

## PATENT ASSIGNMENT

Electronic Version v1.1  
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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>Martin F. Schubert</td> <td>06/13/2013</td> </tr> <tr> <td>Vladimir Odnoblyudov</td> <td>06/13/2013</td> </tr> </tbody> </table>		Name	Execution Date	Martin F. Schubert	06/13/2013	Vladimir Odnoblyudov	06/13/2013				
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Martin F. Schubert	06/13/2013										
Vladimir Odnoblyudov	06/13/2013										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Micron Technology, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>8000 S. Federal Way, PO Box 6</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>83707-0006</td> </tr> </table>		Name:	Micron Technology, Inc.	Street Address:	8000 S. Federal Way, PO Box 6	City:	Boise	State/Country:	IDAHO	Postal Code:	83707-0006
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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>13918655</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13918655						
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CORRESPONDENCE DATA											
<p>Fax Number: 2063594209  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 206-359-8000        Email: swhelan@perkinscoie.com        Correspondent Name: PERKINS COIE LLP - Micron PATENT-SEA        Address Line 1: PO BOX 1247        Address Line 4: SEATTLE, WASHINGTON 98111-1247</p>											
ATTORNEY DOCKET NUMBER:	10829-9091.US00										
NAME OF SUBMITTER:	Stephen P. Whelan										
Signature:	/Stephen P. Whelan/										
Date:	06/14/2013										

OP \$40.00 13918655

Total Attachments: 4

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**PATENT**

**REEL: 030618 FRAME: 0678**

## ASSIGNMENT BY INVENTORS

This Assignment is by the following individuals (the "Assignors"):

- Martin F. Schubert, having a mailing address of 3914 S. Globe Theatre Avenue, Boise, Idaho 83716; and
- Vladimir Odnoblyudov, having a mailing address of 1363 S. Willow Wood Way, Eagle, Idaho 83616.

The Assignors invented one or more certain inventions (the "Invention(s)") described in an application for Letters Patent of the United States titled LIGHT-EMITTING METAL-OXIDE-SEMICONDUCTOR DEVICES AND ASSOCIATED SYSTEMS, DEVICES, AND METHODS, naming the Assignors as inventors, and filed on \_\_\_\_\_ as U.S. Application No. \_\_\_\_\_ (the "Application"). The Assignors authorize the Assignee, identified below, or its representatives to insert the application number and filing date of the Application when known.

Micron Technology, Inc., a corporation of Delaware having its principal place of business at 8000 S. Federal Way, P.O. Box 6, Boise, Idaho 83707-0006 (the "Assignee"), desires to acquire the entire right, title and interest in and to the Invention(s) and the Application, and in and to any patents (collectively, "Patents") that may be granted for the Invention(s) in the United States or in any foreign countries.

For valuable consideration, the receipt and sufficiency of which Assignors acknowledge, Assignors hereby sell, assign, and transfer to Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to: the Invention(s), the Application, and any Patents; any divisions, continuations, and continuations-in-part of the Application and any other application claiming priority rights from the Application; any reissues, reexaminations, or extensions of any and all Patents; the right to file foreign applications directly in the name of Assignee; and the right to claim priority rights deriving from the Application (collectively, the "Rights").

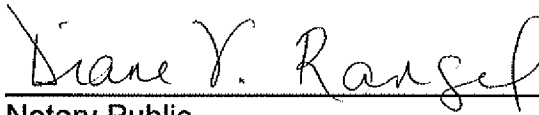
Assignors warrant that Assignors own the Rights, and that the Rights are unencumbered. Assignors also agree to not sign any writing or do any act conflicting with this assignment, and, without further compensation, sign all documents and do such additional acts as Assignee deem necessary or desirable to: perfect Assignee's enjoyment of the Rights; conduct proceedings regarding the Rights, including any litigation or interference proceedings; or perfect or defend title to the Rights. Assignors request the Commissioner of Patents to issue any Patent of the United States that may be issued on the Invention(s) to Assignee. This Assignment may be executed in counterparts.

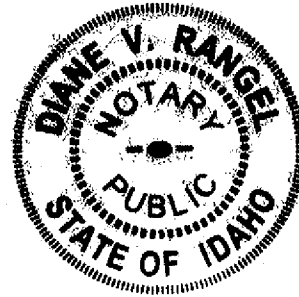
Date: 6/13/13

Signature   
Martin F. Schubert

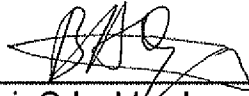
United States of America )  
State of Idaho ) ss.  
County of ada )

On this 13<sup>th</sup> day of June, 2013 before me  
personally came Martin F. Schubert, to me known to be the individual  
described in and who executed the foregoing instrument, and acknowledged execution  
of the same.

  
Notary Public

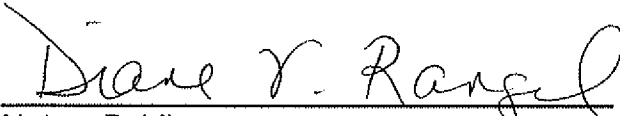


Date: 6/13/2013

Signature   
Vladimir Odnoblyudov

United States of America )  
State of Idaho ) ss.  
County of Ada )

On this 13<sup>th</sup> day of June, 2013 before me  
personally came Vladimir Odnoblyudov, to me known to be the individual  
described in and who executed the foregoing instrument, and acknowledged execution  
of the same.

  
Notary Public

