

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>CARL L SHURBOFF</td><td>09/16/2008</td></tr><tr><td>WILLIAM P ALBERTH JR</td><td>09/16/2008</td></tr><tr><td>DEAN E THORSON</td><td>08/12/2008</td></tr></tbody></table>		Name	Execution Date	CARL L SHURBOFF	09/16/2008	WILLIAM P ALBERTH JR	09/16/2008	DEAN E THORSON	08/12/2008				
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<table border="1"><tr><td>Name:</td><td>MOTOROLA INC</td></tr><tr><td>Street Address:</td><td>1303 E. ALGONQUIN RD</td></tr><tr><td>Internal Address:</td><td>IP LAW DEPARTMENT</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 INC	Street Address:	1303 E. ALGONQUIN RD	Internal Address:	IP LAW DEPARTMENT	City:	SCHAUMBURG	State/Country:	ILLINOIS	Postal Code:	60196
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PROPERTY NUMBERS Total: 1													
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CORRESPONDENCE DATA													
Fax Number: (847)523-2350 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone: 847-523-1267													
Email: DOCKETING.LIBERTYVILLE@MOTOROLA.COM													
Correspondent Name: MOTOROLA INC													
Address Line 1: 600 NORTH US HIGHWAY 45													
Address Line 2: W4 - 39Q													
Address Line 4: LIBERTYVILLE, ILLINOIS 60048-5343													
ATTORNEY DOCKET NUMBER:	CS3422RL												
NAME OF SUBMITTER:	ROLAND K. BOWLER II												
Total Attachments: 4													

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PATENT

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **CARL L. SHURBOFF, GRAYSLAKE, IL; WILLIAM P. ALBERTH JR., CRYSTAL LAKE, IL; AND, DEAN E. THORSON, GRAYSLAKE, IL;** have sold, assigned and transferred, and do hereby sell, assign and transfer, unto MOTOROLA, 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 **BROADCAST MESSAGING IN WIRELESS COMMUNICATION NETWORKS** (Docket No. **CS34223RL**), 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 division, extension, continuation or reissue thereof.

We hereby also sell, assign and transfer unto MOTOROLA, 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, 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, INC., for the sole use and benefit of MOTOROLA, 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, INC.

We agree that, when requested, we will, without charge to MOTOROLA, 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, INC., its successors, assigns and legal representatives or nominees.

We covenant with MOTOROLA, 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.

Carl L. Shurboff
CARL L. SHURBOFF

DATE: 9/16/08

STATE OF IL)
COUNTY OF Lake)ss

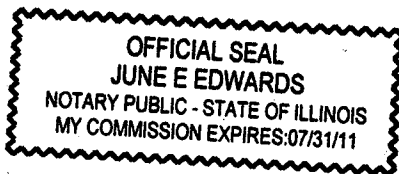
The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that CARL L. SHURBOFF, whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered the instrument as their free and voluntary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

Given under my hand and notarial seal this 16 day of September, 2008.

My commission expires: 07/31/11

June E. Edwards
Notary Public Signature

JUNE E. EDWARDS
Printed Name of Notary Public



William P. Alberth Jr.
WILLIAM P. ALBERTH JR.

DATE: 9/16/08

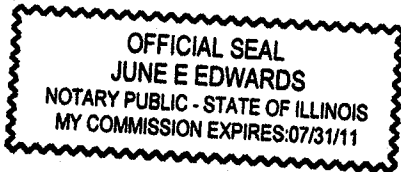
STATE OF IL)
COUNTY OF Lake)ss

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that WILLIAM P. ALBERTH JR., 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 September, 2008.

My commission expires: 07/31/11

June E. Edwards
Notary Public Signature
June E. Edwards
Printed Name of Notary Public



Dean E Thorson
DEAN E. THORSON

DATE: August 12, 2008

STATE OF IL)
COUNTY OF Lake)ss

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that DEAN E. THORSON, 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 12 day of August, 2008.

My commission expires: 07/31/11

June E Edwards
Notary Public Signature
JUNE E. EDWARDS
Printed Name of Notary Public

