504457152 07/14/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4503853

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ANA LUCIA PINHEIRO	06/01/2017
MARTA MARTINEZ TARRADELL	05/09/2017
RICHARD C. BURBIDGE	07/14/2017
YOUN HYOUNG HEO	06/28/2017
SANGEETHA BANGOLAE	05/06/2017

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15507199

CORRESPONDENCE DATA

Fax Number: (801)566-0750

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: 8015666633

Email: michelle.orton-brown@tnw.com

Correspondent Name: THORPE NORTH & WESTERN LLP

Address Line 1: P.O. BOX 1219
Address Line 4: SANDY, UTAH 84091

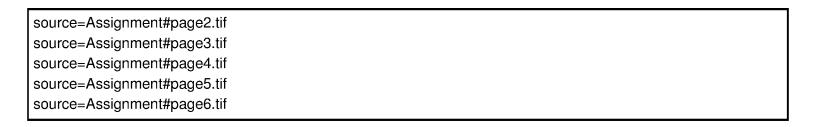
ATTORNEY DOCKET NUMBER:	P73952US
NAME OF SUBMITTER:	ALEX W. HAYMOND
SIGNATURE:	/Alex W. Haymond/
DATE SIGNED:	07/14/2017

Total Attachments: 6

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PATENT REEL: 043006 FRAME: 0265

504457152



PATENT REEL: 043006 FRAME: 0266

ASSIGNMENT

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

ANA LUCIA PINHEIRO; MARTA MARTINEZ TARRADELL; RICHARD C. BURBIDGE; YOUN HYOUNG HEO; SANGEETHA BANGOLAE

hereby sell, assign, and transfer to:

Intel IP 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:

ACCESS CONTROL MECHANISMS FOR D2D DISCOVERY AND COMMUNICATION

designated lines below, the filing date and application number of said application when known.)			
which was filed on	February 27, 2017	as	
U.S. COUNTRY or Interna	Application Number _	15/507,199	and

(I hereby authorize and request any attorney having appropriate authority from the assignee to insert on the

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

PATENT REEL: 043006 FRAME: 0267

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.

ANA LUCIA PINHEIRO	Date signed	
MARTA MARTINEZ TARRADELL	Date signed	
RICHARD C. BURBIDGE	Date signed	
YOUN HYOUNG HEO	Date signed	
SANGEETHA BANGOLAE	Date signed	

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RICHARD C. BURBURGE	トレーシャレースのパブ Date signed
YOUN HYOUNG HEO	Date signed
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Page 2 of 3

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RICHARD C. BURBIDGE	Date signed
YOUN HYOUNG HEO	Date signed
B. L. Sanger The	D6 MAY 2017
SANGEETHA BANGOLAE	Date signed

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