

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2780461

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SRINIVAS PULUGURTHA	02/27/2014
HAITAO LIU	03/19/2014
SANH D. TANG	02/27/2014
WOLFGANG MUELLER	03/20/2014
SOURABH DHIR	03/19/2014
RECEIVING PARTY DATA	
Name:	MICRON TECHNOLOGY, INC.
Street Address:	8000 SOUTH FEDERAL WAY
Internal Address:	MAILSTOP 525
City:	BOISE
State/Country:	IDAHO
Postal Code:	83707-0006
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14190807
CORRESPONDENCE DATA	
Fax Number:	(801)531-9168
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	801-532-1922
Email:	djpfeil@traskbritt.com
Correspondent Name:	TRASK BRITT, P.C./ MICRON TECHNOLOGY
Address Line 1:	P.O. BOX 2550
Address Line 4:	SALT LAKE CITY, UTAH 84110
ATTORNEY DOCKET NUMBER:	2269-12136(2013-0197.00)
NAME OF SUBMITTER:	JESSE M. FLORES
SIGNATURE:	/Jesse M. Flores/
DATE SIGNED:	03/21/2014
Total Attachments: 6	
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ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, each undersigned ASSIGNOR does hereby:

SELL, ASSIGN AND TRANSFER to Micron Technology, Inc. ("ASSIGNEE"), a corporation of the state of Delaware having a place of business at 8000 South Federal Way, Mailstop 525, Boise, ID 83707-0006, 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 Serial No. 14/190,807 filed on February 26, 2014 entitled **VERTICAL ACCESS DEVICES, SEMICONDUCTOR DEVICE STRUCTURES, AND RELATED METHODS**, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent or the legal equivalent thereof which have been or may be filed in the United States and all foreign countries relating to any of such improvements; all original, reexamined 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 made in the United States;

AUTHORIZE the ASSIGNEE to apply for and receive any and all United States and foreign patents relating to such improvements in its own name;

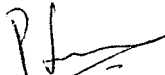
AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to and in the name of the ASSIGNEE;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement or encumbrance affecting the rights and property herein conveyed has been or will be made or entered into by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the ASSIGNEE, to carry out in good faith the intent and purpose of this assignment, to execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications relating to any and all such improvements; to execute all rightful oaths, declarations, assignments, powers of attorney and other papers; to communicate to the ASSIGNEE all facts and provide to the ASSIGNEE all documents and things known and accessible to the undersigned relating to such improvements and the history thereof, and testify as to the same in any interference, litigation or other proceeding relating thereto; and generally to do everything possible which the ASSIGNEE shall consider desirable for vesting title to such improvements in the ASSIGNEE, and to secure, maintain, defend and enforce valid and enforceable patent protection for such improvements;

AGREE AND ACKNOWLEDGE that the SALE, ASSIGNMENT AND TRANSFER of rights and property set forth herein is and shall be IRREVOCABLE and BINDING upon the heirs, assigns, representatives and successors of each undersigned ASSIGNOR and EXTEND to the successors, assigns and nominees of the ASSIGNEE.

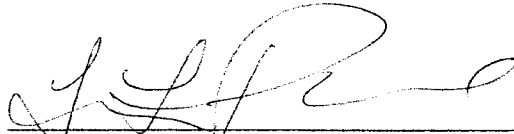
ASSIGNORS:


Srinivas Pulugurtha
Residing at: 2640 East Red Cedar Lane, Apt. F203, Boise, ID 83716

Date 02/27/2014

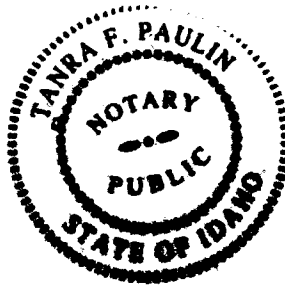
COUNTY OF Ada)
: SS.
STATE OF Idaho)

On this 27th day of February, 2014, before me personally appeared Srinivas Pulugurtha to me known to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he/she executed the same.


Notary Public in and for said County and State

My Commission Expires:

11-5-2017



Haitao Liu
Haitao Liu
Residing at: 6582 East Escarpment Court, Boise, ID 83716

Date 3-19-2014

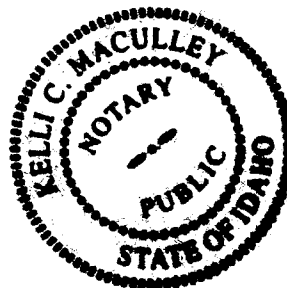
COUNTY OF Ada)
: ss.
STATE OF Idaho)

On this 19 day of March, 2014, before me personally appeared Haitao Liu to me known to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he/she executed the same.

Kelli C. Maculley
Notary Public in and for said County and State

My Commission Expires:

2/28/2018



Sanh D. Tang
Sanh D. Tang
Residing at: 11587 West Verde Drive, Boise, ID 83709

Date 02-27-2014

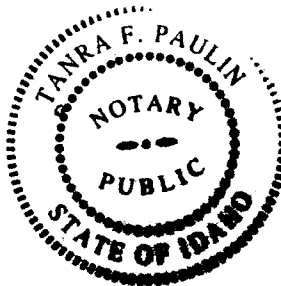
COUNTY OF Ada)
: ss.
STATE OF Idaho)

On this 27th day of February, 2014, before me personally appeared Sanh D. Tang to me known to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he/she executed the same.

Tanra F. Paulin
Notary Public in and for said County and State

My Commission Expires:

11-5-2017



Wolfgang Mueller
Wolfgang Mueller
Residing at: 5198 North Marsh Avenue, Garden City, ID 83714

Date 3/20/2014

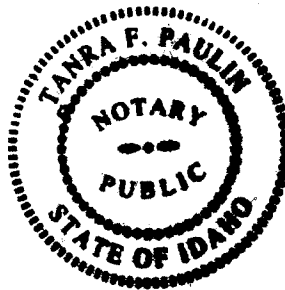
COUNTY OF Ada)
STATE OF Idaho) ss.

On this 20th day of March, 2014, before me personally appeared Wolfgang Mueller to me known to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he/she executed the same.

Tandra F. Paulin
Notary Public in and for said County and State

My Commission Expires:

11-5-2017



Sourabh
Sourabh Dhir
Residing at: 4322 South Constitution Avenue, Boise, ID 83716

Date 03/19/14

COUNTY OF Ada)
: ss.
STATE OF Idaho)

On this 19th day of March, 2014, before me personally appeared Sourabh Dhir to me known to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he/she executed the same.

Tandra F. Paulin
Notary Public in and for said County and State

My Commission Expires:

11-5-2017

