

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5478608

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ALEXANDER BACHMUTSKY	03/12/2019
DARIO SABELLA	02/06/2019
FRANCESC GUIM BERNAT	03/12/2019
JOHN J BROWNE	02/04/2019
KAPIL SOOD	02/01/2019
KSHITIJ ARUN DOSHI	03/12/2019
MATS GUSTAV AGERSTAM	03/12/2019
NED M SMITH	01/31/2019
RAJESH POORNACHANDRAN	03/29/2019
TARUN VISWANATHAN	02/27/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	INTEL CORPORATION
<b>Street Address:</b>	2200 MISSION COLLEGE BOULEVARD
<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>	16235420
<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>	P.O. BOX 2938
<b>Address Line 4:</b>	MINNEAPOLIS, MINNESOTA 55402
<b>ATTORNEY DOCKET NUMBER:</b>	1884.635US1
<b>NAME OF SUBMITTER:</b>	HALEY BEEKMAN

<b>SIGNATURE:</b>	/Haley Beekman/
<b>DATE SIGNED:</b>	04/17/2019
<b>Total Attachments: 30</b> source=1884.635US1Assignment#page1.tif source=1884.635US1Assignment#page2.tif source=1884.635US1Assignment#page3.tif source=1884.635US1Assignment#page4.tif source=1884.635US1Assignment#page5.tif source=1884.635US1Assignment#page6.tif source=1884.635US1Assignment#page7.tif source=1884.635US1Assignment#page8.tif source=1884.635US1Assignment#page9.tif source=1884.635US1Assignment#page10.tif source=1884.635US1Assignment#page11.tif source=1884.635US1Assignment#page12.tif source=1884.635US1Assignment#page13.tif source=1884.635US1Assignment#page14.tif source=1884.635US1Assignment#page15.tif source=1884.635US1Assignment#page16.tif source=1884.635US1Assignment#page17.tif source=1884.635US1Assignment#page18.tif source=1884.635US1Assignment#page19.tif source=1884.635US1Assignment#page20.tif source=1884.635US1Assignment#page21.tif source=1884.635US1Assignment#page22.tif source=1884.635US1Assignment#page23.tif source=1884.635US1Assignment#page24.tif source=1884.635US1Assignment#page25.tif source=1884.635US1Assignment#page26.tif source=1884.635US1Assignment#page27.tif source=1884.635US1Assignment#page28.tif source=1884.635US1Assignment#page29.tif source=1884.635US1Assignment#page30.tif	

RECORDATION FORM COVER SHEET  
PATENTS ONLY

Atty Ref/Docket No.: (AB5598-US) 1884.635US1

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):

Alexander Bachmutsky, Dario Sabella, Francesc Guim  
Bernat, John J. Browne, Kapil Sood, Kshitij Arun Doshi,  
Mats Gustav Agerstam, Ned M. Smith, Rajesh  
Poornachandran, Tarun Viswanathan

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 12, 2019, February 6, 2019,~~  
~~March 12, 2019, February 4, 2019, February 1, 2019,~~  
~~March 12, 2019, March 12, 2019, January 31, 2019,~~  
~~March 29, 2019, February 27, 2019~~

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)

Serial No. 16/235,420

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Name: Ognyan I. Beremski

Address:

Schwegman Lundberg & Woessner, P.A.  
P.O. Box 2938  
Minneapolis, Minnesota 55402

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  
190743

8. Please charge any additional fees or credit any over payments to our Deposit Account No.: 190743

**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.

Ognyan I. Beremski/Reg. No. 51,458

/Ognyan I. Beremski/

Name of Person Signing

Signature

Date

Total number of pages including cover sheet: 31

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: 048924 FRAME: 0111**

## **ASSIGNMENT**

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

**<Alexander Bachmutsky, Dario Sabella, Francesc Guim Bernat, John J. Browne, Kapil Sood, Kshitij Arun Doshi, Mats Gustav Agerstam, Ned M. Smith, Rajesh Poornachandran, Tarun Viswanathan>**

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:

### **MULTI-DOMAIN TRUST ESTABLISHMENT IN EDGE CLOUD 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 28, 2018 as

United States of America Application Number 16/235,420

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 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.

  
\_\_\_\_\_  
Alexander Bachmutsky

3/12/2019  
\_\_\_\_\_  
Date Signed

\_\_\_\_\_  
Dario Sabella

\_\_\_\_\_  
Date Signed

\_\_\_\_\_  
Francesc Guim Bernat

\_\_\_\_\_  
Date Signed

\_\_\_\_\_  
John J. Browne

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Date Signed

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Kapil Sood

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Date Signed

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Kshitij Arun Doshi

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Date Signed

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Mats Gustav Agerstam

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Date Signed

\_\_\_\_\_  
Ned M. Smith

\_\_\_\_\_  
Date Signed

*Intel Docket No.: AB5598-US*  
*SLW Reference No.: 1884.635US1*

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Rajesh Poornachandran

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Date Signed

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Tarun Viswanathan

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Date Signed

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which was filed on **December 28, 2018** as

**United States of America** Application Number **16/235,420**

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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

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\_\_\_\_\_  
Alexander Bachmutsky

  
\_\_\_\_\_  
Dario Sabella

\_\_\_\_\_  
Date Signed

  
\_\_\_\_\_  
Date Signed

\_\_\_\_\_  
Francesc Guim Bernat

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Date Signed

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John J. Browne

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Date Signed

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Kapil Sood

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Date Signed

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Kshitij Arun Doshi

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Date Signed

\_\_\_\_\_  
Mats Gustav Agerstam

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Date Signed

\_\_\_\_\_  
Ned M. Smith

\_\_\_\_\_  
Date Signed



***Intel Docket No.: AB5598-US***  
***SLW Reference No.: 1884.635US1***

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Rajesh Poornachandran

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Date Signed

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Tarun Viswanathan

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Date Signed

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<Alexander Bachmutsky, Dario Sabella, Francese Guim Bernat, John J. Browne, Kapil Sood, Kshitij Arun Doshi, Mats Gustav Agerstam, Ned M. Smith, Rajesh Poornachandran, Tarun Viswanathan>

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\_\_\_\_\_  
Alexander Bachmutsky

\_\_\_\_\_  
Date Signed

\_\_\_\_\_  
Dario Sabella

\_\_\_\_\_  
Date Signed

  
\_\_\_\_\_  
Francesc Guim Bernat

12 March 2019  
\_\_\_\_\_  
Date Signed

\_\_\_\_\_  
John J. Browne

\_\_\_\_\_  
Date Signed

\_\_\_\_\_  
Kapil Sood

\_\_\_\_\_  
Date Signed

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Kshitij Arun Doshi

\_\_\_\_\_  
Date Signed

\_\_\_\_\_  
Mats Gustav Agerstam

\_\_\_\_\_  
Date Signed

\_\_\_\_\_  
Ned M. Smith

\_\_\_\_\_  
Date Signed

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..... Alexander Bachmutsky	..... Date Signed
..... Dario Sabella	..... Date Signed
..... Francesc Guim Bernat	..... Date Signed
.....  John J. Browne	..... 7 Feb 2019 Date Signed
..... Kapil Sood	..... Date Signed
..... Kshitij Arun Doshi	..... Date Signed
..... Mats Gustav Agerstam	..... Date Signed
..... Ned M. Smith	..... Date Signed

*Intel Docket No.: AB5598-US*  
*SLW Reference No.: 1884.635US1*

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Rajesh Poornachandran

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Date Signed

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Tarun Viswanathan

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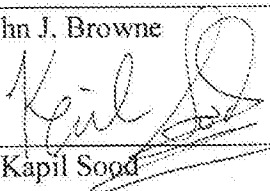
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_____ Alexander Bachmutsky	_____ Date Signed
_____ Dario Sabella	_____ Date Signed
_____ Francesc Guim Bernat	_____ Date Signed
_____ John J. Browne	_____ Date Signed
 _____ Kapil Sood	_____ 2/11/19 Date Signed
_____ Kshitij Arun Doshi	_____ Date Signed
_____ Mats Gustav Agerstam	_____ Date Signed
_____ Ned M. Smith	_____ Date Signed



*Intel Docket No.: AB5598-US*  
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Tarun Viswanathan

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.....  
Alexander Bachmutsky

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Date Signed

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Dario Sabella

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Francesca Guim Bernat


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John J. Browne

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Kapil Sood

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Kshiti Arun Doshi

.....  
March 12, 2019  
Date Signed

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Mats Gustav Agerstam

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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:

### **MULTI-DOMAIN TRUST ESTABLISHMENT IN EDGE CLOUD 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 28, 2018 as

United States of America Application Number 16/235,420

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 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.

..... Alexander Bachmutsky	..... Date Signed
..... Dario Sabella	..... Date Signed
..... Francesc Guim Bernat	..... Date Signed
..... John J. Browne	..... Date Signed
..... Kapil Sood	..... Date Signed
..... Kshilij Arun Doshi	..... Date Signed
 ..... Mats Gustav Agerstam	..... 3/12/19 Date Signed
..... Ned M. Smith	..... Date Signed

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Rajesh Poornachandran

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Date Signed

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Tarun Viswanathan

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Date Signed

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

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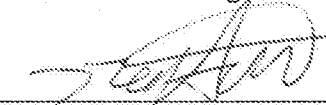
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Ned M. Smith

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1-31-19  
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*Intel Docket No.: AB5598-US*  
*SLW Reference No.: 1884.635US1*

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Tarun Viswanathan

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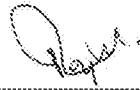
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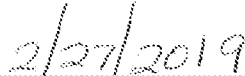
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