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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4876957

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DANILO CARACCIO	03/19/2018
EMANUELE CONFALONIERI	03/19/2018
MARCO DALLABORA	03/19/2018
ROBERTO IZZI	03/19/2018
PAOLO AMATO	03/19/2018
DANIELE BALLUCHI	03/19/2018
LUCA PORZIO	03/20/2018

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:	15927530

CORRESPONDENCE DATA

Fax Number:	(612)	659-9344	
		e-mail address first; if that is unsuccessful, it will be sent nat is unsuccessful, it will be sent via US Mail.	
Phone:	612-6	\$59-9340	
Email:	shera	herar@bipl.net	
Correspondent Name:	BROOKS, CAMERON & HUEBSCH, PLLC		
Address Line 1:	1201	MARQUETTE AVENUE SOUTH, SUITE 400	
Address Line 4:	MINN	IEAPOLIS, MINNESOTA 55403	
ATTORNEY DOCKET NUMBI	:D.	1003.0430001[17-110400US]	
ATTORNET DOCKET NUMBER:		1003.0430001[17-11040003]	
NAME OF SUBMITTER:		ANDY L. SCHOFIELD	
SIGNATURE:		/Andy L. Schofield/	

03/21/2018

DATE SIGNED:

Total Attachments: 8	
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ASSIGNMENT

WHEREAS, We, Danilo Caracelo, residing at Via Renato Fucini 3, Milano, MI, 20133, ITALY, Emanuele Confalonieri, residing at Via C. na Baraggia 1, Lesmo, MB, 20855, ITALY, Marco Dallabora, residing at Via F. Corridoni 10, Melegnano, MI, 20077, ITALY, Roberto Izzi, residing at Via San Gennaro, 35, Caserta, CF, 81100, ITALY, Paolo Amato, residing at Via E. Bignamini 2/D, Treviglio, BG, 24047, ITALY, Daniele Balluchi, residing at Via Gorizia 14B, Cermisco Sul Naviglio, MI, 20063, ITALY, and Luca Porzio, residing at Via Cavalcanti 4, Casalnuovo Di Napoli, NA, 80013, 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: HYBRID MEMORY SYSTEM

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>, Idaho <u>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.

PATENT REEL: 045304 FRAME: 0039

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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 wells 2018.

Bañilo Caraccio

WITNESS 1:

<u>GRAZIANO MIRICHIGNI</u> Printed Name

Signature

2018 March 19

WITNESS 2:

ALESSANDRO ON LAND O Printed Name

19/03/2019 (Date)

Var Veloulo

Signature

Attorney Docket No.: 1003.0430001 [2017-1104.00/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 MARCH 2018.

Euromale Corp

Emanuele Confalonieri

WITNESS 1:

NARCO SPORZIN Printed Name

Signature

Monch, 19, 2018

(Date)

WITNESS 2:

GENZIANO MINCHIGNI

Printed Name

gnature

March 19, 2018

Attorney Docket No.: 1003.0430001 (2017-1104.00/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 \mathcal{M} day of \mathcal{MARCH} , 2018.

Marco Dallabora

WITNESS 1:

MARCO STOR 21N

Signature

March 19, 2018

(Date)

WITNESS 2:

GEALAND MILICHIGNI Printed Name

coature

Attorney Docket No.: 1003.0430001 [2017-1104.00/US] Page 2 of 2 Serial No .: Unknown Filing Date: Concurrently Herewith

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IN TESTIMONY WHEREOF, I have hereunto set my hand this if day of MA acia, 2018.

Roberto Izzi

WITNESS 1:

Printed Name

ANIELLO VISCARDI Anullo Vicardi Printed Name Signature

13-3-2018 (Date)

WITNESS 2:

<u>19-3-201</u> (Date)

GINSTANCS SANTOPIETAS (10, fro o //6, 70 Printed Name Signature

PATENT REEL: 045304 FRAME: 0043

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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 21 day of 1742(H, 2018.

Paolo Amato

WITNESS 1:

MARCO GEORZIN Printed Name

Signature

Marsh 19,2212 (Date)

WITNESS 2:

GRAZIANO HIRICHIANI

Printed Name

Manch 19,2018

gnature

Attorney Docket No.: 1003.0430001 [2017-1104.00/US] Page 2 of 2 Serial No .: Unknown Filing Date: Concurrently Herewith

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IN TESTIMONY WHEREOF, I have hereunto set my hand this & day of 2018.

BA.

Daniele Balluchi

WITNESS 1:

MAKED STORLIN Printed Name

Signature

8018 Mardn 191 (Date)

WITNESS 2:

GRAZIAND MINCHIGHI Printed Name

Mach 13,2216

Attomey Docket No.: 1003.0430001 [2017-1104.00/US] Page 2 of 2 Serial No : Unknown Filing Date: Concurrently Herewith

AND, furthermore we covenant and agree with said Assignce, 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 20 day of MAK, 2018.

Luca Porzio

WITNESS 1:

GIANFRANco SANTOPIETRO GILA AMUNICA Printed Name

MARCH 20 20 (S (Date)

WITNESS 2:

LUCIA D'ONOFEIO <u>luce</u> fliof Printed Name Signature

MARCH, 20 2018 (Date)

RECORDED: 03/21/2018