

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4054211

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
SAMEER S. VADHAVKAR	07/09/2014
XIAO LI	07/09/2014
STEVEN K. GROOTHUIS	07/11/2014
JIAN LI	07/09/2014
JASPREET S. GANDHI	07/09/2014
JAMES M. DERDERIAN	07/09/2014
DAVID R. HEMBREE	07/09/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	MICRON TECHNOLOGY, INC.
<b>Street Address:</b>	8000 S. FEDERAL WAY
<b>Internal Address:</b>	P.O. BOX 6
<b>City:</b>	BOISE
<b>State/Country:</b>	IDAHO
<b>Postal Code:</b>	83707-0006
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15254586
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(206)359-7198
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	(206)359-8000
<b>Email:</b>	patentprocurement@perkinscoie.com
<b>Correspondent Name:</b>	PERKINS COIE LLP
<b>Address Line 1:</b>	P.O. BOX 1247
<b>Address Line 2:</b>	PATENT PROCUREMENT
<b>Address Line 4:</b>	SEATTLE, WASHINGTON 98111-1247
<b>ATTORNEY DOCKET NUMBER:</b>	010829-9107.US01
<b>NAME OF SUBMITTER:</b>	JANA BRATTON
<b>SIGNATURE:</b>	/Jana Bratton/

PATENT

<b>DATE SIGNED:</b>	09/15/2016
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**Total Attachments: 9**

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## ASSIGNMENT BY INVENTORS

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

- Sameer S. Vadavkar, having a mailing address of 4044 S. Federal Way, Apt. H103, Boise, Idaho 83716;
- Xiao Li, having a mailing address of 3398 S. Glen Falls Place, Boise, Idaho 83706;
- Steven K. Groothuis, having a mailing address of 9960 W Sandy River Drive, Boise, Idaho 83709;
- Jian Li, having a mailing address of 2357 S. Petra Avenue, Boise, Idaho 83709;
- Jaspreet S. Gandhi, having a mailing address of 1145 E. Rubicon Drive, Boise, Idaho 83716;
- James M. Derderian, having a mailing address of 5309 S. Hayseed Way, Boise, Idaho 83716; and
- David R. Hembree, having a mailing address of 11074 W. Edgehill Drive, Boise, Idaho 83709.

The Assignors invented one or more certain inventions (the "Invention(s)") described in an application for Letters Patent of the United States titled STACKED SEMICONDUCTOR DIE ASSEMBLIES WITH HIGH EFFICIENCY THERMAL PATHS AND ASSOCIATED SYSTEMS, 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 ("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 deems 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: 07/09/2014

*Sameer S. Vadhavkar*  
Sameer S. Vadhavkar

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

On this 9<sup>th</sup> day of July, 2014, before me personally came Sameer S. Vadhavkar, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

*Diane V. Rangel*  
Notary Public



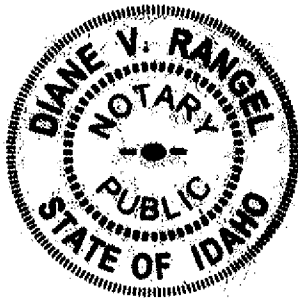
Date: 7/9/2014

Xiao Li  
Xiao Li

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

On this 9<sup>th</sup> day of July, 2014, before me personally came Xiao Li, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Diane V. Rangel  
Notary Public



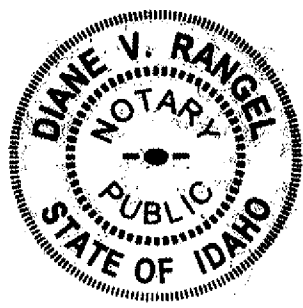
Date: July 11, 2014

Steven K. Groothuis  
Steven K. Groothuis

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

On this 11<sup>th</sup> day of July, 2014, before me personally came Steven K. Groothuis, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Diane V. Rangel  
Notary Public



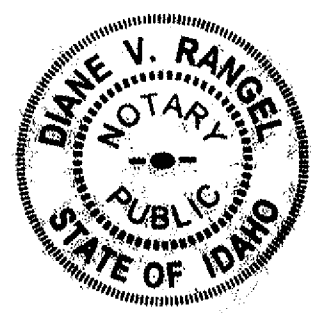
Date: July 09, 2014

Jian Li  
Jian Li

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

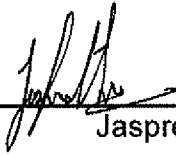
On this 9th day of July, 2014, before me personally came Jian Li, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Diane V. Rangel  
Notary Public





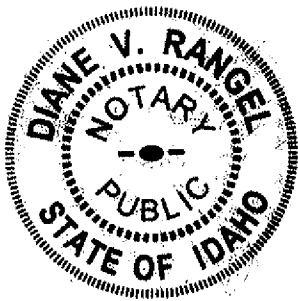
Date: 7/9/2014

  
\_\_\_\_\_  
Jaspreet S. Gandhi

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

On this 9th day of July, 2014, before me personally came Jaspreet S. Gandhi, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

  
\_\_\_\_\_  
Notary Public



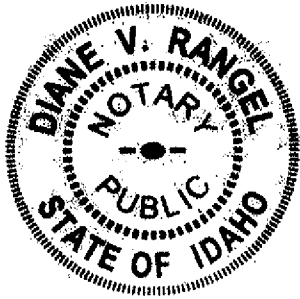
Date: 7/9/2014

James M. Derderian  
James M. Derderian

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

On this 9<sup>th</sup> day of July, 2014, before me personally came James M. Derderian, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Diane V. Rangel  
Notary Public

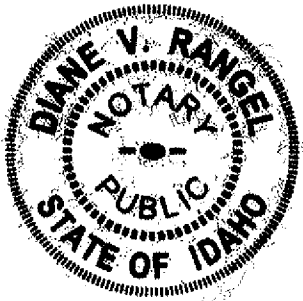


Date: 7/9/14

David R. Hembree  
David R. Hembree

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

On this 9th day of July, 2014, before me personally came David R. Hembree, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Diane V. Rangel  
Notary Public