#### 504646387 11/16/2017

# PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE:      | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT     |

#### **CONVEYING PARTY DATA**

| Name          | Execution Date |
|---------------|----------------|
| XIAOJIANG GUO | 04/29/2016     |
| QIANG TANG    | 04/29/2016     |

#### **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: | 15815037 |

#### CORRESPONDENCE DATA

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| ATTORNEY DOCKET NUMBER: | P257771.US.03  |
|-------------------------|----------------|
| NAME OF SUBMITTER:      | RONALD STERN   |
| SIGNATURE:              | /Ronald Stern/ |
| DATE SIGNED:            | 11/16/2017     |

## **Total Attachments: 3**

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**PATENT** REEL: 044153 FRAME: 0885 504646387

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| In re Application of:  Xiaojiang Guo and Qiang Tang  Filed: Concurrently herewith    | Docket No. P257771.US.01  Disclosure No. 2015-0517.00/US |
|--|--|
| For : APPARATUSES AND METHODS FOR MIXED CHARGE PUMPS WITH VOLTAGE REGULATOR CIRCUITS |  |
| ASSIGN  _X_ Enclosed for recording   | MENT:  |
| Previously recorded Date:  |  |

Reel:

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned do 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 "APPARATUSES AND METHODS FOR MIXED CHARGE PUMPS WITH VOLTAGE REGULATOR CIRCUITS"; 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 rights and property herein conveyed has been or will be made to

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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:

Xiaojiang Guo

### 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.

COUNTY OF Son to Cloca )

SS.

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
COMM. #2145433
Notary Public - California
Santa Clara County
My Comm. Expires Mar. 26, 2020

Ву:

Qiang Tang

# **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 Santa Clara

SS.

On Analy 7, 2016, before me, Want A Mark meet name and title of the officer or Notary Public), personally appeared Qiang Tang, 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.

Signature

SUZANNE A. McHUGH
COMM. #2145433
Notary Public - California
Santa Clara County
Ay Comm. Expires Mar. 25, 2020

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**RECORDED: 11/16/2017**