

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT3135268

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ARTHUR CHRISTOPHER LEYH	12/04/2014
THOMAS B. BOHN	12/04/2014
GREGORY J. BUCHWALD	12/04/2014
DAVID P. GURNEY	12/05/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	MOTOROLA SOLUTIONS, INC.
<b>Street Address:</b>	1303 E. ALGONQUIN ROAD
<b>Internal Address:</b>	IL01-LAW DEPT-INTELLECTUAL PROPERTY
<b>City:</b>	SCHAUMBURG
<b>State/Country:</b>	ILLINOIS
<b>Postal Code:</b>	60196
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14562055
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(847)576-3750
<i>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.</i>	
<b>Phone:</b>	847-576-2932
<b>Email:</b>	USAdocketing@motorolasolutions.com
<b>Correspondent Name:</b>	MOTOROLA SOLUTIONS, INC. IP LAW DOCKETIN
<b>Address Line 1:</b>	1301 EAST ALGONQUIN ROAD
<b>Address Line 2:</b>	IL02 5TH FLOOR - SH5
<b>Address Line 4:</b>	SCHAUMBURG, ILLINOIS 60196
<b>ATTORNEY DOCKET NUMBER:</b>	CM17666
<b>NAME OF SUBMITTER:</b>	SHEILA MANNERINO
<b>SIGNATURE:</b>	/Sheila Mannerino/
<b>DATE SIGNED:</b>	12/05/2014
<b>Total Attachments: 5</b>	
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## ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **ARTHUR CHRISTOPHER LEYH, SPRING GROVE, IL; THOMAS B. BOHN, MC HENRY, IL; GREGORY J. BUCHWALD, CRYSTAL LAKE, IL AND DAVID P. GURNEY, CARPENTERSVILLE, 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 **METHODS AND SYSTEMS FOR DYNAMICALLY ADJUSTING FREQUENCY OFFSETS FOR MITIGATING INTERFERENCE** (Docket No. **CM17666**), 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.**

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.

Arthur Christopher Leyh  
ARTHUR CHRISTOPHER LEYH

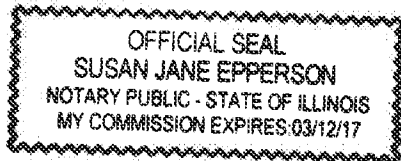
DATE: 12/4/2014

STATE OF IL )  
COUNTY OF Cook )ss

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that **ARTHUR CHRISTOPHER LEYH**, 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 4<sup>th</sup> day of December, 2014

My commission expires:



Susan Jane Epperson  
Notary Public Signature  
Susan Jane Epperson  
Printed Name of Notary Public

Thomas B. Bohn  
THOMAS B. BOHN

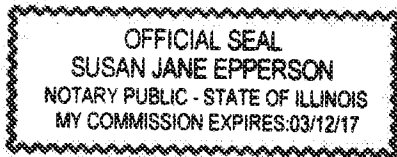
DATE : 12/4/14

STATE OF IL )  
COUNTY OF Cook )ss

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that **THOMAS B. BOHN**, 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 4<sup>th</sup> day of December, 2014

My commission expires:



Susan Jane Epperson  
Notary Public Signature  
Susan Jane Epperson  
Printed Name of Notary Public

*Gregory J. Buchwald*  
GREGORY J. BUCHWALD

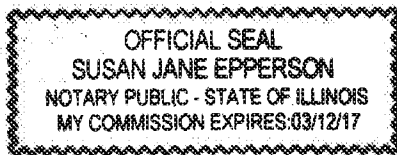
DATE: 12/4/2014

STATE OF IL )  
COUNTY OF Cook )ss

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that **GREGORY J. BUCHWALD**, 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 4 day of December, 2014

My commission expires:



*Susan Jane Epperson*  
Notary Public Signature  
Susan Jane Epperson  
Printed Name of Notary Public

David P. Gurney  
DAVID P. GURNEY

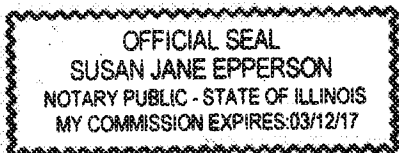
DATE: 12/5/14

STATE OF IL )  
COUNTY OF Cook )ss

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that **DAVID P. GURNEY**, 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 5<sup>th</sup> day of December, 2014

My commission expires:



Susan Jane Epperson  
Notary Public Signature  
SUSAN JANE EPPERSON  
Printed Name of Notary Public