

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4515770

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
CANDY YIU	01/23/2017
YANG TANG	04/26/2017
YOUN HYOUNG HEO	07/21/2017
RICHARD C. BURBIDGE	07/14/2017
HYUNG-NAM CHOI	01/09/2017
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:	15512822
CORRESPONDENCE DATA	
Fax Number:	(801)566-0750
<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>	
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:	P73971US
NAME OF SUBMITTER:	ALEX W. HAYMOND
SIGNATURE:	/Alex W. Haymond/
DATE SIGNED:	07/21/2017
Total Attachments: 6 source=Assignment#page1.tif	

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ASSIGNMENT

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

**CANDY YIU; YANG TANG; YOUN HYOUNG HEO;
RICHARD C. BURBIDGE; HYUNG-NAM CHOI**

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:

INCREASED CARRIER MONITORING

(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 03-20-2017 as
United States Application Number 15/512,822 and
COUNTRY or International 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 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.



CANDY YIU

1/23/2019

Date signed

YANG TANG

Date signed

YOUN HYOUNG HEO

Date signed

RICHARD C. BURBIDGE


Date signed

HYUNG-NAM CHOI

Date signed

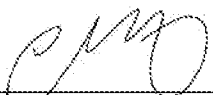
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_____ CANDY YIU	_____ Date signed
_____  YANG TANG	_____ 4/26/2017 Date signed
_____ YOUN HYOUNG HEO	_____ Date signed
_____ RICHARD C. BURBIDGE	_____ Date signed
_____ HYUNG-NAM CHOI	_____ Date signed


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_____ CANDY YIU	_____ Date signed
_____ YANG TANG	_____ Date signed
 _____ YOUN HYOUNG HEO	_____ 07/21/2017 _____ Date signed
_____ RICHARD C. BURBIDGE	_____ Date signed
_____ HYUNG-NAM CHOI	_____ Date signed

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

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_____ CANDY YIU	_____ Date signed
_____ YANG TANG	_____ Date signed
_____ YOUN HYOUNG HEO	_____ Date signed
_____  RICHARD C. BURBIDGE	_____ 14-JUL-2017 Date signed
_____ HYUNG-NAM CHOI	_____ Date signed

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

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CANDY YIU

Date signed

YANG TANG

Date signed

YOUN HYOUNG HEO

Date signed

RICHARD C. BURBIDGE

Date signed



HYUNG-NAM CHOI

January 9th, 2017

Date signed