504541714 09/11/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT4588421 Stylesheet Version v1.2

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
FA-LONG LUO	09/05/2017
TAMARA SCHMITZ	09/05/2017
JEREMY CHRITZ	09/08/2017
JAIME CUMMINS	09/08/2017

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:	15701007

CORRESPONDENCE DATA

Fax Number: (206)299-9288

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.

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Email: ip.docket.se@dorsey.com

Correspondent Name: DORSEY & WHITNEY LLP-IP DEPT.-MTI

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ATTORNEY DOCKET NUMBER: P265790.US.01

NAME OF SUBMITTER: BRANDON P. HEGSTROM

SIGNATURE: /Brandon P. Hegstrom/

DATE SIGNED: 09/11/2017

Total Attachments: 5

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PATENT 504541714 REEL: 043547 FRAME: 0861

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PATENT REEL: 043547 FRAME: 0862

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

FA-LONG LUO, TAMARA
SCHMITZ, JEREMY CHRITZ, and JAIME
CUMMINS

Filed: Concurrently herewith

For: FULL DUPLEX DEVICE-TO-DEVICE
COOPERATIVE COMMUNICATION

A S S I G N M E N T:

X Enclosed for recording
Previously recorded
Date:
Reel:

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 "FULL DUPLEX DEVICE-TO-DEVICE COOPERATIVE COMMUNICATION"; 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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WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the 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 improvements 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.

By:

FA-LONG LUO

NOTARIZATION

A Notary Public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

STATE OF CALIFORNIA

COUNTY OF SANJA CICAL

SS.

On Johnson 5,3017, 2017, before me, brance metton (insert name and title of the officer or Notary Public), personally appeared FA-LONG LUO, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

SUZANNE A. MCHUGH COMM. #2145433 lotary Public - California Santa Clara County Comm. Expires Mar. 26, 2020



NOTARIZATION

A Notary Public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

STATE OF CALIFORNIA	,
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SŚ.

On Sphules, 2017, before me, Stanker Miller (insert name and title of the officer or Notary Public), personally appeared TAMARA SCHMITZ who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that she executed the same in her authorized capacity, and that by her signature on the instrument the person or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature(

SUZANNE A. MCHUGH
GOMM: #2145433
Notary Public - California
Santa Clara County
My Comm. Expires Mar. 26, 2020

JEREMY CHRITZ	Date: 9/8/17
STATE OF WASHINGTON)	
above-named individual, to me	this this day of <u>Ceptember</u> , 2017, personally appeared the known to be the person who is described in and who executed the ent and acknowledged to me that he executed the same of his own n expressed.
SEAL DENISE M. SHERIDAN STATE OF WASHINGTON NOTARY PUBLIC MY COMMISSION EXPIRES 02-11-18	Notary or Consular Officer My Commission Expires 2 11 2018

_	Date: 9.8.2017 LAHME CUMMINS
	STATE OF WASHINGTON)
	County of Viva) ss.
	BEFORE ME, this 21 day of Leptember, 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 Devin St
	Notary or Consular Officer My Commission Expires 2 11 2018
	DENISE M. SHERIDAN STATE OF WASHINGTON My Commission Expires 2 11 20 18

NOTARY PUBLIC MY COMMISSION EXPIRES 02-11-18

RECORDED: 09/11/2017

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