#### 504187228 01/19/2017

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4233903

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
KARTHIK KUMAR	01/04/2017
THOMAS WILLHALM	01/13/2017
FRANCESC GUIM BERNAT	01/09/2017
BRIAN J. SLECHTA	01/06/2017

### **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:	15376447

### CORRESPONDENCE DATA

Fax Number: (408)720-8383

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: 408 720-8300

Email: Leslie Rogan@bstz.com

**BLAKELY SOKOLOFF TAYLOR & ZAFMAN Correspondent Name:** 

1279 OAKMEAD PARKWAY Address Line 1:

Address Line 4: SUNNYVALE, CALIFORNIA 94085-4040

ATTORNEY DOCKET NUMBER:	42P88936
NAME OF SUBMITTER:	JEREMY A. SCHWEIGERT
SIGNATURE:	/Jeremy A. Schweigert/
DATE SIGNED:	01/19/2017

#### **Total Attachments: 8**

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> **PATENT REEL: 041020 FRAME: 0959** 504187228

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PATENT REEL: 041020 FRAME: 0960

## ASSIGNMENT

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

Karthik KUMAR; Thomas WILLHALM; Francesc GUIM BERNAT; Brian J. SLECHTA

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:

# METHODS AND SYSTEMS FOR INVALIDATING MEMORY RANGES IN FABRIC-BASED ARCHITECTURES

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

which was filed on	December 12	. 2016	as as	
United States COUNTRY or Inte	ernational Office	Application Number	15/376,447	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

Page 1 of 2

the history thereof; and generally assist said Assignce, its successors, assigns, or legal representatives in securing and 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.

		01-04-2017	
	Karthik KUMAR	Date signed	
	Thomas WILLHALM	Date signed	
***************************************	Francesc GUIM BERNAT	Date signed	
	Brian J. SLECHTA	Date signed	

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Karthik KUMAR	Date signed
Thousan Willed	13-Jan-2017
Thomas WILLHALM	Date signed
Francese GUIM BERNAT	Date signed
Brian J. SLECHTA	Date signed

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PATENT REEL: 041020 FRAME: 0965 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 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

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Karthik KUMAR	Date signed	
Thomas WILLHALM	Date signed	
Francesc GUIM BERNAT	9 Jan 2011	
Brian J. SLECHTA	Date signed	

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Karthik KUMAR	Date signed	
Thomas WILLHALM	Date signed	
Francesc GUIM BERNAT	Date signed	
Zu Dr	1/6/2017	
Brian I STECHTA	Date gionesi	