

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT5621661

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|---|---------------------------------|
| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT                  |
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT                      |
| <b>CONVEYING PARTY DATA</b>   |                                 |
| <b>Name</b>   | <b>Execution Date</b>           |
| FABIO PELLIZZER   | 04/06/2017                      |
| INNOCENZO TORTORELLI  | 04/07/2017                      |
| AGOSTINO PIROVANO   | 04/07/2017                      |
| ANDREA REDAELLI   | 04/06/2017                      |
| <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>  | 16513797                        |
| <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>   | OLSON@bipl.net                  |
| <b>Correspondent Name:</b>  | BROOKS, CAMERON & HUEBSCH, PLLC |
| <b>Address Line 1:</b>  | 1201 MARQUETTE AVENUE SOUTH     |
| <b>Address Line 2:</b>  | SUITE 400                       |
| <b>Address Line 4:</b>  | MINNEAPOLIS, MINNESOTA 55403    |
| <b>ATTORNEY DOCKET NUMBER:</b>  | 1003.0180005[16-070102US]       |
| <b>NAME OF SUBMITTER:</b>   | MARK R. BERGER                  |
| <b>SIGNATURE:</b>   | /Mark R. Berger/                |
| <b>DATE SIGNED:</b>   | 07/17/2019                      |
| <b>Total Attachments: 8</b>   |                                 |
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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In re Application of:  
Fabio Pellizzer, et al.**

**Docket No. 1003.0180001**

**Disclosure No. 2016-0701.00/US**

**Filed: Concurrently Herewith**

**For: THREE DIMENSIONAL MEMORY ARRAY**

**ASSIGNMENT**

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 "THREE DIMENSIONAL MEMORY ARRAY"; 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 any and 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 6 day of APRIL, 2017.

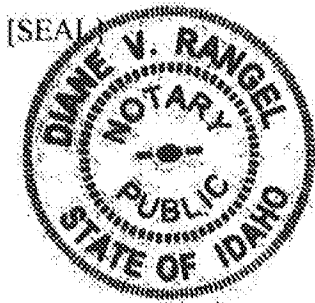
Fabio Pellizzer  
Fabio Pellizzer

Date: 4/6/2017

STATE OF Idaho )  
COUNTY OF Ada ) ss.

BEFORE ME, this 6<sup>th</sup> day of April, 2017 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.

Diane V. Rangel  
Notary or Consular Officer  
My Commission Expires 6-30-17



## ASSIGNMENT

WHEREAS, I, Innocenzo Tortorelli, residing at Via Verdi 2A Cernusco sul Naviglio, MI, 20063, 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: **THREE DIMENSIONAL MEMORY ARRAY**

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 07 day of APRIL, 2017.

Innocenzo Tortorelli  
Innocenzo Tortorelli

**WITNESS 1:**

LUCA CRESPI  
Printed Name

[Signature]  
Signature

07/06/2017  
(Date)

**WITNESS 2:**

MAURIZIO RIZZI  
Printed Name

[Signature]  
Signature

07/06/2017  
(Date)

## ASSIGNMENT

WHEREAS, I, Agostino Pirovano, residing at Via Pompeo Marchesi, 57, Milano, MI, 20153, 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: **THREE DIMENSIONAL MEMORY ARRAY**

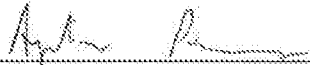
AND WHEREAS, Micron Technology, Inc., a corporation organized and existing under and by virtue of the laws of the State of Idaho, and having an office and place of business at 8000 South Federal Way Boise, Idaho 83716-9632, (hereinafter "Assignee") is desirous of acquiring the entire right, title and 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 1<sup>st</sup> day of APRIL, 2017.

  
\_\_\_\_\_  
Agostino Pirovano

**WITNESS 1:**

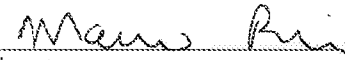
LUCA CRESCI  
\_\_\_\_\_  
Printed Name

  
\_\_\_\_\_  
Signature

07/04/2017  
\_\_\_\_\_  
(Date)

**WITNESS 2:**

MAURIZIO RIZZI  
\_\_\_\_\_  
Printed Name

  
\_\_\_\_\_  
Signature

07/04/2017  
\_\_\_\_\_  
(Date)



## ASSIGNMENT

WHEREAS, I, Andrea Redaelli, residing at Via San Giovanni Bosco 2, Casatenovo, LC, 23880, 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: **THREE DIMENSIONAL MEMORY ARRAY**

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 \_\_\_ day of \_\_\_\_\_,  
2017.

  
\_\_\_\_\_  
Andrea Redaelli

WITNESS 1:


FABIO PELLITTER  
\_\_\_\_\_  
Printed Name

  
\_\_\_\_\_  
Signature

4/6/2017  
\_\_\_\_\_  
(Date)

WITNESS 2:

NICOLA CIOCCINI  
\_\_\_\_\_  
Printed Name

  
\_\_\_\_\_  
Signature

4/6/2017  
\_\_\_\_\_  
(Date)