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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MAYURESH M. VARERKAR	04/17/2017
BARNAN DAS	04/16/2017
NARAYAN BISWAL	04/25/2017
STANLEY J. BARAN	04/14/2017
GOKCEN CILINGIR	04/17/2017
NILESH V. SHAH	04/17/2017
ARCHIE SHARMA	04/17/2017
SHERINE ABDELHAK	04/25/2017
SACHIN GODSE	04/17/2017
FARSHAD AKHBARI	04/17/2017
NARAYAN SRINIVASA	05/18/2017
ALTUG KOKER	05/16/2017
NADATHUR RAJAGOPALAN SATISH	04/24/2017
DUKHWAN KIM	04/14/2017
FENG CHEN	04/17/2017
ABHISHEK R. APPU	05/16/2017
JOYDEEP RAY	05/16/2017
PING T. TANG	04/15/2017
MICHAEL S. STRICKLAND	04/14/2017
XIAOMING CHEN	04/17/2017
ANBANG YAO	04/17/2017
TATIANA SHPEISMAN	05/15/2017
VASANTH RANGANATHAN	08/30/2017
SANJEEV JAHAGIRDAR	05/15/2017

RECEIVING PARTY DATA

Name:	INTEL CORPORATION
Street Address:	2200 MISSION COLLEGE BLVD.
City:	SANTA CLARA
State/Country:	CALIFORNIA
Postal Code:	95054

PATENT REEL: 043775 FRAME: 0475

504536074

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15488555

CORRESPONDENCE DATA

Fax Number: (303)265-9241

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: 303.800.6678

Email: paralegals@alpinetechlaw.com

Correspondent Name: ALPINE TECHNOLOGY LAW GROUP LLC

Address Line 1: 9249 S. BROADWAY BLVD.

Address Line 2: UNIT 200-201

Address Line 4: HIGHLANDS RANCH, COLORADO 80129

ATTORNEY DOCKET NUMBER:	P116279
NAME OF SUBMITTER:	APRIL PIEPENBURG
SIGNATURE:	/April Piepenburg/
DATE SIGNED:	09/07/2017

Total Attachments: 23

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ASSIGNMENT

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

MAYURESH M. VARERKAR, BARNAN DAS, NARAYAN BISWAL, STANLEY J. BARAN, GOKCEN CILINGIR, NILESH V. SHAH, ARCHIE SHARMA, SHERINE ABDELHAK, SACHIN GODSE, FARSHAD AKHBARI, NARAYAN SRINIVASA, ALTUG KOKER, NADATHUR RAJAGOPALAN SATISH, DUKHWAN KIM FENG CHEN, ABHISHEK R. APPU, JOYDEEP RAY, PING T. TANG, MICHAEL S. STRICKLAND, XIAOMING CHEN, ANBANG YAO, TATIANA SHPEISMAN

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:

PERSON TRACKING AND PRIVACY AND ACCELERATION OF DATA USING AUTONOMOUS MACHINES

(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	April 17, 2017	as	
US	Application Number	15/488555	and
COUNTRY or Inter	national 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;

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

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.

MANGERIA	<u> </u>
MAYURESH M. VARERKAR	Date signed
BARNAN DAS	Date signed
NARAYAN BISWAL	Date signed
STANLEY J. BARAN	Date signed
GOKCEN CILINGIR	Date signed
NILESH V. SHAH	Date signed
ARCHIE SHARMA	Date signed
SHERINE ABDELHAK	Date signed
SACHIN GODSE Page 2 of 4	Date signed

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MAYURESH M. VARERKAR	Date signed
Bornen Ds.	4/15/2017
BARNAN DAS	Date signed
NARAYAN BISWAL	Date signed
STANLEY J. BARAN	Date signed
GOKCEN CILINGIR	Date signed
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MAYURESH M. VARERKAR	Date signed
BARNAN DAS	Date signed
Noval	<u>04/25/20/2</u> Date signed
NARAYAN BISWAL	Date signed
STANLEY J. BARAN	Date signed
GOKCEN CILINGIR	Date signed
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BARNAN DAS	Date signed
NARAYAN BISWAL	Date signed
STANLEY J. BARAN	Date signed
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GORCEN CILINGIR	Date signed
NILESH V. SHAH	Date signed
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NILESH V. SHAH	Date signed
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SHEDINE ADDELITATE	04-25-2017
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GOKCEN CILINGIR	Date signed
NILESH V. SHAH	Date signed
ARCHIE SHARMA	Date signed
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Page 2 of 4	

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SACHIN GODSE	Date signed

Page 2 of 4

FARSHAD AKHBARI	Date signed
NARAYAN SRINIVASA	Date signed
ALTUG KOKER	Date signed
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NADATHUR RAJAGOPALAN SATISH	Date signed
DUKHWAN KIM	Date signed
FENG CHEN	Date signed
ABHISHEK R. APPU	Date signed
JOYDEEP RAY	Date signed
PING T. TANG	Date signed
MICHAEL S. STRICKLAND	Date signed

Took	04/17/2017
FARSHAD AKHBARI	Date signed
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NARAYAN SRINIVASA	Date signed
ALTUG KOKER	Date signed
NADATHUR RAJAGOPALAN SATISH	Date signed
DUKHWAN KIM	Date signed
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FENG CHEN	Date signed
	and a
ABHISHEK R. APPU	Date signed
JOYDEEP RAY	Date signed
PING T. TANG	Date signed
MICHAEL S. STRICKLAND	Date signed

FARSHAD AKHBARI	Date signed
NARAYAN SRINIVASA	Date signed
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ALTUG KOKER	Date signed
NADATHUR RAJAGOPALAN SATISH	Date signed
DUKHWAN KIM	Date signed
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JOYDEEP HAY	Date signed
PING T. TANG	Date signed
MICHAEL S. STRICKLAND	Date signed

FARSHAD AKHBARI	Date signed
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JOYDEEP RAY	Date signed
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MICHAEL S. STRICKLAND	Date signed

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ALTUG KOKER	Date signed
NADATHUR RAJAGOPALAN SATISH	Date signed
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DUKHWAN KIM	Date signed
FENG CHEN	Date signed
ABHISHEK R. APPU	Date signed
JOYDEEP RAY	Date signed
PING T. TANG	Date signed
MICHAELS STRICKLAND	Date signed

	Attorney Docket No.: P116279
XIAOMING CHEN	Date signed
(sobury You	<u> 2017-4-17</u>
ANBANG YAO	Date signed
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TATIANA SHPEISMAN	Date signed

XIAOMING CHEN	Date signed
ANBANG YAO	Date signed
TATIANA SHPEISMAN	
VASANTH RANGANATHAN	Date signed
SANJEEV JAHAGIRDAR	Date signed

XIAOMING CHEN	Date signed
ANBANG YAO	Date signed
TATIANA SHPEISMAN	Date signed
VASANTH RANGANATHAN	Date signed
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XIAOMING CHEN	Date signed
ANBANG YAO	Date signed
TATIANA SHPEISMAN	Date signed
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VASANTH RANGANATHAN	Date signed
SANJEEV JAHAGIRDAR	Date signed

Page 4 of 4

Jan Jaweing	Attorney Docket No.: P116279
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Page 4 of 4