

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Vishal Sipani</td> <td>03/01/2013</td> </tr> <tr> <td>Anton J. deVillers</td> <td>03/04/2013</td> </tr> <tr> <td>Ranjan Khurana</td> <td>03/05/2013</td> </tr> </tbody> </table>		Name	Execution Date	Vishal Sipani	03/01/2013	Anton J. deVillers	03/04/2013	Ranjan Khurana	03/05/2013
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Vishal Sipani	03/01/2013								
Anton J. deVillers	03/04/2013								
Ranjan Khurana	03/05/2013								
RECEIVING PARTY DATA									
Name:	Micron Technology, Inc.								
Street Address:	MS 1-525								
Internal Address:	8000 South Federal Way								
City:	Boise								
State/Country:	IDAHO								
Postal Code:	83716								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13786848</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13786848				
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Application Number:	13786848								
CORRESPONDENCE DATA									
Fax Number:	5098383424								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	509-624-4276								
Email:	docketing@wellsstjohn.com								
Correspondent Name:	Mark S. Matkin								
Address Line 1:	Wells St. John P.S.								
Address Line 2:	601 W. 1st Ave., #1300								
Address Line 4:	Spokane, WASHINGTON 99201-3828								
ATTORNEY DOCKET NUMBER:	MI22-5289								
NAME OF SUBMITTER:	Mark S. Matkin								
Total Attachments: 5									

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ASSIGNMENT

PARTIES TO THE ASSIGNMENT:

INVENTORS:

Vishal Sipani
7380 W. Coho Dr.
Boise, ID 83709
United States

Anton J. deVilliers
734 Tanner Rd
Clifton Park, NY 12065
United States

Ranjan Khurana
1062 E. Rubicon Dr.
Boise, ID 83716
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 titled Methods Of Forming A Pattern On A Substrate.

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

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 application and to any reissues, renewals, divisions or continuations of the application thereof, and hereby authorizes the Commissioner of Patents and Trademarks to issue such Letters Patent to ASSIGNEE for the sole use 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 Patent to ASSIGNEE as well as all other necessary papers in relation to such applications and Letters Patent. 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: 3/1/2013

Signature: Vishal Sipani
Vishal Sipani

State of Idaho

County of Ada

)
) ss.
)

On this 1st day of March, 2013, before me, Diane V. Rangel Patent Assistant (name and title of Notary Official), personally appeared Vishal Sipani, known or identified to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed within the Assignment, and acknowledged to me that he/she executed the Assignment in his/her authorized capacity, and that by his/her signature on the Assignment, the person executed the Assignment.

SEAL



Diane V. Rangel
My Commission Expires: 6-30-17

Dated: 03/04/2013

Signature: R. Khurana
Ranjan Khurana

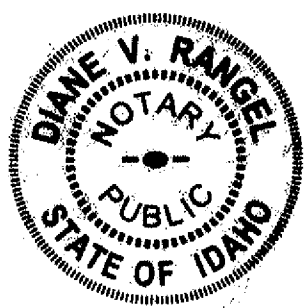
State of Idaho

County of Ada

)
) ss.
)

On this 4th day of March, 2013, before me, Diane V. Rangel Patent Assistant (name and title of Notary Official), personally appeared Ranjan Khurana, known or identified to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed within the Assignment, and acknowledged to me that he/she executed the Assignment in his/her authorized capacity, and that by his/her signature on the Assignment, the person executed the Assignment.

SEAL



Diane V. Rangel
My Commission Expires: 6-30-17

Dated: 03/05/2013

Signature: _____

Anton J. deVilliers

State of New York

County of USA

)
) ss.
)

On this 5th day of March, 2013, before me, _____ (name and title of Notary Official), personally appeared Anton J. deVilliers, known or identified to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed within the Assignment, and acknowledged to me that he/she executed the Assignment in his/her authorized capacity, and that by his/her signature on the Assignment, the person executed the Assignment.

SEAL

My Commission Expires: _____