

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>APARNA PANDEY</td> <td>05/16/2013</td> </tr> <tr> <td>TYRONE D. BEKIARES</td> <td>05/16/2013</td> </tr> <tr> <td>HARISH BHANDIWAD</td> <td>05/16/2013</td> </tr> <tr> <td>RANDY L. EKL</td> <td>05/16/2013</td> </tr> <tr> <td>STEVEN D. TINE</td> <td>05/16/2013</td> </tr> <tr> <td>RYAN P. ZIOLKO</td> <td>05/23/2013</td> </tr> </tbody> </table>		Name	Execution Date	APARNA PANDEY	05/16/2013	TYRONE D. BEKIARES	05/16/2013	HARISH BHANDIWAD	05/16/2013	RANDY L. EKL	05/16/2013	STEVEN D. TINE	05/16/2013	RYAN P. ZIOLKO	05/23/2013
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<table border="1"> <tr> <td>Name:</td> <td>MOTOROLA SOLUTIONS, INC.</td> </tr> <tr> <td>Street Address:</td> <td>1303 E. ALGONQUIN ROAD</td> </tr> <tr> <td>Internal Address:</td> <td>LAW DEPARTMENT-INTELLECTUAL PROPERTY</td> </tr> <tr> <td>City:</td> <td>SCHAUMBURG</td> </tr> <tr> <td>State/Country:</td> <td>ILLINOIS</td> </tr> <tr> <td>Postal Code:</td> <td>60196</td> </tr> </table>		Name:	MOTOROLA SOLUTIONS, INC.	Street Address:	1303 E. ALGONQUIN ROAD	Internal Address:	LAW DEPARTMENT-INTELLECTUAL PROPERTY	City:	SCHAUMBURG	State/Country:	ILLINOIS	Postal Code:	60196		
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Application Number:	13794967														
CORRESPONDENCE DATA															
Fax Number:	8475763750														
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
Phone:	847-576-2932														
Email:	USAdocketing@motorolasolutions.com														
Correspondent Name:	MOTOROLA SOLUTIONS, INC. IP Law Docketin														
Address Line 1:	1301 EAST ALGONQUIN ROAD														
Address Line 2:	IL02 5th Floor - SH5														
Address Line 4:	SCHAUMBURG, ILLINOIS 60196														
ATTORNEY DOCKET NUMBER:	CM15555														

CH \$40.00 13794967

NAME OF SUBMITTER:	SHEILA MANNERINO
Signature:	/Sheila Mannerino/
Date:	05/24/2013
<p>Total Attachments: 7</p> <p>source=CM15555_USA_EXECUTED_ASSIGNMENT#page1.tif</p> <p>source=CM15555_USA_EXECUTED_ASSIGNMENT#page2.tif</p> <p>source=CM15555_USA_EXECUTED_ASSIGNMENT#page3.tif</p> <p>source=CM15555_USA_EXECUTED_ASSIGNMENT#page4.tif</p> <p>source=CM15555_USA_EXECUTED_ASSIGNMENT#page5.tif</p> <p>source=CM15555_USA_EXECUTED_ASSIGNMENT#page6.tif</p> <p>source=CM15555_USA_EXECUTED_ASSIGNMENT#page7.tif</p>	

## ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **APARNA PANDEY, CHICAGO, IL; TYRONE D. BEKIARES, PARK RIDGE, IL; HARISH BHANDIWAD, SCHAUMBURG, IL; RANDY L. EKL, LAKE ZURICH, IL; STEVEN D. TINE, BUFFALO GROVE, IL and RYAN P. ZIOLKO, SCHAUMBURG, 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 PROPAGATING PUBLIC SAFETY MULTICAST AND BROADCAST SERVICES AMONG PUBLIC SAFETY PERSONNEL** (Docket No **CM15555**), filed on **March 12, 2013** as **serial number 13/794,967** 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 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.

  
APARNA PANDEY

DATE: 05/16/2013

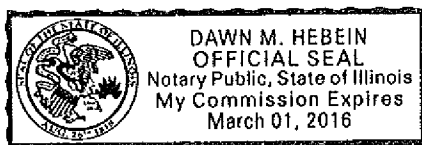
STATE OF IL

COUNTY OF COOK

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that **APARNA PANDEY** 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 16 day of May, 2013.

My commission expires:



  
Notary Public Signature

Dawn M Hebein  
Printed Name of Notary Public

  
**TYRONE D. BEKIARES**

DATE: 05/16/13

STATE OF IL

COUNTY OF COOK

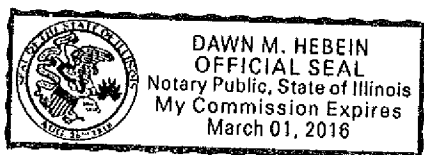
The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that **TYRONE D. BEKIARES** whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered the instrument as their free and voluntary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

Given under my hand and notarial seal this 16 day of May, 2013.

My commission expires:

  
Notary Public Signature

Dawn M Hebein  
Printed Name of Notary Public



  
**HARISH BHANDIWAD**

DATE: 05/16/2013

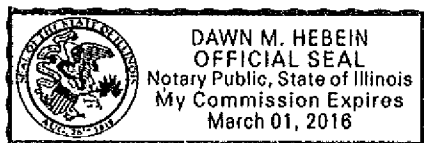
STATE OF IL

COUNTY OF COOK

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that **HARISH BHANDIWAD** 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 16 day of May, 2013.

My commission expires:





Notary Public Signature

Dawn M Hebein  
Printed Name of Notary Public

Randy L. Ekl  
**RANDY L. EKL**

DATE: MAY 16, 2013

STATE OF IL

COUNTY OF COOK

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that **RANDY L. EKL**, 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 16 day of May, 2013.

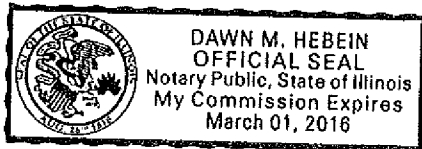
My commission expires:


Dawn M Hebein

Notary Public Signature

Dawn M Hebein

Printed Name of Notary Public



  
**STEVEN D. TINE**

DATE: 16-May-2013

STATE OF IL

COUNTY OF COOK

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that **STEVEN D. TINE** 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 16 day of May, 2013.

My commission expires:



  
Notary Public Signature

Dawn M Hebein  
Printed Name of Notary Public



*Ry*  
**RYAN P. ZIOLKO**

DATE: 5/23/2013

STATE OF IL

COUNTY OF COOK

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that **RYAN P. ZIOLKO** 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 23 day of May, 2013.

My commission expires:

*Dawn M Hebein*  
Notary Public Signature

Dawn M Hebein  
Printed Name of Notary Public

