

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2961950

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	MICHAEL MURRAY	02/22/2007
RECEIVING PARTY DATA		
Name:	MICRON TECHNOLOGY, INC.	
Street Address:	8000 SO FEDERAL WAY	
City:	BOISE	
State/Country:	IDAHO	
Postal Code:	83716	
PROPERTY NUMBERS Total: 4		
Property Type	Number	
Application Number:	14142580	
Patent Number:	8621294	
Patent Number:	8365028	
Patent Number:	7992060	
CORRESPONDENCE DATA		
Fax Number:	(612)339-3061	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>		
Phone:	6123736900	
Email:	Request@slwip.com	
Correspondent Name:	SCHWEGMAN, LUNDBERG & WOESSNER, P.A.	
Address Line 1:	P. O. BOX 2938	
Address Line 4:	MINNEAPOLIS, MINNESOTA 55402-0938	
ATTORNEY DOCKET NUMBER:	303.986US*	
NAME OF SUBMITTER:	JULIE A NELSON	
SIGNATURE:	/ Julie A. Nelson /	
DATE SIGNED:	07/31/2014	
Total Attachments: 3		
source=signed 303986US2-3-4-5-assignment#page1.tif		
source=signed 303986US2-3-4-5-assignment#page2.tif		
source=signed 303986US2-3-4-5-assignment#page3.tif		

RECORDATION FORM COVER SHEET
PATENTS ONLY

Atty Ref/Docket No.: 303.986US*

Patent and Trademark Office

To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Michael Murray

Additional name(s) of conveying party(ies) attached?

[] Yes [X] No

3. Nature of conveyance:

[X] Assignment

[] Merger

[] Security Agreement [] Change of Name

[] Other

Execution Date: February 22, 2007

2. Name and address of receiving party(ies):

Name: Micron Technology, Inc.

Street Address: 8000 So. Federal Way

City: Boise State: ID Zip: 83716-9632

Country: United States of America

Additional name(s) & address(es) attached? [] Yes [X] No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

Serial No. 14/142,580

B. Patent No.(s)

8,621,294

8,365,028

7,992,060

Additional numbers attached? [] Yes [X] No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Viet V. Tong

Address:

Schwegman Lundberg & Woessner, P.A.

P.O. Box 2938

Minneapolis, MN 55402--0938

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41):\$ 0.00

[] Enclosed

[] Authorized to be charged to deposit account 19-0743

8. Please charge any additional fees or credit any over payments to our Deposit Account No.: 19-0743

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Viet V. Tong/Reg. No. 45,416

Name of Person Signing

/ Viet Tong /

Signature

7-30-14

Date

Total number of pages including cover sheet: 3

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks

Mail Stop Assignment Recordation Services

P.O. Box 1450

Alexandria, VA 22313-1450

PATENT
REEL: 033431 FRAME: 0551

ASSIGNMENT

WHEREAS, I, Michael Murray, residing at 385 Foxborough Dr., Mountain View, CA 94041, made certain new and useful inventions and improvements for which I filed an application for Letters Patent of the United States entitled APPARATUS, METHODS, AND SYSTEMS OF NAND DEFECT MANAGEMENT:

WHEREAS, I hereby authorize and request my attorneys, as listed on the Power of Attorney, at Schwegman, Lundberg, Woessner & Kluth, P.A., located at 121 South Eighth Street, Suite 1600, Minneapolis, MN 55402, to insert here in parentheses (Ser. No. 11/110,794; Filing Date: FEBRUARY 26, 2007) the filing date and application number of said application when known.

AND WHEREAS, Micron Technology, Inc., a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having an office and place of business at 8000 So. Federal Way, Boise, ID 83716-9632 (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 therefor;

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 entire 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 there from, 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 of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted there from; and I do hereby authorize and request the Commissioner of Patents 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 me 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 more effectually to secure to 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.

AND, furthermore, I 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.

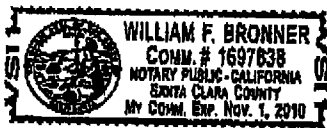
IN TESTIMONY WHEREOF, I have hereunto set my hand this 22ND day of FEBRUARY, 2007.

Michael Murray
Michael Murray

STATE OF CALIFORNIA
COUNTY OF SANTA CLARA)₉₅

On this 22 day of FEBRUARY, 2007 before me personally appeared Michael Murray, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/~~she~~ duly acknowledged to me that he/~~she~~ executed the same for the uses and purposes therein set forth. PROVED TO ME ON BASIS OF SATISFACTORY EVIDENCE.

[SEAL]



William F. Bronner
Notary Public