

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT6755414

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MATTHEW S. THORUM	12/19/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	BROOKS, CAMERON & HUEBSCH, PLLC
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<b>State/Country:</b>	MINNESOTA
<b>Postal Code:</b>	55403
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	17344168
<b>CORRESPONDENCE DATA</b>	
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<b>Email:</b>	olson@bipl.net
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<b>ATTORNEY DOCKET NUMBER:</b>	1001.0840005[17-062001US]
<b>NAME OF SUBMITTER:</b>	BJORN A. JOHNSON
<b>SIGNATURE:</b>	/Bjorn A. Johnson/
<b>DATE SIGNED:</b>	06/10/2021
<b>Total Attachments: 2</b>	
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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In re Application of:  
Matthew S. Thorum**

**Docket No. 1001.0840001**

**Disclosure No. 2017-0620.00/US**

**Filed: Concurrently Herewith**

**For: RESIDUE REMOVAL**

**ASSIGNMENT**

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned does hereby:

SELL, ASSIGN, AND TRANSFER TO **Micron Technology, Inc.** (the "Assignee"), a corporation of Delaware, having a place of business at 8000 South Federal Way, Boise, Idaho 83716-9632, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewith and is entitled "RESIDUE REMOVAL"; such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States of America;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant mortgage, license, or other agreement affecting the right and property herein conveyed has been or will be made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT that, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney, and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for securing, maintaining, and enforcing proper patent protection for such improvements and for vesting title to such improvement in the Assignee;

TO BE BINDING on the heirs, assigns, representatives, and successors of the undersigned and extend to the successors, assigns, and nominees of the Assignee.

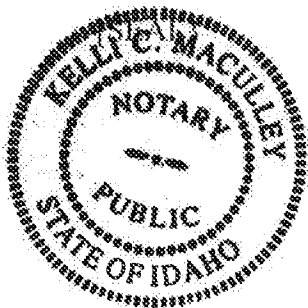
IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_ day of \_\_\_\_\_, 2017.

Matthew Thorum  
Matthew S. Thorum

Date: 12/19/2017

STATE OF Idaho )  
 ) ss.  
COUNTY OF Ada )

BEFORE ME, this 19<sup>th</sup> day of December, 2017 personally appeared the above-named individual, to me known to be the person who is described in and who executed the foregoing assignment instrument, and acknowledged to me that he/she executed the same of his/her own free will for the purpose therein expressed.



Kelly Maculley  
Notary or Consular Officer  
My Commission Expires 2/28/2018