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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3311411

| | | NEW ASSIGNMENT | | |
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| NATURE OF CONVEYANCE: | | ASSIGNMENT | | |
| CONVEYING PARTY | DATA | | | |
| | | Name | Execution | Date |
| GIRI P MUDUSURU | | | 02/20/2015 | |
| VINCENT J ZIMMER | | | 03/30/2015 | |
| KARUNAKARA KOTA | RY | | 02/10/2015 | |
| RONALD N STORY | | | 03/24/2015 | |
| ROBERT C SWANSO | N | | 03/05/2015 | |
| ISAAC W ORAM | | | 03/03/2015 | |
| RECEIVING PARTY D | ΑΤΑ | | | |
| Name: | INTEL (| CORPORATION | | |
| Street Address: | 2200 M | ISSION COLLEGE BLVD. | | |
| City: | SANTA | CLARA | | |
| State/Country: | CALIFO | DRNIA | | |
| Postal Code: | 95054 | | | |
| | | | | |
| PROPERTY NUMBER Property Type | | Number | | |
| | e | Number 14312017 | | |
| Property Type Application Number: | e | | | |
| Property Type | e DATA | 14312017 | | |
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| Property Type Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will</i> | e DATA be sent to if provideo | (603)668-6560 | | ent |
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| Property Type Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will using a fax number, i</i> Phone: Email: Correspondent Name | e DATA be sent to if provideo | 14312017 (603)668-6560 6 <i>the e-mail address first; if that</i> <i>I; if that is unsuccessful, it will k</i> (520) 339-6522 INTELDOCS_DOCKETING@CP/ EDMUND P. PFLEGER | be sent via US Mail. | ənt |
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Total Attachments: 12

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In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned inventor(s):

GIRI P. MUDUSURU; VINCENT J. ZIMMER; KARUNAKARA KOTARY; RONALD N. STORY; ROBERT C. SWANSON; ISAAC W. ORAM

hereby sell, assign, and transfer to:

Intel Corporation

a corporation of Delaware, having a principal place of business at 2200 Mission College Boulevard, Santa Clara, California, 95054 USA ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all other countries, in and to any and all inventions and improvements that are disclosed in the application for the patent entitled:

FIRMWARE INTERFACE WITH DURABLE MEMORY STORAGE

(I hereby authorize and request any attorney having appropriate authority from the assignce to insert on the designated lines below, the filing date and application number of said application when known.)

| which was filed on | June 23, 2014 | | as | |
|-----------------------|------------------|--------------------|------------|---------|
| US COUNTRY or late | rnational Office | Application Number | 14/312.017 | and |

which has been executed by the undersigned prior hereto or concurrently herewith on the date(s) indicated below,

and in and to said application and all Additional Applications, and all other patent applications that have been or shall be filed in the United States and all other countries and international filing offices on any of said inventions and improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all other countries and international filing offices on said inventions and improvements; and in and to all rights of priority resulting from the filing of said applications; as used herein "Additional Applications" includes but is not limited to design, utility, utility model, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and national phase applications on said inventions and improvements;

and agree that said Assignee may apply for and receive a patent or patents for said inventions and improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all Additional Applications, and all other patent applications on any and all said inventions and improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and legal representatives all facts known to the undersigned relating to said inventions and improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or legal representatives in securing and

Page 1 of 2

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covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Girl P. Mudusuru

02/20/2015 Date signed

Vincent J. Zimmer

Date signed

Date signed

Karunakara Kotary

Ronald N. Story

Robert C. Swanson

Isaac W. Oram

Date signed

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| Girí P. Mudusuru | Date signed |
|-------------------|-------------|
| C < (I()) | 3130110 |
| Vincent J. Zimmer | Date signed |
| Karunakara Kotary | Date signed |
| Ronald N. Story | Date signed |
| Robert C. Swanson | Date signed |
| Isaac W. Oram | Date signed |

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| Robert C. Swanson | Date signed |
| Isaac W. Oram | Date signed |

Attorney Docket No.: P65870

ASSIGNMENT

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-5-2015

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| Robert C. Swanson | Date signed |
| Jean Gary | 3-3-2015 |
| new the second | 5 No. 2010 - 10 - 10 - 10 - 10 - 10 - 10 - 10 |

Isaac W. Oram

Date signed