

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Ningzhou Cui</td> <td>05/18/2011</td> </tr> <tr> <td>Frank F. Liang</td> <td>05/18/2011</td> </tr> <tr> <td>Jiangnan Jason Chen</td> <td>05/29/2011</td> </tr> </tbody> </table>		Name	Execution Date	Ningzhou Cui	05/18/2011	Frank F. Liang	05/18/2011	Jiangnan Jason Chen	05/29/2011				
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RECEIVING PARTY DATA													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>MOTOROLA SOLUTIONS, INC.</td> </tr> <tr> <td>Street Address:</td> <td>1303 EAST ALGONQUIN ROAD</td> </tr> <tr> <td>Internal Address:</td> <td>IL01 / 11TH FLOOR</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 SOLUTIONS, INC.	Street Address:	1303 EAST ALGONQUIN ROAD	Internal Address:	IL01 / 11TH FLOOR	City:	SCHAUMBURG	State/Country:	ILLINOIS	Postal Code:	60196
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CORRESPONDENCE DATA													
<p>Fax Number: (847)576-3750</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 847-576-5217</p> <p>Email: USAcketing@motorolasolutions.com</p> <p>Correspondent Name: MOTOROLA SOLUTIONS, INC. IP Law Docketin</p> <p>Address Line 1: 1303 EAST ALGONQUIN ROAD</p> <p>Address Line 2: IL01/11th Floor</p> <p>Address Line 4: SCHAUMBURG, ILLINOIS 60196</p>													
ATTORNEY DOCKET NUMBER:	CM13885												
NAME OF SUBMITTER:	Vernice Freebourne												
Total Attachments: 12													

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PATENT
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ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **NINGZHOU CUI, FOX GROVE, IL; FRANK F. LIANG, LISLE, IL and JIANGNAN JASON CHEN, HAWTHORN WOODS, 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 **GRANTING SCHEDULING REQUESTS IN A WIRELESS COMMUNICATION SYSTEM** (Docket No. **CM13885; U.S. Application No. 13/097,765, Filing Date: April 29, 2011**), 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 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.



Ningzhou Cui

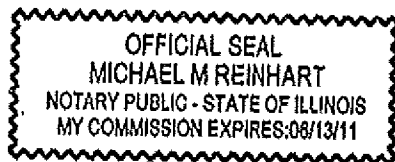
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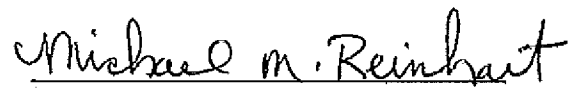
STATE OF IL)
COUNTY OF Cook)ss

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Ningzhou Cui, 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 18th day of May, 2011.

My commission expires:





Notary Public Signature
Michael M. Reinhart

Printed Name of Notary Public

Frank F. Liang

DATE: _____

STATE OF IL)
)ss
COUNTY OF _____)

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Frank F. Liang, 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 _____, 2011.

My commission expires:

Notary Public Signature

Printed Name of Notary Public

Jiangnan Jason Chen

DATE: _____

STATE OF IL }
 }ss
COUNTY OF _____)

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Jiangnan Jason Chen, 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 _____, 2011.

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, **NINGZHOU CUI, FOX GROVE, IL; FRANK F. LIANG, Lisle, IL and JIANGNAN JASON CHEN, Hawthorn Woods, 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 **GRANTING SCHEDULING REQUESTS IN A WIRELESS COMMUNICATION SYSTEM** (Docket No. **CM13885; U.S. Application No. 13/097,765, Filing Date: April 29, 2011**), 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 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.

Ningzhou Cui

DATE: _____

STATE OF IL)
COUNTY OF _____)ss

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Ningzhou Cui, 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 _____, 2011.

My commission expires:

Notary Public Signature

Printed Name of Notary Public

Frank F. Liang

Frank F. Liang

DATE: 5/18/2011

STATE OF IL

COUNTY OF DePage) ss

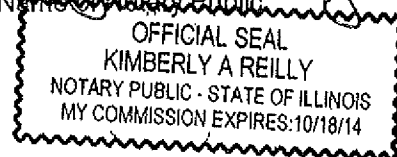
The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Frank F. Liang, whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered the instrument as their free and voluntary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

Given under my hand and notarial seal this 18th day of May, 2011.

My commission expires:

Kimberly A. Reilly
Notary Public Signature

Kimberly A. Reilly
Printed Name of Notary Public



Jiangnan Jason Chen

DATE: _____

STATE OF IL)
)ss
COUNTY OF _____)

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Jiangnan Jason Chen, 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 _____, 2011.

My commission expires:

Notary Public Signature

Printed Name of Notary Public

PATENT

ASSIGNMENT AND AGREEMENT

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Ningzhou Cui
DATE: _____
STATE OF IL)
COUNTY OF _____)ss

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Given under my hand and notarial seal this _____ day of _____, 2011.

My commission expires:

Notary Public Signature

Printed Name of Notary Public

Frank F. Liang

DATE: _____

STATE OF IL)
)ss
COUNTY OF _____)

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Frank F. Liang, 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 _____, 2011.

My commission expires:

Notary Public Signature

Printed Name of Notary Public

Jiangnan Jason Chen

DATE: 5/29/2011

gunzhang

1st Witness (signature)

5/29/2011

Date

gunzhang

Please print name

xin yi Wang

2nd Witness (signature)

5/29/2011

Date

xinyi Wang

Please print name