502464504 08/20/2013

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NATHANAEL P. KUEHNER	08/15/2013

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:	13971200

CORRESPONDENCE DATA

Fax Number: 8475763750

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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:	CM16166
NAME OF SUBMITTER:	SHEILA MANNERINO
Signature:	/Sheila Mannerino/
Date:	08/20/2013

Total Attachments: 2

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PATENT REEL: 031044 FRAME: 0652 CH \$40.00 133

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, NATHANAEL P. KUEHNER, ROLLING MEADOWS, 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 an improvement in <a href="https://receiv.org/receiv

I 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 I 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.

I 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 the Letters Patent may be granted, the same as they would have been held and enjoyed by me had this assignment not been made, and I hereby authorize and request the equivalent authorities in foreign countries to issue the patents of their respective countries to MOTOROLA SOLUTIONS, INC.

I agree that, when requested, I will, without charge to MOTOROLA SOLUTIONS, INC., but at its expense, sign all papers, take all rightful oaths, and do all acts which

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PATENT REEL: 031044 FRAME: 0653 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.

I 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.

NATHANAEL P. KUEHNER

___ DATE: HUG-15, 2013

STATE OF IL

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COUNTY OF COOK

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that **NATHANAEL P. KUEHNER**, 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 _//

My commission expires:

Notary Public Signature)

Printed Name of Notary Public

SHEILA R. MANNERINO
"OFFICIAL SEAL"
Natary Public, State of Illinois
My Commission Expires
April 08, 2017