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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2624461

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
OMBRETTA DONGHI	11/18/2013
MARCELLO RAVASIO	11/19/2013
SAMUELE SCIARRILLO	11/19/2013
ROBERTO SOMASCHINI	11/19/2013

RECEIVING PARTY DATA

Name:	MICRON TECHNOLOGY, INC.
Street Address:	8000 SOUTH FEDERAL WAY
City:	BOISE
State/Country:	IDAHO
Postal Code:	83707

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14086460

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	MICRON.637A
NAME OF SUBMITTER:	KYU MIN
Signature:	/Kyu Min/
	PATENT

REEL: 031652 FRAME: 0664 502578523

Date:	11/21/2013
Total Attachments: 5 source=2013_11_21_Assignment_MICRON source=2013_11_21_Assignment_MICRON source=2013_11_21_Assignment_MICRON source=2013_11_21_Assignment_MICRON source=2013_11_21_Assignment_MICRON	_637A#page2.tif _637A#page3.tif _637A#page4.tif

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Filing Date: <u>16/09/2013</u> Page 1 of 5

ASSIGNMENT

WHEREAS, Ombretta Donghi, residing in Lesmo, Italy, Marcello Ravasio, residing in Olgiate Molgora, Italy, Samuele Sciarrillo, residing in Lomagna, Italy, and Roberto Somaschini, Vimercate, Italy, (individuals hereinafter "ASSIGNOR") invented certain new and useful improvements, technology, inventions, developments, ideas, ornamental design or discoveries related to CROSS-POINT MEMORY AND METHODS FOR FABRICATION OF SAME (collectively hereinafter referred to as the "Work") for which an application for Letters Patent in the United States has been prepared for filing (application number and filing date to be filled in at a later date) with the United States Patent and Trademark Office (hereinafter the "Application");

AND WHEREAS, MICRON TECHNOLOGY, INC., a Delaware Corporation, with its principal place of business at 8000 South Federal Way, Boise, ID 83707 (hereinafter the "ASSIGNEE"), desires to acquire the entire right, title, and interest in and to the Application and the Work:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby acknowledges that ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in the Application and the Work, including all provisional applications relating thereto, and all nonprovisional applications claiming priority thereto, including, all divisions, continuations, continuations-in-part, reissues, and reexaminations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, any modifications or confirmations thereof by certificates from reexamination, inter partes review, post-grant review or covered business method patent review, and all rights of priority under International Conventions and any related Letters Patent which may hereafter be granted or filed in any country or countries foreign to the United States, all extensions, renewals and reissues thereof; and ASSIGNOR hereby authorizes and requests the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all related Letters Patent to the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND ASSIGNOR DOES HEREBY sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of said Letters Patent before or after issuance.

AND ASSIGNOR DOES HEREBY covenant and agree that ASSIGNOR will communicate to said ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNOR respecting the Work, and testify in any legal proceeding, assist in the preparation of any other provisional or non-provisional applications relating to the Application and the Work or any improvements made thereto, sign all lawful papers, authorize the filing of and execute and make all rightful oaths and/or declarations in connection with the Application and the Work including any improvements made thereto, any patent applications filed therefrom, and any continuing application filed from any of the aforementioned applications, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Work in all countries.

Application No.: <u>2013 - 083 00</u> Filing Date: <u>16 (09 / 2013</u>	Docket Number: MICRON.637A Page 2 of 5
Legal Name of inventor: Ombretta Donghi	
Inventor Signature: Que Sacre Dy Witnessed by:	Date: 18/11/2013
Witness Name (printed):	PIETRO CANTIL

Application No.: 2013 Filing Date: 461		Docket	: Number: MICRON.637 Page 3 of
Legal Name of inventor	or: Marcello Ravasio		
Inventor Signature:	20. 1	Date:	19/4/13
	Witnessed by	<u> </u>	
	Witness Name (printed):	PIETTO CANTO	N _A

Filing Date:	2/ 2013	Docket Number: MICRON.637 Page 4 of
Legal Name of invento	or: Samuele Sciarrillo	
Inventor Signature:	Samle Poulle	Date: 13/11/13
	Witnessed by:	
	Witness Name (printed):	PIETRO CANTY

Filing Date:	Page 5 of 5
Legal Name of inventor: Roberto Somaschini	
Inventor Signature: ZLb S	Date: 19/11/2013
Witnessed by:	
Witness Name (printed):	PIETRO CANTY

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RECORDED: 11/21/2013