

PATENT ASSIGNMENT

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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>DANIEL J. MCDONALD</td> <td>12/19/2011</td> </tr> <tr> <td>LESLIE G. GUSTAFSON</td> <td>12/16/2011</td> </tr> <tr> <td>MARK SHAHAF</td> <td>12/19/2011</td> </tr> </tbody> </table>		Name	Execution Date	DANIEL J. MCDONALD	12/19/2011	LESLIE G. GUSTAFSON	12/16/2011	MARK SHAHAF	12/19/2011
Name	Execution Date								
DANIEL J. MCDONALD	12/19/2011								
LESLIE G. GUSTAFSON	12/16/2011								
MARK SHAHAF	12/19/2011								
RECEIVING PARTY DATA									
Name:	MOTOROLA SOLUTIONS, INC.								
Street Address:	1303 E. ALGONQUIN ROAD								
Internal Address:	LAW DEPARTMENT								
City:	SCHAUMBURG								
State/Country:	ILLINOIS								
Postal Code:	60196								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13331580</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13331580				
Property Type	Number								
Application Number:	13331580								
CORRESPONDENCE DATA									
Fax Number:	(847)576-3750								
Phone:	847-576-5217								
Email:	USAdocketing@motorolasolutions.com								
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>									
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:	CM14747								
NAME OF SUBMITTER:	SHEILA MANNERINO								

CH \$40.00 13331580

Total Attachments: 4

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ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **DANIEL MCDONALD, CARY, IL; LESLIE G. GUSTAFSON, OAKWOOD HILLS, IL AND MARK SHAHAF, VERNON HILLS, 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 ALLOCATING FREQUENCIES AMONG MULTIPLE TALKGROUPS** (Docket No **CM14727**), 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.



DATE: 12/19/2011

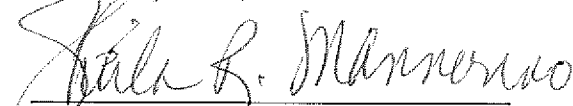
STATE OF IL

COUNTY OF COOK

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that **DANIEL J. MCDONALD** 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 19th day of December, 2011.

My commission expires:



Notary Public Signature
SHEILA R. MANNERINO

Printed Name of Notary Public



Leslie G. Gustafson
LESLIE G. GUSTAFSON

DATE: 12-16-2011

STATE OF IL

COUNTY OF COOK

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that **LESLIE G. GUSTAFSON** 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 16th day of December, 2011.

My commission expires: 6-13-2012

Renee Grivalds

Notary Public Signature

Renee Grivalds

Printed Name of Notary Public



Mark Shahaf
MARK SHAHAF

DATE: 12/19/2011

STATE OF IL
COUNTY OF COOK

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that **MARK SHAHAF** 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 19th day of December, 2011.

My commission expires:

Sheila R. Mannerino
Notary Public Signature
SHEILA R. MANNERINO
Printed Name of Notary Public

