

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5939245

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
GANG XIONG	11/07/2018
DEBDEEP CHATTERJEE	11/06/2018
DAE WON LEE	11/05/2018
AJIT NIMBALKER	11/08/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	INTEL IP 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>	16465486
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(480)499-5758
<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>Phone:</b>	(480) 912-8698
<b>Email:</b>	della@allianceip.com, docket@allianceip.com
<b>Correspondent Name:</b>	DELLA L. GONZALES
<b>Address Line 1:</b>	20 E. THOMAS RD., SUITE 2200, PMB 96
<b>Address Line 2:</b>	ALLIANCE IP, LLC
<b>Address Line 4:</b>	PHOENIX, ARIZONA 85012
<b>ATTORNEY DOCKET NUMBER:</b>	AB1943-PCT-US
<b>NAME OF SUBMITTER:</b>	DELLA L. GONZALES
<b>SIGNATURE:</b>	/Della L. Gonzales/
<b>DATE SIGNED:</b>	01/30/2020
<b>Total Attachments: 5</b>	
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## **ASSIGNMENT**

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

Gang Xiong, Debdeep Chatterjee, Dae Won Lee, Ajit Nimbalker

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:

### **APPARATUS, SYSTEM AND METHOD TO IMPLEMENT RESERVED RESOURCES FOR FORWARD COMPATIBILITY IN NEW RADIO (NR) NETWORKS**

which was filed on August 2, 2018 as

PCT Application Number PCT/US2018/045048 and  
COUNTRY or International Office

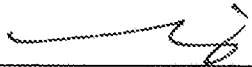
which has been executed by the undersigned prior hereto or concurrently herewith on the date(s) indicated below,

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 provisional, 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.



Gang Xiong

11/07/2018

Date

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Debdeep Chatterjee

\_\_\_\_\_  
Date

\_\_\_\_\_  
Dae Won Lee

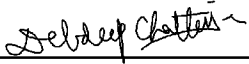
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Date

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Ajit Nimbalker

\_\_\_\_\_  
Date

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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_____ Gang Xiong	_____ Date
_____  Debdeep Chatterjee	_____ 11/06/2018 Date
_____ Dae Won Lee	_____ Date
_____ Ajit Nimbalker	_____ Date

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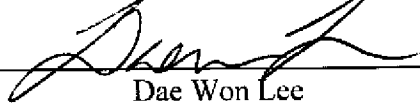
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Gang Xiong

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Date

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Debdeep Chatterjee

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Date

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Dae Won Lee

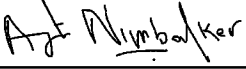
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11/08/2018  
Date

\_\_\_\_\_  
Ajit Nimbalkar

\_\_\_\_\_  
Date

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_____ Gang Xiong	_____ Date
_____ Debdeep Chatterjee	_____ Date
_____ Dae Won Lee	_____ Date
 _____ Ajit Nimbalkar	_____ Nov 8 2018 Date