### 07/01/2015 503374712

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3421334

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

### **CONVEYING PARTY DATA**

| Name                    | Execution Date |
|-------------------------|----------------|
| ATUL KHARE              | 05/20/2015     |
| LEENA PUTHIYEDATH       | 01/06/2014     |
| ASIT MALLICK            | 05/11/2015     |
| JIM COKE                | 04/07/1992     |
| MICHAEL MISHAELI        | 12/26/2013     |
| GILBERT NEIGER          | 01/17/2014     |
| VIVEKANANTHAN SANJEEPAN | 01/06/2014     |
| JASON BRANDT            | 01/08/2014     |

# **RECEIVING PARTY DATA**

| Name:           | INTEL CORPORATION              |
|-----------------|--------------------------------|
| Street Address: | 2200 MISSION COLLEGE BOULEVARD |
| City:           | SANTA CLARA                    |
| State/Country:  | CALIFORNIA                     |
| Postal Code:    | 95054                          |

# **PROPERTY NUMBERS Total: 1**

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 14076341 |

### **CORRESPONDENCE DATA**

(612)332-8352 Fax Number:

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.

intelinhouse@cpaglobal.com Email:

INTEL CORPORATION Correspondent Name:

Address Line 1: C/O CPA GLOBAL PO BOX 52050 Address Line 2:

Address Line 4: MINNEAPOLIS, MINNESOTA 55402

| NAME OF SUBMITTER: | MEHAK CHAWLA   |
|--------------------|----------------|
| SIGNATURE:         | /Mehak Chawla/ |
| DATE SIGNED:       | 07/01/2015     |

**PATENT** REEL: 035959 FRAME: 0536 503374712

# Total Attachments: 14 source=P55017\_Fully Executed Assignment#page1.tif source=P55017\_Fully Executed Assignment#page2.tif source=P55017\_Fully Executed Assignment#page3.tif source=P55017\_Fully Executed Assignment#page4.tif source=P55017\_Fully Executed Assignment#page5.tif source=P55017\_Fully Executed Assignment#page6.tif source=P55017\_Fully Executed Assignment#page7.tif source=P55017\_Fully Executed Assignment#page8.tif source=P55017\_Fully Executed Assignment#page9.tif source=P55017\_Fully Executed Assignment#page10.tif source=P55017\_Fully Executed Assignment#page11.tif source=P55017\_Fully Executed Assignment#page12.tif source=P55017\_Fully Executed Assignment#page13.tif source=P55017\_Fully Executed Assignment#page13.tif source=P55017\_Fully Executed Assignment#page14.tif

PATENT REEL: 035959 FRAME: 0537

# <u>ASSIGNMENT</u>

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

# ATUL KHARE; LEENA PUTHIYEDATH; ASIT MALLICK; JIM COKE; MICHAEL MISHAELI; GILBERT NEIGER; VIVEKANANTHAN SANJEEPAN; JASON BRANDT

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:

### COMPACTED CONTEXT STATE MANAGEMENT

| •     | by authorize and request any attorno<br>ated lines below, the filing date and a |                              | •                                    | on the |
|-------|---|------------------------------|--------------------------------------|--------|
|       | which was filed on November 1   | 1, 2013 as                   |                                      |        |
|       | US<br>COUNTRY or International Office   | Application Number           | 14/076,341                           | and    |
| which | has been executed by the undersigned r  | prior hereto or concurrently | herewith on the date(s) indicated be | low,   |

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

assigns, and legal representatives; and improvements, and all applications for patents and all patents on said improvements, in said Assignes, its successors, minimizing proper patent protection for said inventions and improvements and for vesting title to said inventions and

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

| ATULKHARE  *********************************** |             |
|--|-------------|
|  | Date signed |
| ASIT MALLICK                                   | Date signed |
| JIM COKK                                       | Date signed |
| MICHAEL MISHAELI                               | Date signed |
| GH.BERT NEIGER                                 | Date signed |
| VIVEKANANTHAN SANJEEPAN                        | Date signed |
| JASON BRANDY                                   | Date signed |

PATENT REEL: 035959 FRAME: 0539

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|-------|---|------------------------------------|------------------------------|--------------|
|       | which was filed on November   | er 11, 2013 as                     |                              |              |
|       | US COUNTRY or International Off   | <del></del> 11                     | 14/076,341                   | and          |
| which | has been executed by the undersigned  | ed prior hereto or concurrently he | rewith on the date(s) indica | ted 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;

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maintaining proper patent protection for said inventions and improvements and for vesting title to said inventions and improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

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.

| ATUL KHARE                            | Date signed                  |     |  |
|---------------------------------------|------------------------------|-----|--|
| LEENA PUTHIYEDATH                     | Jan 6 2013 2014  Date signed | Жı, |  |
| ASIT MALLICK                          | Date signed                  |     |  |
| JIM COKE                              | Date signed                  |     |  |
| MICHAEL MISHAELI                      | Date signed                  |     |  |
| GILBERT NEIGER                        | Date signed                  |     |  |
| Karjeepan                             | 01/06/2014                   |     |  |
| VIVERANANTHAN SANJEEPAN               | Date signed                  |     |  |
| · · · · · · · · · · · · · · · · · · · | During 1                     |     |  |
| JASON BRANDT                          | Date signed                  |     |  |

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### COMPACTED CONTEXT STATE MANAGEMENT

| <br>(I hereby authorize and request any attorne;<br>designated lines below, the filing date and ap |                    |            | m the |
|--|--------------------|------------|-------|
| which was filed on November 11   | .2013 as           |            |       |
| COUNTRY or International Office  | Application Number | 14/076,341 | 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 filled 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;

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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.

| ATUL KHARE              | Date signed |
|-------------------------|-------------|
| LEENA PUTHIYEDATH       | Date signed |
| Maleria                 | 5/11/2015   |
| ASIŤ MALLICK            | Date signed |
| JIM COKE                | Date signed |
| MICHAEL MISHAELI        | Date signed |
| GILBERT NEIGER          | Date signed |
| VIVEKANANTHAN SANJEEPAN | Date signed |
| JASON BRANDT            | Date signed |

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# COMPACTED CONTEXT STATE MANAGEMENT

| (I hereby authorize and re | equest any attorney ha   | ving appropriate authori | ity from the assignee | to insert on the |
|----------------------------|--------------------------|--------------------------|-----------------------|------------------|
| designated lines below, th | e filing date and applic | ation number of said ap  | plication when knows  | n.)              |

| which was filed on November 11  | . 2013 as          |            |       |
|---------------------------------|--------------------|------------|-------|
| US                              | Application Number | 14/076,341 | _ and |
| COUNTRY or International Office |                    |            |       |

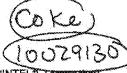
which has been executed by the undersigned prior hereto or concurrently herewith on the date(s) indicated below,

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;

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# Corporate **NEO Decur**

# employee agreeme!



In exchange for being employed by Intel Corporation, its subsidiaries, affiliates, or successors (hereinafter "INTEL"), 1

- 1. While working for INTEL: I will perform my assigned duties and comply with all INTEL policies, procedures, guidelines, rules and instructions including Intel's Business Code of Conduct.
- 2. Without additional compensation, I will promptly disclose and, to the full extent allowed by law, assign to INTEL all rights to which I may be entitled with respect to designs, trademarks, copyrights, maskworks, discoveries, formulae, processes, manufacturing techniques, trade secrets, inventions, improvements, ideas or copyrightable works: (i) relating to INTEL's business, whether or not developed during normal working hours; or (ii) which were developed with the use or aid of any INTEL equipment, supplies, or tacilities; or (iii) which used any proprietary or confidential information of INTEL or proprietary or confidential information of a third party, access to which I obtained through INTEL \*\*
- 3. I am not conveying rights in inventions I made prior to working for INTEL, which inventions have been identified as of my hire date in a written document which contains no confidential information. Furthermore, I am not required to assign any invention to INTEL where no INTEL equipment, supplies, facilities, or trade secret information was used and which was developed entirely on my own time and (a) which does not relate to (1) INTEL's business or (2) to INTEL's actual or demonstrably anticipated research or development, and (b) which does not result from my INTEL work.
- 4. At all times, both during and after my INTEL employment, I will do whatever is reasonably requested by INTEL, at INTEL's expense, to sasist INTEL in obtaining and enforcing INTEL's rights throughout the world with respect to the assignments which I have made or am obligated to make to INTEL under this Agreement.
- 5. At all times, both during and after my employment by INTEL, I will hold in confidence and will not use (except for the benefit of INTEL) or disclose without INTEL's written authorization any information (technical or otherwise) I had access to or created during the period of my employment which pertains to any aspect of INTEL's business and is either unknown to actual or potential competitors of INTEL or is proprietary or confidential information of INTEL, its customers, or its suppliers, until such information either becomes generally known outside INTEL by legal means, or for the maximum period of time for maintaining trade secrets as permitted by law in the state in which I am employed, if such period is shorter. I agree not to make unauthorized copies of such confidential information and to return to INTEL upon my termination, or upon INTEL's request, all tangible forms of such confidential information including drawings, computerized data or programs, specifications, documents, devices, models, list of employees, or any other INTEL confidential material.
- At all times I will treat confidential information of third parties to which I have had access during my employment by INTEL according to the terms of any agreement between INTEL and the third parties respecting such third party confidential information.
- I represent that I have not brought and will not bring to INTEL or use in the performance of my duties at INTEL any proprietary or confidential information (whether or not in writing) of a former employer or third party without the employer's or third party's written authorization.
- 8. This Agreement (a) survives my employment by INTEL, (b) does not in any way restrict my right or the right of INTEL to terminate my employment at will, (c) incres to the benefit of successors and assigns of INTEL, and (d) is binding upon my heirs and legal representatives.
- 8. To the best of my information and belief, I am not a party to any other agreement which will interfere with my full compliance with this Agreement, except as specifically identified as of my hire date in a written document which contains no confidential information.

10. I certify and acknowledge that I have carefully read all of the provisions of this Agreement and that I understand and will fully and faithfully comply with such provisions.

Intel and employee can negotiate and may agree in a separate agreement to employee retaining or acquiring rights in certain inventions.

F. THOMAS DUNLAP,

Vice President, General Counsel and Secretary

Printed Name (please print clearly)

Social Security Number

WHITE COPY - Intel

**CANARY COPY - Employ** 

(11/01)

# **ASSIGNMENT**

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

ATUL KHARE; LEENA PUTHIYEDATH; ASIT MALLICK; JIM COKE; MICHAEL MISHAELI; GILBERT NEIGER; VIVEKANANTHAN SANJEEPAN; JASON BRANDT

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# COMPACTED CONTEXT STATE MANAGEMENT

|  | y having appropriate authority from the assignee to insert on the |
|--|---|
| designated lines below, the filing date and ap | oplication number of said application when known.)                |

| which was filed on <u>November 11</u> | . 2013 as          |            |     |
|---------------------------------------|--------------------|------------|-----|
| ŲS                                    | Application Number | 14/076.341 | and |
| COUNTRY or International Office       | ••                 |            |     |

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 filled 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;

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| ATEL KHARE              | Date signed   |
|-------------------------|---------------|
| LEENA PUTHIYEDATH       | Date signed   |
| ASTT MALLICK            | Date signed   |
| .IIM COKE               | Date signed   |
| Model                   | 26- Dec - 201 |
| MICHAEL MISHAELI        | Date signed   |
| GH.BERT NEIGER          | Date signed   |
| VIVEKANANTHAN SANJEEPAN | Date signed   |
| JASON BRANDT            | Date signed   |

Page 2 of 2

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| which was filed on <u>Nover</u> | nber 11, 2013 as   |            |     |
|---------------------------------|--------------------|------------|-----|
| US                              | Application Number | 14/076,341 | and |
| COUNTRY or International        | Office             |            |     |

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| ATUL KHARE              | Date signed |
|-------------------------|-------------|
| LEENA PUTHIYEDATH       | Date signed |
| ASIT MALLICK            | Date signed |
| ЛМ СОКЕ                 | Date signed |
| MICHAEL MISHAELI        | Date signed |
| Se 20                   | 1/17/2014   |
| GILBERT NEIGER          | Date signed |
|                         | V           |
| VIVEKANANTHAN SANJEEPAN | Date signed |
| JASON BRANDT            | Date signed |

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COUNTRY or international Office

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| designated lines be | low, the film | g date and application number of said x | pplication when known.) |         |
|---------------------|---------------|---|-------------------------|---------|
| which was           | filed on      | <u>Sovember 11, 2013</u> as             |                         |         |
|                     | 233           | Amelika at lean Kilopakoo               | tawiy tar               | e in in |

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maintaining proper patent protection for said inventions and improvements and for vesting title to said inventions and improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

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.

| ATUL KHARE              | Date signed |
|-------------------------|-------------|
| LEENA PUTHIYEDATH       | Date signed |
| ASIT MALLICK            | Date signed |
| JIM COKE                | Date signed |
| MICHAEL MISHAELI        | Date signed |
| GILBERT NEIGER          | Date signed |
| VIVERANANTHAN SANJEEPAN | Date signed |
| JASON BRANDT            | Date signed |

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