503172034 02/09/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3218649

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

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------------|----------------|
| JASPREET S GANDHI | 02/02/2015 |
| JAMES M DERDERIAN | 02/09/2015 |
| SAMEER S VADHAVKAR | 02/02/2015 |
| JIAN LI | 02/02/2015 |

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: | 14617375 |

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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Correspondent Name: DORSEY & WHITNEY LLP - IP DOCKETING

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Address Line 2: SUITE 6100

Address Line 4: SEATTLE, WASHINGTON 98104-7042

| ATTORNEY DOCKET NUMBER: | P248829.US.01 |
|-------------------------|-----------------------|
| NAME OF SUBMITTER: | DENTON W. MCALISTER |
| SIGNATURE: | /Denton W. McAlister/ |
| DATE SIGNED: | 02/09/2015 |

Total Attachments: 4

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PATENT 503172034 REEL: 034922 FRAME: 0510

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PATENT REEL: 034922 FRAME: 0511

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| In re Application of: JASPREET S. GANDHI, JAMES M. DERDERIAN, SAMEER S. VADHAVKAR, and JIAN LI | Docket No. P248829.US.01 Disclosure No. 2014-0439.00/US |
|---|--|
| Filed: Concurrently herewith | |
| For : BONDING PADS WITH THERMAL PATHWAYS | |
| ASSIGN | MENT: |

_____ 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 "BONDING PADS WITH THERMAL PATHWAYS"; 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 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.

JASPREET S. GANDHI

Date: $\frac{2/2}{2^{3}}$

STATE OF IDAHO)

) ss.

County of Ada)

BEFORE ME, this 2nd day of 15 ruary, 2015, 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

Diane V. Range Notary or Consular Officer,

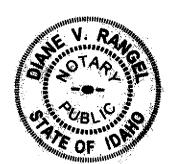
Notary or Consular Officer
My Commission Expires 6-30-17



| JAMES M. DERDERIAN | Date: 2/9/2015 |
|--|--|
| STATE OF IDAHO | |
| County of Ada) ss. | |
| the foregoing assignment instrument and acking the purpose therein experience with the purpose with the purpose th | of February, 2015, personally appeared to the person who is described in and who executed nowledged to me that he/she executed the same of expressed. The Consular Officer mission Expires (-30-17) |
| SAMEER S. VADHAVKAR | Date: 2/2/2015 |
| STATE OF IDAHO) County of Ada) ss. | ngarina, |
| the above-named individual, to me known to be | of torugy, 2015, personally appeared the person who is described in and who executed nowledged to me that he/she executed the same of appeared. |
| SEAL | e Y. Rangel |
| | r Consular Officer mission Expires 6-30-17 |
| | enabelves Assignative We |

| JIAN LI | Date: _ | Feb | zud, 2015 |
|--|---------------------|------------|----------------------------|
| 11VIA TY | | | |
| STATE OF IDAHO) | • | | |
| County of Ada) ss. | | | |
| BEFORE ME, this Znd day of February, individual, to me known to be the person who is | , 20 <u>/</u> 5 , p | personally | appeared the above-named |
| individual, to me known to be the person who is | s described | l in and v | who executed the foregoing |
| assignment instrument and acknowledged to me | that he/sh | e execute | ed the same of his/her own |
| free will for the purpose therein expressed. | | | |

SEAL



Notary or Consular Officer
My Commission Expires