504542799 09/12/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4589506

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
STEVEN G. WURZER	09/11/2017
NEIL PETRIE	09/11/2017
JOSEPH P. KERZMAN	09/11/2017
KEVIN R. DUNCAN	09/11/2017

RECEIVING PARTY DATA

Name:	MICRON TECHNOLOGY, INC.	
Street Address:	8000 SOUTH FEDERAL WAY	
City:	BOISE	
State/Country:	IDAHO	
Postal Code:	83716-9632	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15701689

CORRESPONDENCE DATA

Fax Number: (612)659-9344

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.

 Phone:
 612-659-9340

 Email:
 hilden@bipl.net

Correspondent Name: BROOKS, CAMERON & HUEBSCH, PLLC

Address Line 1: 1201 MARQUETTE AVENUE SOUTH, SUITE 400

Address Line 4: MINNEAPOLIS, MINNESOTA 55403

ATTORNEY DOCKET NUMBER:	1005.0820001[17-006000US]	
NAME OF SUBMITTER:	JACOB T. KERN	
SIGNATURE:	/Jacob T. Kern/	
DATE SIGNED:	09/12/2017	

Total Attachments: 5

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> PATENT REEL: 043555 FRAME: 0027

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> PATENT REEL: 043555 FRAME: 0028

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Steven G. Wurzer, et al. Docket No. 1005.0820001

Disclosure No. 2017-0060.00/US

Filed: Concurrently Herewith

For: PHASE INTERPOLATOR

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 "PHASE INTERPOLATOR"; 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;

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PATENT REEL: 043555 FRAME: 0029

Attorney Docket No.: 1005.0820001 [2017-0060.00/US]

Serial No.: Not Yet Assigned Filing Date: Concurrently Herewith

WARRANT AND CONVENANT 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 <u>II</u> day of <u>SEPTEMBER</u> 2017.

Steven G. Wurzer

STATE OF MILLIPERCIA)

COUNTY OF HADUERIN)

BEFORE ME, this May of SEPTEMBETZ, 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.

[SEAL]

INAN O VOST Redary Public Minnesota My Comm. Expires Jan 31, 2020 Notary or Consular Officer

My Commission Expires DI

Page 2 of 5

Attorney Docket No.: 1005,0820001 [2017-0060,00/US]

Serial No.: Not Yet Assigned Filing Date: Concurrently Herewith

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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 11 day of 2017.

Veil Vetrus Date: 11th September 2017

STATE OF MINWES DITA

COUNTY OF HEWVER ,

free will for the purpose therein expressed.

[SEAL]

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Any Committee Indices

July Committee Indices

July 31 , 2020

Notary or Consular Officer

My Commission Expires

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Attorney Docket No.: 1005.0820001 [2017-0060,00/US]

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IN TESTIMONY WHEREOF, I have hereunto set my hand this 11 day of Septem 2017.

STATE OF

COUNTY OF 1

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Notary or Consular Officer My Commission Expires

[SEAL]

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Attorney Docket No.: 1005,0820001 [2017-0060,00/US]

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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 $\sqrt{2010^{-66}}$, 2017.

Kevin R. Duncan

Date: 9/11/2017

STATE OF

MINUSTERM

COUNTY OF HENDERWAY

[SEAL]

HAW D VOST Hother Minnesots My Comm. Expires Jan 31, 2020

Notary or Consular Officer

My Commission Expires 01 31 2010

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