504709044 12/29/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4755766

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

CONVEYING PARTY DATA

| Name | Execution Date |
|-----------|----------------|
| DEAN GANS | 12/12/2017 |

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: | 15834892 |

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.

Phone: 2069038800

Email:ip.dorsey.se@dorsey.comCorrespondent Name:DORSEY & WHITNEY LLPAddress Line 1:701 5TH AVENUE, SUITE 6100Address Line 4:SEATTLE, WASHINGTON 98104

| ATTORNEY DOCKET NUMBER: | P262826US03 |
|-------------------------|--------------|
| NAME OF SUBMITTER: | KIMTON ENG |
| SIGNATURE: | /Kimton Eng/ |
| DATE SIGNED: | 12/29/2017 |

Total Attachments: 2

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PATENT 504709044 REEL: 044508 FRAME: 0820

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| In re Application of: | |
|---|--------------------------------|
| Dean Gans | Docket No. P262826.US.03 |
| For : APPARATUSES AND METHODS FOR CALIBRATING ADJUSTABLE IMPEDANCES OF A SEMICONDUCTOR DEVICE | Disclosure No. 2015-0665.01/US |
| | |

ASSIGNMENT:

| <u>X</u> | 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 U.S. provisional patent application which was filed December 9, 2016 and assigned Application No. 62/432,494 and is entitled "APPARATUSES AND METHODS FOR CALIBRATING ADJUSTABLE IMPEDANCES OF A SEMICONDUCTOR DEVICE,"; such application and all non-provisional, 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 to claim priority based on such application filed 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.

Dean Gans

Date: 12/12/17

STATE OF IDAHO

County of Ada) ss

BEFORE ME, this day of locume, 20, 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 executed the same of his own free will for the purpose therein expressed.

Notary or Consular Officer

My Commission Expires My Commission Expires: 08/28/2020