504825916 03/19/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DIONISIO MINOPOLI	03/19/2018
GIANFRANCO FERRANTE	03/19/2018
ANTONINO CAPRÍ	03/19/2018
EMANUELE CONFALONIERI	03/19/2018
DANIELE BALLUCHI	03/19/2018

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

Property Type	Number
Application Number:	15924917

CORRESPONDENCE DATA

Fax Number: (612)659-9344

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.

Phone: 612-659-9340 Email: sherar@bipl.net

Correspondent Name: BROOKS, CAMERON & HUEBSCH, PLLC

Address Line 1: 1201 MARQUETTE AVENUE SOUTH, SUITE 400

Address Line 4: MINNEAPOLIS, MINNESOTA 55403

ATTORNEY DOCKET NUMBER:	1003.0480001[17-007900US]
NAME OF SUBMITTER:	MARK R. BERGER
SIGNATURE:	/Mark R. Berger/
DATE SIGNED:	03/19/2018

Total Attachments: 6 source=00616663#page1.tif

PATENT 504825916 REEL: 045275 FRAME: 0681



PATENT REEL: 045275 FRAME: 0682

ASSIGNMENT

WHEREAS, We, <u>Dionisio Minopoli</u>, residing at <u>Via Alfredo Pecchia 153 Parco Elena - Scala B</u>, Arzano, NA, 80022, ITALY, <u>Gianfranco Ferrante</u>, residing at <u>Via San Martino 127/C</u>, <u>San Giorgio A Cremano, NA, 80046</u>, ITALY, <u>Antonino Caprí</u>, residing at <u>Via Bonomini 13</u>, <u>Bergamo, BG, 24128</u>, ITALY, <u>Emanuele Confalonieri</u>, residing at <u>Via C. na Baraggia 1</u>, <u>Lesmo, MB, 20855</u>, ITALY, and <u>Daniele Balluchi</u>, residing at <u>Via Gorizia 14B</u>, <u>Cernusco Sul Naviglio, MI, 20063</u>, ITALY made certain new and useful inventions and improvements for which we executed an application for Letters Patent of the United States on or even date herewith, which is entitled: INTERFACE FOR MEMORY HAVING A CACHE AND MULTIPLE INDEPENDENT ARRAYS

AND WHEREAS, Micron Technology, Inc., a corporation organized and existing under and by virtue of the laws of the State of <u>Delaware</u>, and having an office and place of business at <u>8000 South Federal Way Boise</u>, <u>Idaho 83716-9632</u>, (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.

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(Date)

Serial No.: Unknown Filing Date: Concurrently Herewith

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 2018.	have hereunto set my hand this 13 day of MARCH.
2010,	Sionsia Mingoli
	Dionisio Minopoli
WITNESS 1:	1
LUCA POPBIO	12 PM 76
Printed Name	Signature
19 / 3 / 20 18 (Date)	······································
WITNESS 2:	en e
Roberto kui	QQ (**)
Printed Name	Signature
10 /2 /2 a Q	·

Attorney Docket No.: 1003.0480001 [2017-0079.00/US]

Page 2 of 2

Serial No.: Unknown

Filing Date: Concurrently Herewith

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IN TESTIMONY WHEREOF, I ha	ave hereunto set my hand this gray of MARCH,
2018.	Ginnfrance Ferrante
WITNESS 1:	
LUCA PORZIO	ha 10 d
Printed Name	Signature
19 / 3/ 2018 (Date)	
WITNESS 2:	
Robento In.	201
Printed Name	Signature
19/3/2018 (Date)	
(Country)	

Attorney Docket No.: 1003.0480001 [2017-0079.06/US]

Page 2 of 2

(Date)

Serial No.: Unknown

Filing Date: Concurrently Herewith

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 hav	re hereunto set my hand this 49 day of 400 ,
2018.	
	la Como CA
	Antonino Caprí
WITNESS 1:	¥
YY X R I Y RUCOLO R L	Same . Washington
	() ()
MANCO SFORTIN	year N
Printed Name	Signature
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19 Kareh 2013	
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(Date)	
WITNESS 2:	Marine Mr.
77 EX 112/00 WV	- A A A A A A A A A A A A A A A A A A A
2000 - ALBERTA	" Alana / Malan
GRALIANO MIRICHIGIN	The Charles of Ourself
Printed Name	Signature
A	···
19 March 2018	
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Attorney Docket No.: 1003.0480001 [2017-0079.00/US]

Page 2 of 2

Serial No.: Unknown

Filing Date: Concurrently Herewith

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 19 day of hanch. 2018.

Emanuele Confalonieri

WITNESS 1:

Printed Name

19 March 2018

WITNESS 2:

GRAZIANO MIRICHIGNI Signature

19 March 2018 (Date)

PATENT REEL: 045275 FRAME: 0687 Attorney Docket No.: 1003,0480001 [2017-0079,00/U8]

Page 2 of 2 Serial No.: Unknown Filing Date: Concurrently Herewith

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 he 2018.	ereunto set my hand this U day of $N>rU$
	ferry 12d/m
Da	niele Bálluchi
WITNESS 1:	
MANCO SFORTIN	Je 16
Printed Name	Signature
19 March 2018	
(Date)	
WITNESS 2:	
GRAZIANO MIRICHIGNI	Sicion () ()
Printed Name	Signature
19 March 2018 (Date)	

PATENT REEL: 045275 FRAME: 0688

RECORDED: 03/19/2018