

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
CHARLES B. HARMKE	09/01/2016
KURT S. FIENBERG	09/01/2016
RECEIVING PARTY DATA	
Name:	MOTOROLA SOLUTIONS, INC.
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City:	SCHAUMBURG
State/Country:	ILLINOIS
Postal Code:	60196
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15254822
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ATTORNEY DOCKET NUMBER:	CM18863
NAME OF SUBMITTER:	DEREK C. STETTNER
SIGNATURE:	/derek c. stettner/
DATE SIGNED:	09/01/2016
Total Attachments: 3	
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ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **CHARLES B. HARMKE**, residing in Huntley, State of Illinois, United States of America, and **KURT S. FIENBERG**, residing in Plantation, State of Florida, 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 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 **SYSTEM AND METHOD FOR BEAMFORMING AUDIO SIGNALS RECEIVED FROM A MICROPHONE ARRAY**, (Docket No. **CM18863**), 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.

Charles B. Harmke
CHARLES B. HARMKE

DATE: 9/1/2016

STATE OF IL

COUNTY OF COOK

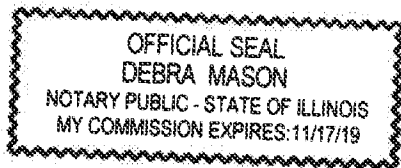
The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that CHARLES B. HARMKE, whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered the instrument as their free and voluntary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

Given under my hand and notarial seal this 1st day of September, 2016.

My commission expires:

Debra Mason
Notary Public Signature

Debra Mason
Printed Name of Notary Public




KURT S. FIENBERG

DATE: Sept 1, 2016

STATE OF FL

COUNTY OF Broward

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that KURT S. FIENBERG, 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 1 day of September, 2016.

My commission expires:


Notary Public Signature

Nancy Ascuntar
Printed Name of Notary Public

