# 503114304 12/23/2014

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3160912

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

## **CONVEYING PARTY DATA**

| Name           | Execution Date |
|----------------|----------------|
| PAULA TJANDRA  | 12/17/2014     |
| ETHAN Y CHEN   | 12/17/2014     |
| CRAIG P REILLY | 12/17/2014     |

# **RECEIVING PARTY DATA**

| Name:             | Motorola Solutions, Inc.              |
|-------------------|---------------------------------------|
| Street Address:   | 1303 E. Algonquin Road                |
| Internal Address: | Law Department, Intellectual Property |
| City:             | Schaumburg                            |
| State/Country:    | ILLINOIS                              |
| Postal Code:      | 60196                                 |

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

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 14581182 |

# CORRESPONDENCE DATA

**Fax Number:** (847)576-3750

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:** 847-576-2932

**Email:** USAdocketing@motorolasolutions.com

Correspondent Name: MOTOROLA SOLUTIONS, INC. Address Line 1: 1301 E. ALGONQUIN ROAD

Address Line 2: IL02-5TH FLOOR

Address Line 4: SCHAUMBURG, ILLINOIS 60196

| ATTORNEY DOCKET NUMBER: | CM16960              |
|-------------------------|----------------------|
| NAME OF SUBMITTER:      | VERNICE FREEBOURNE   |
| SIGNATURE:              | /Vernice Freebourne/ |
| DATE SIGNED:            | 12/23/2014           |

# **Total Attachments: 4**

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PATENT REEL: 034578 FRAME: 0623

**PATENT** 

### ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, PAULA TJANDRA, INVERNESS, IL; ETHAN Y. CHEN, WILMETTE, IL and CRAIG P. REILLY, BARTLETT, IL, 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 Schaumburg, 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 METHOD AND APPARATUS FOR MANAGING BEARERS IN A WIRELESS COMMUNICATION SYSTEM (Docket No. CM16960), 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 nonprovisional, division, extension, continuation. reexamination 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 therefore 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, reexamination or reissue to MOTOROLA SOLUTIONS, INC., for the sole use and benefit of MOTOROLA 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.

CM16960 Page 1 of 4 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.

| tally f       | DATE: 12/17/2014 |
|---------------|------------------|
| PAULA TJÄNDRA | DAIL.            |

| STATE OF IL | CnK | )          |
|-------------|-----|------------|
| COUNTY OF   | UM  | )88<br>- ) |

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that PAULA TJANDRA, 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.

Given under my hand and notarial seal this ////ˈda

day of 100/11/201, 2014

My commission expires:

Notary Public Signature)

Printed Name of Notary Public

SA SHELLAR, WANNERING

ETHAN Y. CHEN

DATE: 12/17/2014

STATE OF IL

COUNTY OF

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that ETHAN Y. CHEN, 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

Given under my hand and notarial seal this

∠ day of

J 2014

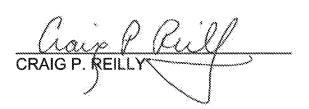
My commission expires:

purposes therein set forth.

SHEILA R. MANNERINO
"OFFICIAL SEAL"
Neway Public State of Bleeds
Ny Commission Expires
April 08, 2017

Notary Public Signature

Printed Name of Notary Public



DATE: 12/17/2014

STATE OF IL

COUNTY OF

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that CRAIG P. REILLY, 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.

Given under my hand and notarial seal this \_\_\_\_\_

⊈day of

್ಷ 2014

My commission expires:

RECORDED: 12/23/2014

Notery Public Signature

Printed Name of Notary Public

SHEILA R. MANNERINO
"OFFICIAL SEAL"
Notary Public, State of Illinois
My Commission Expires
April 08, 2817