## 506090823 06/04/2020

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6137543

| SUBMISSION TYPE:      | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT     |

### **CONVEYING PARTY DATA**

| Name                   | Execution Date |
|------------------------|----------------|
| MADHUSUDAN PAI         | 01/06/2020     |
| BASEM A. ARDAH         | 01/13/2020     |
| BIBHUDATTA BISWAL      | 04/26/2020     |
| ABHISHEK JAIN          | 04/08/2020     |
| RAMU KANDULA           | 04/10/2020     |
| HARISHA NEGALAGULI     | 04/08/2020     |
| KRISHNAKANT PATEL      | 06/01/2020     |
| BRAHMANANDA R. VEMPATI | 05/26/2020     |

## **RECEIVING PARTY DATA**

| Name:           | MOTOROLA SOLUTIONS, INC. |
|-----------------|--------------------------|
| Street Address: | 500 W. MONROE STREET     |
| City:           | CHICAGO                  |
| State/Country:  | ILLINOIS                 |
| Postal Code:    | 60661                    |

### **PROPERTY NUMBERS Total: 1**

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 16730057 |

### **CORRESPONDENCE DATA**

**Fax Number:** (414)277-0656

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:** 414-271-6560

**Email:** mkeipdocket@michaelbest.com,

MSIdocketing@motorolasolutions.com, ectressler@michaelbest.com

Correspondent Name: MICHAEL BEST & FRIEDRICH LLP (MOTOROLA S

Address Line 1: 790 N. WATER STREET

Address Line 2: SUITE 2500

Address Line 4: MILWAUKEE, WISCONSIN 53202

ATTORNEY DOCKET NUMBER: PAT24739-US-PRI

NAME OF SUBMITTER: DEREK C. STETTNER

PATENT 506090823 REEL: 052837 FRAME: 0960

| SIGNATURE:                      | /derek c. stettner/           |
|---------------------------------|-------------------------------|
| DATE SIGNED:                    | 06/04/2020                    |
| Total Attachments: 9            |                               |
| source=PAT24739-US-PRI EXECUTED | ASSIGNMENT AS FILED#page1.tif |
| source=PAT24739-US-PRI EXECUTED | ASSIGNMENT AS FILED#page2.tif |
| source=PAT24739-US-PRI EXECUTED | ASSIGNMENT AS FILED#page3.tif |
| source=PAT24739-US-PRI EXECUTED | ASSIGNMENT AS FILED#page4.tif |
| source=PAT24739-US-PRI EXECUTED | ASSIGNMENT AS FILED#page5.tif |
| source=PAT24739-US-PRI EXECUTED | ASSIGNMENT AS FILED#page6.tif |
| source=PAT24739-US-PRI EXECUTED | ASSIGNMENT AS FILED#page7.tif |
| source=PAT24739-US-PRI EXECUTED | ASSIGNMENT AS FILED#page8.tif |

source=PAT24739-US-PRI EXECUTED ASSIGNMENT AS FILED#page9.tif

PATENT REEL: 052837 FRAME: 0961

## ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, MADHUSUDAN PAI, residing in Frisco, State of Texas, United States of America, BASEM A. ARDAH, residing in Plano, State of Texas, United States of America, BIBHUDATTA BISWAL, residing in Richardson, State of Texas, United States of America, ABHISHEK JAIN, residing in Irving, State of Texas, United States of America, RAMU KANDULA, residing in McKinney, State of Texas, United States of America, HARISHA NEGALAGULI, residing in McKinney, State of Texas, United States of America, KRISHNAKANT PATEL, residing in Richardson, State of Texas, United States of America, and BRAHMANANDA R. **VEMPATI**, residing in Dallas, State of Texas, United States of America, have sold, assigned and transferred, and do hereby sell, assign and transfer, unto MOTOROLA SOLUTIONS, INC., a corporation 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 relating to improvements in MULTIPLE MODE PUSH-TO-X GROUP CALLS ON LONG TERM EVOLUTION NETWORKS, filed on December 30, 2019 as serial number 16/730,057 (Docket No. PAT24739-US-PRI), described, illustrated and claimed in an application for Letters Patent of the United States of America executed by us on the dates indicated by our signatures below, together with the entire right, title and interest in and to the application, and in and to Letters Patent which may be issued upon the application, and upon any non-provisional, division, extension, continuation, re-examination, or reissue thereof.

We hereby also sell, assign and transfer unto MOTOROLA SOLUTIONS, INC., 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 we further authorize MOTOROLA SOLUTIONS, INC. 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.

We hereby authorize and request the Commissioner of Patents of the United States of America to issue Letters Patent upon the aforesaid application, division, extension, continuation or reissue, to MOTOROLA SOLUTIONS, INC., for the sole use and benefit of MOTOROLA

1 of 9 PAT24739-US-PRI SOLUTIONS, INC., its successors, assigns and legal representatives, 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 we hereby authorize and request the equivalent authorities in foreign countries to issue the patents of their respective countries to MOTOROLA SOLUTIONS, INC.

We agree that, when requested, we will, without charge to MOTOROLA SOLUTIONS, INC., but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for the inventions in any and all countries and for vesting title thereto in MOTOROLA SOLUTIONS, INC., its successors, assigns and legal representatives or nominees.

We covenant with MOTOROLA SOLUTIONS, INC., its successors, assigns and legal representatives, that the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license or other encumbrance.

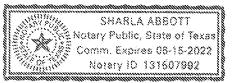
| Madrum son bla:               | DATE: | JAN  | 06. | 2020  |  |
|-------------------------------|-------|------|-----|-------|--|
| MADHUSUDAN PAI                | DATE. |      |     |       |  |
| STATE OF TEXAS                |       |      |     |       |  |
| COUNTY OF COULT               |       |      |     |       |  |
| and the days was the state of | * C7  | 1.0. | 0   | 2 ( ) |  |

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that MADHUSUDAN PAI, whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered the instrument as their free and voluntary act and deed for the uses and purposes therein set forth.

My commission expires: \. 15-2023

Notary Public Signature

Printed Name of Notary Public



| J. J. Barris  | DATE: 1/13/2020   |
|---|---|
| BASEM'A, ARDAH  |   |
| STATE OF TEXAS  |   |
| COUNTY OF Collin  |   |
| The undersigned Notary Public in and for the that BASEM A. ARDAH, whose name is subscribefore me this day in person and acknowledged instrument as their free and voluntary act and de Given under my hand and notarial seal this | ibed to the foregoing instrument, appeared that they signed, sealed and delivered the ed for the uses and purposes therein set forth. |
| My commission expires:  Aug. 24, 2020   | Notary Hublic Signature   |
|   | Stephen Orblanc Printed Name of Notary Public   |
| STEPHEN T DEBLANC Notary ID #129017428 My Commission Expires August 24, 2020  |   |

| Bill-date Bond.       | DATE: 04/26/2020   |
|-----------------------|--|
| DIDENITA TO A CONTACT | - Acceptable and the second and the second acceptable accept |

4 of 9 PAT24739-US-PRI

| Abhishak      | DATE: 4/8/2020 |
|---------------|----------------|
| ABHISHEK JAIN | DATE           |

| /Dayson Kanadrula/ |                    |
|--------------------|--------------------|
| /Ramu Kandula/     | DATE: Apr 10, 2020 |
| RAMII KANDIII.A    | DATE.              |

| Harisha Negalaguli |                    |
|--------------------|--------------------|
|                    | DATE: Apr-8th-2020 |
| HARISHA NEGALAGULI | DATE.              |

| Kpatel.           | DATE: | June 1, 2020 |
|-------------------|-------|--------------|
| KRISHNAKANT PATEL | DAIL. |              |

BRAHMANANDA R. VEMPATI

DATE:

9 of 9 PAT24739-US-PRI

RECORDED: 06/04/2020