal Address:</td> <td>MS 525</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</td> </tr> </table>		Name:	Micron Technology, Inc.	Street Address:	8000 South Federal Way	Internal Address:	MS 525	City:	Boise	State/Country:	IDAHO	Postal Code:	83716
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CORRESPONDENCE DATA													
Fax Number:	(612)312-2250												
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ATTORNEY DOCKET NUMBER:	400.753US01												
NAME OF SUBMITTER:	Kenneth W. Bolvin												
<p>Total Attachments: 3 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif</p>													

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WHEREAS, **Politecnico di Milano**, a university organized and existing under and by virtue of the laws of the Country of Italy, and having an office and place of business at Milano Piazza Leonardo da Vinci, 32, Milan, Italy, 20133 (hereinafter referred to as "**POLITECNICO**") represented by Prof. Ferruccio Resta, authorized to undersign the present agreement for **POLITECNICO** according to Rectorial Decree n. 37170/AG dated 29/12/2010, and Rectorial Decree n. 18691/AG dated 29/06/2011, and **Micron Technology, Inc.**, a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having an office and place of business at 8000 South Federal Way, MS 525, Boise, Idaho, USA, 83716, (hereinafter referred to as "**MICRON**"), represented by Roderic W. Lewis, authorized to undersign the present agreement for **MICRON**, are the owners of equal shares of the entire right title and interest, legal and equitable, in and to U.S. Patent Application Serial No. 13/204,014, filed on 05 August 2011, and which is titled *METHODS TO OPERATE A MEMORY CELL*, and U.S. Patent Application Serial No. 13/204,029, filed on 05 August 2011, and which is titled *METHODS FOR PROGRAM VERIFYING A MEMORY CELL AND MEMORY DEVICES CONFIGURED TO PERFORM THE SAME* (the "**APPLICATIONS**");

AND WHEREAS, **MICRON** is desirous of acquiring the entire right, title and interest in the aforesaid **APPLICATIONS**;

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, **POLITECNICO** has sold, assigned, and transferred, and by these presents does sell, assign and transfer unto **MICRON**, its successors or assigns, its share of the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid **APPLICATIONS**, and in and to the said **APPLICATIONS**, 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 disclosed in the aforesaid **APPLICATIONS**, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and **POLITECNICO** does hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements disclosed in the aforesaid **APPLICATIONS** to **MICRON** as the assignee of the


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entire right, title and interest in and to the same, for the use of **MICRON**, its successors and assigns.

AND, for the consideration aforesaid, **POLITECNICO** does hereby agree that **POLITECNICO** and its respective 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 **MICRON**, its successors and representatives all facts known to **POLITECNICO** 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 more effectually to secure to and vest in **MICRON**, 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 **POLITECNICO** covenants and agrees with **MICRON**, 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 **POLITECNICO** and that full and sole right to convey the same as herein expressed is possessed by **POLITECNICO**. It is understood that the right of the previous sentence is supplied "as such" and without guarantee of marketability or guarantee of success for attaining a given purpose or any other guarantee, whether explicit or implicit. **POLITECNICO** does not guarantee that the scope of protection of the invention, and of its use, is independent from other patents or Intellectual Property rights, it being understood that as of today it has no knowledge of the existence of like situations. Nothing herein shall be construed as subjecting **POLITECNICO** to any liability for accidents or damages resulting from the exercise of ownership acquired with said agreement or from use of the invention. In this agreement no condition can be interpreted as follows:

- 1) **POLITECNICO** is guarantee of the validity of the **APPLICATIONS**;
- 2) An obligation to supply know-how not contained in the **APPLICATIONS**;
- 3) An obligation to update the technology;
- 4) A grant of any right to use any name, brand or other name of **POLITECNICO** (including abbreviations) for advertising purposes or for any other promotional activity;
- 5) A grant of any right to use of the name **POLITECNICO** or of the name of any Department of **POLITECNICO** other than in scientific contexts and in technical documentation.



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Without prejudice for the foregoing, **POLITECNICO** however undertakes to promptly supply any necessary supplements to the technical documentation regarding the **APPLICATIONS** upon the request of **MICRON**.

Milan, 19th day of March, 2012



Prof. Ferruccio Resta

for **Politecnico di Milano (POLITECNICO)**

its Deputy Rector for research exploitation and technology transfer

Boise, 24th day of April, 2012



Mr. Roderic W. Lewis

for **Micron Technology, Inc. (MICRON)**

its Vice President of Legal Affairs, General Counsel, and Corporate Secretary

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