

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
QICAI SHI	12/10/2009
NEIYER S. CORREAL	12/10/2009
SPYROS KYPEROUNTAS	12/10/2009
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	MOTOROLA, INC.
<b>Street Address:</b>	1303 E. ALGONQUIN ROAD
<b>Internal Address:</b>	LAW DEPARTMENT
<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>	12638391
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(847)576-3750
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	847-576-5217
<b>Email:</b>	Docketing.US@motorola.com
<b>Correspondent Name:</b>	MOTOROLA, INC.
<b>Address Line 1:</b>	1303 EAST ALGONQUIN ROAD
<b>Address Line 2:</b>	IL01/3RD
<b>Address Line 4:</b>	SCHAUMBURG, ILLINOIS 60196
<b>ATTORNEY DOCKET NUMBER:</b>	CM12892
<b>NAME OF SUBMITTER:</b>	ANTHONY P. CURTIS
Total Attachments: 4	

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**PATENT  
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## ASSIGNMENT AND AGREEMENT

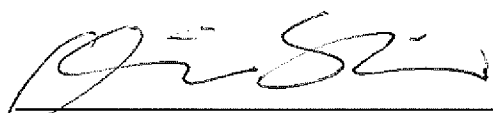
For good and valuable consideration, the receipt of which is hereby acknowledged, we, **Qicai Shi**, a resident of Coral Springs, Florida; **Neiyer Correial**, a resident of Cooper City, Florida and **Spyros Kyperountas**, a resident of Weston, Florida have sold, assigned and transferred, and do hereby 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 OF SIGNAL TO TIME-SPECTRUM CHANNEL RESOURCE MAPPING FOR WIRELESS COMMUNICATION SYSTEM** (Docket No. **CM12892**), 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.

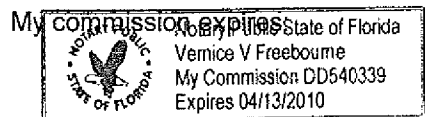
  
\_\_\_\_\_  
Qicai Shi

DATE: Dec-10-09

STATE OF FLORIDA            )  
                                      )ss     PLANTATION  
COUNTY OF BROWARD        )

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that **Qicai Shi**, 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 10 day of December, 2009.



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

VERNICE V. FREEBOURNE  
Printed Name of Notary Public

Neiyer Correal  
Neiyer Correal

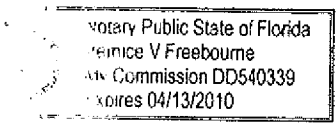
DATE: Dec 10 2009

STATE OF FLORIDA            )  
  )ss     PLANTATION  
COUNTY OF BROWARD        )

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that **Neiyer Correal**, 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.

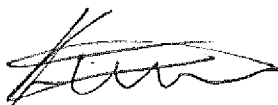
Given under my hand and notarial seal this 10 day of December, 2009.

My commission expires:



Vernice Freebourne  
Notary Public Signature

VERNICE V. FREEBOUNE  
Printed Name of Notary Public



**Spyros Kyperountas**

DATE: Dec 10/09

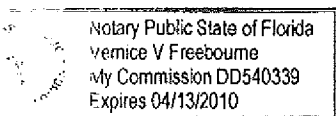
STATE OF FLORIDA        )  
                                  )ss     PLANTATION  
COUNTY OF BROWARD    )

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that **Spyros Kyperountas**, 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 10 day of December, 2009.

My commission expires:

Vernice V Freebourne  
Notary Public Signature



VERNICE V. FREEBOURNE  
Printed Name of Notary Public