

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>Vladimir Odnoblyudov</td> <td>01/04/2012</td> </tr> <tr> <td>Martin F. Schubert</td> <td>01/04/2012</td> </tr> <tr> <td>Scott D. Schellhammer</td> <td>01/05/2012</td> </tr> <tr> <td>Jeremy S. Frei</td> <td>01/04/2012</td> </tr> </tbody> </table>		Name	Execution Date	Vladimir Odnoblyudov	01/04/2012	Martin F. Schubert	01/04/2012	Scott D. Schellhammer	01/05/2012	Jeremy S. Frei	01/04/2012
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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, P.O. 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, P.O. 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>13346495</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13346495						
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Application Number:	13346495										
CORRESPONDENCE DATA											
<p>Fax Number: (206)359-4209 Phone: 206-359-8000 Email: swhelan@perkinscoie.com <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: PERKINS COIE LLP PATENT-SEA Address Line 1: PO BOX 1247 Address Line 4: SEATTLE, WASHINGTON 98111-1247</p>											
ATTORNEY DOCKET NUMBER:	10829-9055.US00										
NAME OF SUBMITTER:	Stephen P. Whelan										
Total Attachments: 6											

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ASSIGNMENT BY INVENTORS

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


- Vladimir Odnoblyudov having a mailing address of 1363 S. Willow Wood Way, Eagle, Idaho 83616;
- Martin F. Schubert having a mailing address of 3914 S. Globe Theatre Avenue, Boise, Idaho 83716;
- Scott D. Schellhammer having a mailing address of 946 N. Mount Hood Place, Meridian, Idaho 83642; and
- Jeremy S. Frei having a mailing address of 5079 Shalecrest Court, Boise, Idaho 83703.

The Assignors invented one or more certain inventions (the "Invention(s)") described in an application for Letters Patent of the United States titled VERTICAL SOLID-STATE TRANSDUCERS AND SOLID-STATE TRANSDUCER ARRAYS HAVING BACKSIDE TERMINALS AND ASSOCIATED SYSTEMS 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.

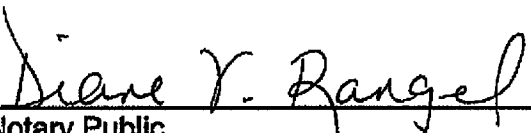
Micron Technology, Inc., a corporation of Delaware having its principal place of business at 8000 S. Federal Way, P.O. Box 6, Boise, Idaho 83707-0006 (the "Assignee"), desire to acquire the entire right, title and interest in and to the Invention(s) and the Application, and in and to any patents (collectively, "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: 1/4/12
Vladimir OdnoblyudovUnited States of America)
State of Idaho) ss.:
County of Ada)

On this 4th day of January, 2012, 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.

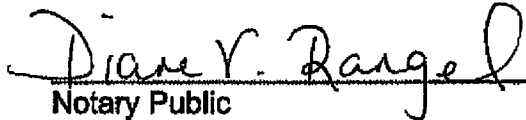

Notary Public

Date: 1/4/12


Martin F. Schubert

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

On this 4th day of January, 2012 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.

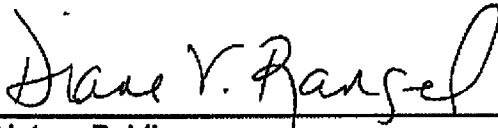

Notary Public



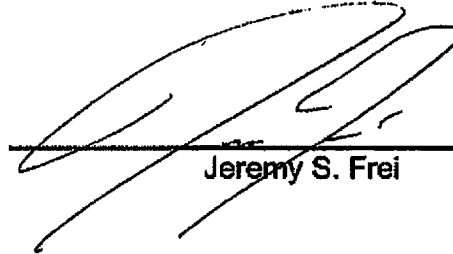
Date: 1-5-12

Scott D. SchellhammerUnited States of America)
State of Idaho) ss.:
County of Ada)

On this 5th day of January, 2012, before
me personally came Scott D. Schellhammer, to me known to be the individual
described in and who executed the foregoing instrument, and acknowledged execution
of the same.



Notary Public

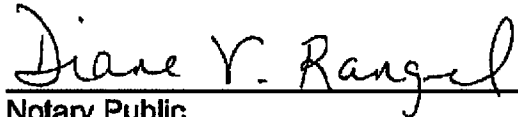
Date: 1/4/12

Jeremy S. Frei

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

On this 4th day of January, 2012, before
me personally came Jeremy S. Frei, to me known to be the individual described in and
who executed the foregoing instrument, and acknowledged execution of the same.





Notary Public