

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT3094457

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MICHAEL F. COULAS	10/16/2006
ROBERT HORVATH	10/16/2006
BRADLEY F. JENTZ	10/16/2006
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	MOTOROLA, INC.
<b>Street Address:</b>	1303 E. ALGONQUIN ROAD
<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>
<b>Application Number:</b>	13397246
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>	260-424-8000
<b>Email:</b>	michelle.davis@faegrebd.com
<b>Correspondent Name:</b>	MICHELLE L. DAVIS
<b>Address Line 1:</b>	FAEGRE BAKER DANIELS LLP
<b>Address Line 2:</b>	111 EAST WAYNE STREET, SUITE 800
<b>Address Line 4:</b>	FORT WAYNE, INDIANA 46802
<b>ATTORNEY DOCKET NUMBER:</b>	GP-101087-00-US-CON
<b>NAME OF SUBMITTER:</b>	MICHELLE L. DAVIS
<b>SIGNATURE:</b>	/michelle l. davis/
<b>DATE SIGNED:</b>	11/04/2014
<b>Total Attachments: 9</b>	
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<b>PATENT</b>	

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## ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **MICHAEL F. COULAS, BUFFALO GROVE, IL; ROBERT HORVATH, ARLINGTON HEIGHTS, IL; and BRADLEY F. JENTZ, BARRINGTON, 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 **METHOD AND APPARATUS FOR MANAGEMENT OF INACTIVE CONNECTIONS FOR SERVICE CONTINUITY IN AN AGNOSTIC ACCESS INTERNET PROTOCOL MULTIMEDIA COMMUNICATION SYSTEM**(Docket No. **CS27882RL**), 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.

Michael Coulas  
Michael F. Coulas

DATE: 10/16/2006

STATE OF IL )  
COUNTY OF LAKE )ss

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Michael F. Coulas, 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 October, 2006.

My commission expires: 06/14/10

Jennifer H. Magness  
Notary Public Signature

JENNIFER H. MAGNESS  
Printed Name of Notary Public



\_\_\_\_\_  
Robert Horvath

DATE: \_\_\_\_\_

STATE OF IL                )  
                                  )ss  
COUNTY OF                )

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Robert Horvath, 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 \_\_\_\_\_ day of \_\_\_\_\_, 2006.

My commission expires:

\_\_\_\_\_  
Notary Public Signature

\_\_\_\_\_  
Printed Name of Notary Public

\_\_\_\_\_  
Bradley F. Jentz

DATE: \_\_\_\_\_

STATE OF IL                )  
                                  )ss  
COUNTY OF                )

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Bradley F. Jentz, 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 \_\_\_\_\_ day of \_\_\_\_\_, 2006.

My commission expires:

\_\_\_\_\_  
Notary Public Signature

\_\_\_\_\_  
Printed Name of Notary Public

## ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **MICHAEL F. COULAS, BUFFALO GROVE, IL; ROBERT HORVATH, ARLINGTON HEIGHTS, IL; and BRADLEY F. JENTZ, BARRINGTON, 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 **METHOD AND APPARATUS FOR MANAGEMENT OF INACTIVE CONNECTIONS FOR SERVICE CONTINUITY IN AN AGNOSTIC ACCESS INTERNET PROTOCOL MULTIMEDIA COMMUNICATION SYSTEM**(Docket No. CS27882RL), 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.

DATE: \_\_\_\_\_

\_\_\_\_\_  
Michael F. Coulas

STATE OF IL            )  
                                  )ss  
COUNTY OF            )

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Michael F. Coulas, 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 \_\_\_\_\_ day of \_\_\_\_\_, 2006.

My commission expires:

\_\_\_\_\_  
Notary Public Signature

\_\_\_\_\_  
Printed Name of Notary Public

*[Handwritten Signature]*

Robert Horvath

DATE: 10/16/06

STATE OF IL )  
COUNTY OF Cook )ss

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Robert Horvath, 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<sup>th</sup> day of OCTOBER, 2006.

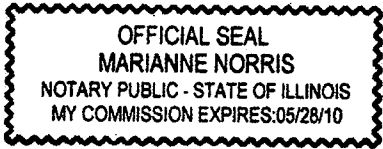
My commission expires: 5-28-2010

*[Handwritten Signature: Marianne Norris]*

Notary Public Signature

MARIANNE NORRIS

Printed Name of Notary Public



Bradley F. Jentz

DATE: \_\_\_\_\_

STATE OF IL )  
COUNTY OF )ss

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Bradley F. Jentz, 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 \_\_\_\_\_ day of \_\_\_\_\_, 2006.

My commission expires:

\_\_\_\_\_  
Notary Public Signature

\_\_\_\_\_  
Printed Name of Notary Public



## ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **MICHAEL F. COULAS, BUFFALO GROVE, IL; ROBERT HORVATH, ARLINGTON HEIGHTS, IL; and BRADLEY F. JENTZ, BARRINGTON, 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 **METHOD AND APPARATUS FOR MANAGEMENT OF INACTIVE CONNECTIONS FOR SERVICE CONTINUITY IN AN AGNOSTIC ACCESS INTERNET PROTOCOL MULTIMEDIA COMMUNICATION SYSTEM**(Docket No. CS27882RL), 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.

DATE: \_\_\_\_\_

\_\_\_\_\_  
Michael F. Coulas

STATE OF IL            )  
                                  )ss  
COUNTY OF            )

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Michael F. Coulas, 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 \_\_\_\_\_ day of \_\_\_\_\_, 2006.

My commission expires:

\_\_\_\_\_  
Notary Public Signature

\_\_\_\_\_  
Printed Name of Notary Public

Robert Horvath

DATE: \_\_\_\_\_

STATE OF IL )  
 )ss  
COUNTY OF )

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Robert Horvath, 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 \_\_\_\_\_ day of \_\_\_\_\_, 2006.

My commission expires:

\_\_\_\_\_  
Notary Public Signature

\_\_\_\_\_  
Printed Name of Notary Public

Bradley F. Jentz  
Bradley F. Jentz

DATE: October 16, 2006

STATE OF IL )  
 )ss  
COUNTY OF COOK )

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Bradley F. Jentz, 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<sup>th</sup> day of October, 2006.

My commission expires:

Sheila R. Mannerino  
Notary Public Signature

SHEILA R. MANNERINO  
Printed Name of Notary Public

