505352290 02/28/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
VIVEK KUMAR TYAGI		06/22/2018
DOUGLAS ALFRED LAUTNER		07/30/2018
NIKHIL AMBHA MADHUSUDHANA		06/22/2018
SUDHIR C. VISSA	06/29/2018	
MIAO SONG	06/22/2018	
YUNMING WANG	06/25/2018	

RECEIVING PARTY DATA

Name:	MOTOROLA MOBILITY LLC		
Street Address:	222 WEST MERCHANDISE MART PLAZA		
Internal Address:	I Address: SUITE 1800		
City:	CHICAGO		
State/Country:	ILLINOIS		
Postal Code:	60654		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16282158

CORRESPONDENCE DATA

CORRESPONDENCE DATA				
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ATTORNEY DOCKET NUMBER:		MM920170179-US-DIV		
NAME OF SUBMITTER:		DAVID A. MORASCH		
SIGNATURE:		/ Dave Morasch 42905 /		
DATE SIGNED:		02/28/2019		

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PATENT REEL: 048471 FRAME: 0078

Total Attachments: 3 source=MM920170179-US-DIV_Assignments#page1.tif source=MM920170179-US-DIV_Assignments#page2.tif source=MM920170179-US-DIV_Assignments#page3.tif

DOCKET NUMBER: MM920170179-US-NP

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, Vivek Kumar Tyagi, Chicago, Illinois; Douglas Alfred Lautner, Round Lake, Illinois; Nikhil Ambha Madhusudhana, Chicago, Illinois; Sudhir C. Vissa, Bensenville, Illinois; Miao Song, Naperville, Illinois; and Yunming Wang, Buffalo Grove, Illinois; have sold, assigned and transferred, and do hereby sell, assign and transfer, unto MOTOROLA MOBILITY LLC, a Limited Liability Company of the State of Delaware, having its principal office in Chicago, State of Illinois, United States of America, and its successors, assigns, and legal representatives, the entire right, title and interest for the United States of America in and to certain inventions described, illustrated and claimed in the following applications:

U.S. Application filed herein and entitled: "Location Correlation in a Region based on Signal Strength Indications"

I hereby also sell, assign and transfer unto Assignee, the entire right, title and interest in and to the invention and in and to applications for Letters Patent therefor in all countries foreign to the United States of America, including all rights under any and all international conventions and treaties in respect of the invention and the applications for Letters Patent in foreign countries, and I further authorize Assignee to apply for Letters Patent in foreign countries directly in its own name, and to claim priority of the filing date of the application for Letters Patent of the United States of America under the provisions of any and all international conventions and treaties.

I hereby also sell, assign and transfer unto Assignee, the entire right, title and interest in and to other applications for Letters Patent on the inventions referenced in this Assignment and Agreement, and all rights, title and interest in and to all applications for Letters Patent in respect of the invention filed under any and all international conventions and treaties together with the entire right, title and interest in and to Letters Patent which may be issued upon the application(s) or any application(s) otherwise claiming priority thereto, and upon any divisions, extensions, continuations, reissues and/or reexaminations of such application(s).

I further authorize Assignee to apply for Letters Patent directly in its own name where applicable, and to claim priority of the filing date of the application for Letters Patent filed under the laws of the applicable country and under the provisions of any and all international conventions and treaties.

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Date:

I hereby authorize Assignee to request the Commissioner of Patents of the United States of America to issue any Letters Patents upon the aforesaid application, divisions, extensions, continuations, reissues or re-examinations, to Assignee, for the sole use and benefit of Assignee, to the full end of the term for which Letters Patent may be granted, the same as they would have been held and enjoyed by me had this assignment not been made, and I hereby authorize Assignee to request the equivalent authorities in foreign countries to issue the patents of their respective countries to Assignee.

I agree that, when requested, I will, without charge to Assignee, but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable-or convenient for securing, maintaining and enforcing patents for the inventions in any and all countries and for vesting title thereto in Assignee.

I covenant with Assignee that the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license or other encumbrance.

(1) Legal Name of Inventor: Vivek Kumar Tyagi

(2) Legal Name of Inventor: Douglas Alfred Lautner

8/102/17 Signature: Date:

(3) Legal Name of Inventor: Nikhil Ambha Madhusudhana

06/22/2018 Date: Signature:

(4) Legal Name of Inventor: Sudhir C. Vissa

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Date: 06/29/2018 Signature:

(5) Legal Name of Inventor: Miao Song

_Date: <u>06/22/201</u>3 Signature:

(6) Legal Name of Inventor: Yunming Wang

' 20/8-Date: 0/ Signature: Anna

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RECORDED: 02/28/2019