

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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>Hernan A. Castro</td> <td>10/10/2012</td> </tr> <tr> <td>Everardo Torres Flores</td> <td>10/10/2012</td> </tr> <tr> <td>Jeremy M. Hirst</td> <td>10/10/2012</td> </tr> </tbody> </table>		Name	Execution Date	Hernan A. Castro	10/10/2012	Everardo Torres Flores	10/10/2012	Jeremy M. Hirst	10/10/2012		
Name	Execution Date										
Hernan A. Castro	10/10/2012										
Everardo Torres Flores	10/10/2012										
Jeremy M. Hirst	10/10/2012										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>MICRON TECHNOLOGY, INC.</td> </tr> <tr> <td>Street Address:</td> <td>8000 South Federal Way</td> </tr> <tr> <td>City:</td> <td>Boise</td> </tr> <tr> <td>State/Country:</td> <td>IDAHO</td> </tr> <tr> <td>Postal Code:</td> <td>83707</td> </tr> </table>		Name:	MICRON TECHNOLOGY, INC.	Street Address:	8000 South Federal Way	City:	Boise	State/Country:	IDAHO	Postal Code:	83707
Name:	MICRON TECHNOLOGY, INC.										
Street Address:	8000 South Federal Way										
City:	Boise										
State/Country:	IDAHO										
Postal Code:	83707										
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>13651149</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13651149						
Property Type	Number										
Application Number:	13651149										
CORRESPONDENCE DATA											
<p>Fax Number: 9497609502</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Email: efilings@knobbe.com</p> <p>Correspondent Name: KNOBBE, MARTENS, OLSON & BEAR LLP</p> <p>Address Line 1: 2040 Main Street</p> <p>Address Line 2: 14th Floor</p> <p>Address Line 4: Irvine, CALIFORNIA 92614</p>											
ATTORNEY DOCKET NUMBER:	MICRON.583A										
NAME OF SUBMITTER:	Adeel S. Akhtar										
<p>Total Attachments: 5</p> <p>source=2012-10-12_Assignment_MICRON-583A#page1.tif</p> <p>source=2012-10-12_Assignment_MICRON-583A#page2.tif</p> <p>source=2012-10-12_Assignment_MICRON-583A#page3.tif</p> <p>source=2012-10-12_Assignment_MICRON-583A#page4.tif</p> <p>source=2012-10-12_Assignment_MICRON-583A#page5.tif</p>											

OP \$40.00 13651149

ASSIGNMENT

WHEREAS, Hernan A. Castro, a U.S. citizen, residing in Shingle Springs, CA, Everardo Torres Flores, a U.S. citizen, residing in Folsom, CA, and Jeremy M. Hirst, a U.S. citizen, residing in Orangevale, CA, (individual(s) hereinafter "ASSIGNOR") invented certain new and useful improvements, technology, inventions, developments, ideas or discoveries related to MEMORY DEVICE ARCHITECTURE (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, 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, 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.: 13/651,149
Filing Date: October 12, 2012

Docket Number: MICRON.583A
Page 2 of 4

Legal Name of inventor: Hernan A. Castro

Inventor Signature: _____

Date: 10-10-12

Witnessed by: _____

Witness Name (printed): _____

Application No.: 13/651,149
Filing Date: October 12, 2012

Docket Number: MICRON.583A
Page 3 of 4

Legal Name of inventor: Everardo Torres Flores

Inventor Signature: Everardo T Flores Date: 10-10-2012

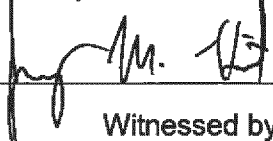

Witnessed by: Jeff L Owens

Witness Name (printed): Jeff L Owens

Application No.: 13/651,149
Filing Date: October 12, 2012

Docket Number: MICRON.583A
Page 4 of 4

Legal Name of Inventor: Jeremy M. Hirst

Inventor Signature:  Date: 10/10/12
Witnessed by: 
Witness Name (printed): Jeff L Owens

14091187_1
100312

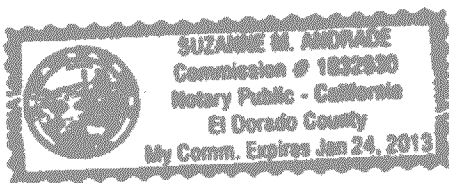
CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of Sacramento

On 10/10/2012 before me, Suzanne M Andrade
Date Here Insert Name and Title of the Officer

personally appeared Jeff L Owens
Name(s) of Signer(s)



who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Place Notary Seal Above

Signature

Signature of Notary Public

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document: Assignment Docket # Micron 583A

Document Date: 10/10/12 Number of Pages: 4

Signer(s) Other Than Named Above: Herman A Castro, Everardo Torres Flores
Jeremy M Hirst

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____

- ☐ Individual
☐ Corporate Officer — Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Attorney in Fact
☐ Trustee
☐ Guardian or Conservator
☐ Other: _____

Signer Is Representing: _____

RIGHT THUMBPRINT
OF SIGNER
Top of thumb here

Signer's Name: _____

- ☐ Individual
☐ Corporate Officer — Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Attorney in Fact
☐ Trustee
☐ Guardian or Conservator
☐ Other: _____

Signer Is Representing: _____

RIGHT THUMBPRINT
OF SIGNER
Top of thumb here