

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT3916967

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
AMOL A. KULKARNI	03/21/2013
GYAN PRAKASH	02/08/2016
JAYANT MANGALAMPALLI	05/31/2016
VANI YALAPALLI	03/22/2013
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	INTEL CORPORATION
<b>Street Address:</b>	2200 MISSION COLLEGE BLVD.
<b>City:</b>	SANTA CLARA
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	95054
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	13992030
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<i>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.</i>	
<b>Email:</b>	REQUEST@SLWIP.COM
<b>Correspondent Name:</b>	SCHWEGMAN LUNDBERG & WOESSNER, P.A.
<b>Address Line 1:</b>	PO BOX 2938
<b>Address Line 4:</b>	MINNEAPOLIS, MINNESOTA 55402-0938
<b>ATTORNEY DOCKET NUMBER:</b>	884.M68US1
<b>NAME OF SUBMITTER:</b>	LINN LEIFERMAN
<b>SIGNATURE:</b>	/Linn Leiferman/
<b>DATE SIGNED:</b>	06/14/2016
<b>Total Attachments: 7</b>	
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RECORDATION FORM COVER SHEET  
PATENTS ONLY

Atty Ref/Docket No.: 884.M68US1

Patent and Trademark Office

To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Amol A. Kulkarni, Gyan Prakash, Jayant Mangalampalli, Vani Yalapalli

Additional name(s) of conveying party(ies) attached?

Yes  No

3. Nature of conveyance:

Assignment

Merger

Security Agreement

Change of Name

Other

Execution Date: March 21, 2013, February 8, 2016, May 31, 2016, March 22, 2013

2. Name and address of receiving party(ies):

Name: Intel Corporation

Street Address: 2200 Mission College Blvd.

City: Santa Clara State: CA Zip: 95054

Country: United States of America

Additional name(s) & address(es) attached?  Yes  No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

B. Patent No.(s)

Serial No. 13/992,030, Filed June 6, 2013

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Vadim Braginsky

Address:

Schwegman Lundberg & Woessner, P.A.

P.O. Box 2938

Minneapolis, MN 55402--0938

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 0.00

Enclosed

Authorized to be charged to deposit account  
504238

8. Please charge any additional fees or credit any over payments to our Deposit Account No.: 504238

**DO NOT USE THIS SPACE**

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Vadim Braginsky/Reg. No. 58,031

/Vadim Braginsky/

June 14, 2016

Name of Person Signing

Signature

Date

Total number of pages including cover sheet: 7

Mail documents to be recorded with required cover sheet information to:

**Commissioner of Patents and Trademarks**  
**Mail Stop Assignment Recordation Services**  
**P.O. Box 1450**  
**Alexandria, VA 22313-1450**

**PATENT**  
**REEL: 038909 FRAME: 0241**

*Attorney Docket No.: P53848PCT*

## **ASSIGNMENT**

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

**Amol A. KULKARNI, Gyan PRAKASH, Jayant MANGALAMPALLI, Vani YALAPALLI**

hereby sell, assign, and transfer to:

### **Intel Corporation**

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

### **METHOD AND APPARATUS FOR HARDWARE-ASSISTED SECURE REAL TIME CLOCK MANAGEMENT**

(I hereby authorize and request my attorney, associated with Customer Number 45457, to insert on the designated lines below, the filing date and application number of said application when known.)

which was filed on March 13, 2013 as

International Application Number PCT/US2013/030922 and

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

and in and to said International application and all related applications (e.g. national phase applications, divisional applications, continuation applications, reexaminations, reissues, and the like) that have been or shall be filed in the United States and/or all foreign countries on said inventions and improvements, as well as in and to all rights of priority resulting from the filing of said International application;

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 design, utility, divisional, continuing, continuation-in-part, substitute, renewal, reissue, 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 maintaining proper patent protection for said inventions and

*Attorney Docket No.: P53848PCT*

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.

  
\_\_\_\_\_  
**Anil A. KULKARNI**

3/21/13  
Date

\_\_\_\_\_  
**Gyan PRAKASH**

\_\_\_\_\_  
Date

\_\_\_\_\_  
**Jayant MANGALAMPALLI**

\_\_\_\_\_  
Date

  
\_\_\_\_\_  
**Vani YALAPALLI**

3/22/2013  
Date

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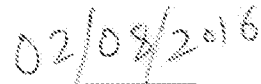
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covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that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

\_\_\_\_\_  
**Amol A. KULKARNI**

\_\_\_\_\_  
Date

  
\_\_\_\_\_  
**Gyan PRAKASH**

  
\_\_\_\_\_  
Date

\_\_\_\_\_  
**Jayant MANGALAMPALLI**

\_\_\_\_\_  
Date

\_\_\_\_\_  
**Vani YALAPALLI**

\_\_\_\_\_  
Date

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*M-JL*



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Amol A. KULKARNI	Date
Gyan PRAKASH	Date
 Jayant MANGALAMPALLI	5/31/2016 Date
Vani YALAPALLI	Date

