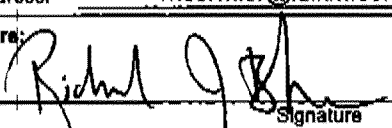


Form PTO-1595 (Rev. 03-11)
OMB No. 0651-0027 (exp. 03/31/2015)

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

<p>1. Name of conveying party(ies): Micron Technology, Inc.</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies)</p> <p>Name: <u>Round Rock Research, LLC</u></p> <p>Internal Address: _____</p> <p>Street Address: _____</p> <p>Suite 2100 101 Hudson Street</p> <p>City: <u>Jersey City</u></p> <p>State: <u>New Jersey</u></p> <p>Country: <u>United States of America</u> Zip: <u>07302</u></p> <p>Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of conveyance/Execution Date(s):</p> <p>Execution Date(s): <u>December 23, 2009</u></p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Change of Name</p> <p><input type="checkbox"/> Security Agreement <input type="checkbox"/> Joint Research Agreement</p> <p><input type="checkbox"/> Government Interest Assignment</p> <p><input type="checkbox"/> Executive Order 9424, Confirmatory License</p> <p><input type="checkbox"/> Other _____</p>	<p>4. Application or patent number(s): <input type="checkbox"/> This document is being filed together with a new application.</p> <p>A. Patent Application No.(s) <u>13/357,118</u></p> <p>B. Patent No.(s)</p> <p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>5. Name and address to whom correspondence concerning document should be mailed:</p> <p>Name: <u>Richard J. Botos</u> <u>LERNER, DAVID, LITTENBERG,</u> <u>KRUMHOLZ & MENTLIK, LLP</u></p> <p>Internal Address: <u>Atty. Dkt.:</u></p> <p>Street Address: <u>600 South Avenue West</u></p> <p>City: <u>Westfield</u></p> <p>State: <u>NJ</u> Zip: <u>07090</u></p> <p>Phone Number: <u>908-654-5000</u></p> <p>Fax Number: <u>908-654-7866</u></p> <p>Email Address: <u>mcormier@ldkm.com</u></p>	<p>6. Total number of applications and patents involved: 1</p> <p>7. Total fee (37 CFR 1.21(h) & 3.41) \$ <u>40.00</u></p> <p><input checked="" type="checkbox"/> Authorized to be charged to deposit account</p> <p><input type="checkbox"/> Enclosed</p> <p><input type="checkbox"/> None required (government interest not affecting title)</p>
<p>9. Signature:</p> <p> Signature</p> <p><u>Richard J. Botos - 32,016</u> Name of Person Signing</p>	<p>8. Payment Information</p> <p>Deposit Account Number <u>12-1095</u></p> <p>Authorized User Name <u>Richard J. Botos</u></p> <p>Date <u>July 12, 2013</u></p> <p>Total number of pages including cover sheet, attachments, and documents: 5</p>

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EXHIBIT A**CONFIRMATORY ASSIGNMENT OF PATENT RIGHTS**

This Confirmatory Assignment of Patent Rights (the "Agreement") is entered into this 30th day of December, 2009 (the "Closing Date"), by and between Micron Technology, Inc., a Delaware corporation ("Assignor"), and Round Rock Research, LLC, a Delaware limited liability company ("Assignee").

WHEREAS, Assignor and Assignee are party to that certain Patent Sale and Transfer Agreement dated on or about the date hereof (as in effect from time to time, the "Patent Sale and Transfer Agreement"); capitalized terms used but not otherwise defined in this Agreement shall have the respective meaning assigned thereto in the Patent Sale and Transfer Agreement;

WHEREAS, pursuant to the Patent Sale and Transfer Agreement, Assignor has agreed to sell, convey, transfer, assign and deliver to Assignee all of Assignor's (and its Subsidiaries') right, title and interest, including Patent Rights, in and to the Patents listed on Schedule A hereto (collectively, the "Assigned Patents");

WHEREAS, Assignee is now desirous of acquiring the entire and exclusive right, title and interest in and to the Assigned Patents in the United States and throughout the world; and

WHEREAS, Assignor is now willing to assign to Assignee all rights, title and interest in and to the Assigned Patents in the United States and throughout the world; and

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor hereby assigns, transfers and conveys to Assignee, its successors, legal representatives and assigns, and Assignee hereby accepts, all of Assignor's right, title and interest in the United States and throughout the world in and to the Assigned Patents and any and all Letters Patent that are or may be granted thereon, and any legal equivalent thereof that may be granted in any country or countries foreign to the United States, in each case including without limitation any extensions, substitutes, continuations, continuations-in-part, divisions, reissues, reexaminations, and renewals thereof, or other equivalents thereof, and further, all rights and privileges pertaining to the Assigned Patents and any and all Letters Patent that are or may be granted thereon, and any legal equivalent thereof that may be granted in any country or countries foreign to the United States, including, without limitation, the right, if any, to petition, sue or otherwise seek and recover damages, profits and any other remedy (monetary, injunctive, declaratory or other) in the United States and anywhere throughout the world for any past, present and future infringement thereof, conversion or misappropriation of, or other injury, offense, violation, breach of duty or wrong relating to, any of the Assigned Patents, or any license, agreement, contract or other matter relating thereto.

Assignor hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States of America and the appropriate officers of all other jurisdictions in which the Assigned Patents are or may be registered or in which applications included among the Assigned Patents are pending, to record the title of Assignee, its successors, legal representatives and assigns, as owner of all right, title and interest in and to the Assigned Patents, and to issue to Assignee, its successors, legal representatives and assigns, all Letters Patent and any legal

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PAGE 04

equivalent thereof that may be granted in any country or countries foreign to the United States and recordings of patent rights resulting from any application included among the Assigned Patents, in accordance with the terms of this instrument.

Except to the extent that federal law preempts state law with respect to the matters covered hereby, this Agreement shall be governed by and construed in accordance with the laws of the State of Delaware, without giving effect to any of the principles of conflicts of laws thereof that would result in the application of the laws of another jurisdiction to this Agreement.

This Agreement shall be binding on, and shall inure to the benefit of, the parties hereto and their respective successors and assigns, and may be executed in two or more counterparts, each of which shall be deemed to be an original, but all of which shall constitute one and the same agreement. Each of the parties hereto agrees to accept and be bound by facsimile signatures hereto.

Each party represents that it has taken all necessary action to authorize the execution and delivery of this Agreement.

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PAGE 05

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IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed by their respective duly authorized officers, as of the date first written above.

ASSIGNOR:

MICRON TECHNOLOGY, INC.

By: [Signature]
Name: Steven R. Appleton
Title: Chairman and CEO

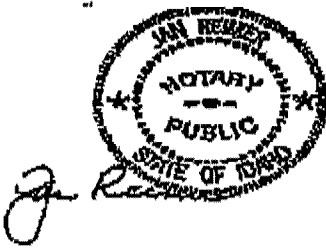
ASSIGNEE:

ROUND ROCK RESEARCH, LLC

By: [Signature]
Name: John Desmarais
Title: Manager

On this 23rd day of December, 2009, before me appeared Steven R. Appleton, the person who signed this instrument, who acknowledged that he/she signed it as a free act on his/her own behalf or on behalf of the Assignor with authority to do so.

State of IDAHO)
) ss.
County of Ada)



[Note that federal patent assignments must also include a cover sheet. See 37 C.F.R. 3.28]

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Schedule A Patents

MUEI-0564.00/US	US	27-Aug-02	CONNECTED SUPPORT ENTITLEMENT SYSTEM AND METHOD OF OPERATION	Issued	09-Jan-07 7162744	10/229,909
MUEI-0564.01/US	US	29-Sep-06	CONNECTED SUPPORT ENTITLEMENT SYSTEM METHOD OF OPERATION	Issued	25-Dec-07 7313826	11/540,181
PBIT-0004.00/US	US	23-Feb-98	INTERPOLATOR FOR A CMOS IMAGE SENSOR USING A DIGITAL REGISTER	Issued	09-Mar-04 6704049	09/028,961
PBIT-0004.01/US	US	10-Feb-04	INTERPOLATOR FOR A CMOS IMAGE SENSOR USING A DIGITAL REGISTER	Pending		10/774,603
PBIT-0010.00/US	US	23-Apr-99	DIGITAL EXPOSURE CIRCUIT FOR AN IMAGE SENSOR	Issued	14-Jun-05 6906745	09/298,306
PBIT-0010.01/US	US	05-May-05	DIGITAL EXPOSURE CIRCUIT FOR AN IMAGE SENSOR	Allowed		11/121,956
PBIT-0015.00/US	US	23-Mar-99	Increasing Readout Speed in CMOS APS Sensors through Block Readout	Issued	25-Jan-05 6847399	09/274,739
PBIT-0015.01/US	US	08-Nov-04	Increasing Readout Speed in CMOS APS Sensors through Block Readout	Allowed		10/983,083
PBIT-0015.02/US	US	25-Sep-09	Increasing Readout Speed in CMOS APS Sensors through Block Readout	Pending		
PBIT-0015.03/US	US	01-Oct-09	Increasing Readout Speed in CMOS APS Sensors through Block Readout	Pending		
PBIT-0027.00/RE	US	24-Apr-03	PULSE-CONTROLLED LIGHT EMITTING DIODE SOURCE	Pending		10/421,780
PBIT-0027.00/US	US	04-Feb-99	PULSE-CONTROLLED LIGHT EMITTING DIODE SOURCE	Issued	24-Apr-01 6222172	09/246,013
PBIT-0027.01/US	US	21-Nov-08	PULSE-CONTROLLED LIGHT EMITTING DIODE SOURCE	Pending		12/275,937
PBIT-0033.00/US	US	21-Jul-99	REDUCING INTERNAL BUS SPEED IN A BUS SYSTEM WITHOUT REDUCING READOUT RATE	Issued	12-Nov-02 6480921	09/359,068
PBIT-0049.00/US	US	19-Aug-99	LOCK-IN PINNED PHOTODIODE PHOTO-DETECTOR	Issued	29-May-01 6239456	09/378,565
PBIT-0049.01/RE	US	21-Sep-06	PINNED PHOTODIODE PHOTO-DETECTOR WITH COMMON BUFFER TRANSISTOR AND BINNING CAPABILITY	Allowed		11/524,495
PBIT-0049.01/US	US	29-May-01	LOCK-IN PINNED PHOTODIODE PHOTO-DETECTOR	Issued	21-Sep-04 6794214	09/867,846
PBIT-0049.02/RE	US	30-Mar-09	PINNED PHOTODIODE PHOTO-DETECTOR WITH COMMON BUFFER TRANSISTOR AND BINNING CAPABILITY	Pending		12/413,628
PBIT-0049.02/US	US	12-Jun-03	LOCK-IN PINNED PHOTODIODE PHOTO-DETECTOR	Issued	15-Jun-04 6750485	10/459,595
PBIT-0054.00/US	US	14-Oct-99	MICRO POWER MICRO-SIZED CMOS ACTIVE PIXEL	Issued	14-May-02 6388242	09/418,961
PBIT-0054.01/US	US	14-May-02	MICRO POWER MICRO-SIZED CMOS ACTIVE PIXEL	Issued	10-May-05 6891145	10/146,667
PBIT-0066.00/US	US	22-Dec-99	CONTOURED SURFACE COVER PLATE FOR IMAGE SENSOR ARRAY	Issued	07-Nov-06 7133076	09/470,284
PBIT-0066.01/US	US	19-Nov-03	CONTOURED SURFACE COVER PLATE FOR IMAGE SENSOR ARRAY	Issued	03-Mar-09 7499093	10/715,555
PBIT-0066.02/US	US	02-Feb-09	CONTOURED SURFACE COVER PLATE FOR IMAGE SENSOR ARRAY	Pending		12/364,402
PBIT-0089.00/RE	US	12-Jun-09	CMOS APS PIXEL SENSOR DYNAMIC RANGE INCREASE	Pending		12/484,039
PBIT-0089.00/US	US	31-Aug-00	CMOS APS PIXEL SENSOR DYNAMIC RANGE INCREASE	Issued	03-Oct-06 7116366	09/653,527
PBIT-0089.01/US	US	29-Jul-04	CMOS APS PIXEL SENSOR DYNAMIC RANGE INCREASE	Issued	12-Jun-07 7230646	10/901,114
PBIT-0089.02/US	US	29-Jul-04	CMOS APS PIXEL SENSOR DYNAMIC RANGE INCREASE	Issued	03-Oct-06 7116368	10/901,178
PBIT-0133.00/US	US	25-Oct-01	HIGH-SPEED DIGITAL TO ANALOG CONVERTER USING MULTIPLE STAGGERED SUCCESSIVE APPROXIMATION CELLS	Issued	11-Nov-03 6646583	10/061,938
PBIT-0133.01/RE	US	21-Jun-07	HIGH-SPEED DIGITAL TO ANALOG CONVERTER USING MULTIPLE STAGGERED SUCCESSIVE APPROXIMATION CELLS	Pending		11/812,785