504705580 12/27/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4752302

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MANUJ NAHAR	12/27/2017
VASSIL N. ANTONOV	12/27/2017

RECEIVING PARTY DATA

Name:	MICRON TECHNOLOGY, INC.
Street Address:	8000 SOUTH FEDERAL WAY, MS 1- 525
City:	BOISE
State/Country:	IDAHO
Postal Code:	83716

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15855665

CORRESPONDENCE DATA

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Email:docketing@wellsstjohn.comCorrespondent Name:WELLS ST. JOHN, P.S.Address Line 1:601 W. MAIN AVENUE

Address Line 2: SUITE 600

Address Line 4: SPOKANE, WASHINGTON 99201

ATTORNEY DOCKET NUMBER:	MI22-6381
NAME OF SUBMITTER:	BRIDGET WISEMAN
SIGNATURE:	/Bridget Wiseman/
DATE SIGNED:	12/27/2017

Total Attachments: 4

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PATENT 504705580 REEL: 044493 FRAME: 0356

<u>ASSIGNMENT</u>

PARTIES TO THE ASSIGNMENT:

INVENTORS:

Manuj Nahar 2901 W. Stewart Avenue Boise, ID 83702 United States

Vassil N. Antonov 3684 S. Vintage Way Boise, ID 83706 United States

ASSIGNEE:

Micron Technology, Inc. MS 1-525 8000 South Federal Way Boise, ID 83716 United States

BACKGROUND OF THIS ASSIGNMENT:

INVENTORS have conceived certain new and useful inventions disclosed in a United States patent application entitled "Ferroelectric Capacitor, Ferroelectric Field Effect Transistor, And Method Used In Forming An Electronic Component Comprising Conductive Material And Ferroelectric Material".

Micron Technology, Inc. (hereinafter referred to as "ASSIGNEE") desires to acquire and/or memorialize acquisition of the entire right, title and interest in said inventions and with respect to any Letters Patent that may be granted with respect to said inventions in both the United States and in all foreign countries.

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MI22-6381 - Assignment.doc

PATENT REEL: 044493 FRAME: 0357

THE PARTIES AGREE AS FOLLOWS:

In consideration of good and valuable consideration, the receipt, sufficiency and adequacy of which is hereby acknowledged, INVENTORS have sold, assigned and transferred, and by these present do hereby sell, assign and transfer to ASSIGNEE, the entire right, title and interest in the above-identified inventions and patent application and to any reissues, renewals, divisions or continuations of the patent application thereof, and hereby authorizes the Commissioner of Patents and Trademarks to issue all resulting Letters Patents to ASSIGNEE for the sole use and commercial exploration of ASSIGNEE, its successors or assigns.

INVENTORS further agree to execute, at the request and expense of ASSIGNEE, such other formal documents as may be required to fully convey the interest transferred herein and will similarly execute any patent application papers (foreign or domestic) required for the filing of any divisional, continuation, renewal or reissue of the patent application or resulting Letters Patent, and will generally do everything necessary or desirable to obtain and enforce proper protection for the inventions assigned hereby.

INVENTORS further assign to ASSIGNEE the whole right, title and interest in the inventions disclosed in the application throughout all countries foreign to the United States. ASSIGNEE is hereby authorized to apply for patents relating to the inventions in its own name in countries where such procedure is proper; to claim the benefit of the International Convention; to file and prosecute International Applications relating to the inventions under the Patent Cooperation Treaty; and to file and prosecute applications relating to the inventions under the European Patent Convention. INVENTORS agree to execute applications relating to the inventions in those countries and under those conventions where it is necessary that the same be executed by the inventor, and to execute assignments of such applications and the resulting Letters Patents to ASSIGNEE as well as all other necessary papers in relation to such

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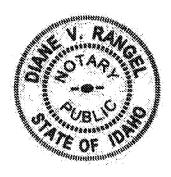
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applications and Letters Patents. INVENTORS hereby consent that a copy of this Assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country as proof of the right of ASSIGNEE to apply for patent and other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

To be binding on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

Dated: Dec 27 2017	Signature	Manj	Nature :	****************
		Manuj Nah	ar	
State of <u>Idaho</u>)) ss.			
County of <u>Qda</u>)			
me, Dipne V. Kongel	r <u>Jecemb</u> e	* <i>V</i>	, 2017	, before
me. Diene V. Kangel		(nam	ie and title o	f Notary
Official), personally appeared g	<u>vianuj Ivanar, i</u>	known or	identified to	me (or
proved to me on the basis of sa	itisfactory evid	ence) to b	e the person	ı whose
name is subscribed within the	Assignment, a	and ackno	wledged to	me that
he/she executed the Assignmen	it in his/her au	thorized c	apacity, and	that by
his/her signature on the Assignn				

SEAL



My Commission Expires: 6-30-23

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Dated: 12/27/2017 Sig	gnature: Vassil N. Antonov
	vassii iv. Aillonov
State of Idaho County of Oda	SS.
County of <u>CAA</u>)	
On this 27th day of 1	<u>)ecember</u> , 2017, before
me, DiAne V. Danse	(name and title of Notary
Official), personally appeared <u>vassif</u>	<u>N. Antonov,</u> known or identified to me
(or proved to me on the basis of sa	
whose name is subscribed within the	
that he/she executed the Assignment i	· · · · · · · · · · · · · · · · · · ·
by his/her signature on the Assi	gnment, the person executed the
Assignment.	
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JUZ N. RAZDA	My Commission Expires: 1-30-23
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RECORDED: 12/27/2017