

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
Name	Execution Date
Rapeepat Ratasuk	07/27/2010
Amitabha Ghosh	07/27/2010
Bishwarup Mondal	07/28/2010
<b>RECEIVING PARTY DATA</b>	
Name:	Motorola, Inc.
Street Address:	1303 E. Algonquin Road
Internal Address:	IL01-3rd Floor
City:	Schaumburg
State/Country:	ILLINOIS
Postal Code:	60196
<b>PROPERTY NUMBERS Total: 1</b>	
Property Type	Number
Application Number:	12848448
<b>CORRESPONDENCE DATA</b>	
Fax Number:	(847)576-3750
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	847-538-2725
Email:	Docketing.us@motorola.com
Correspondent Name:	Motorola, Inc.
Address Line 1:	1303 E. Algonquin Road
Address Line 2:	IL01-3rd Floor
Address Line 4:	Schaumburg, ILLINOIS 60196
ATTORNEY DOCKET NUMBER:	BCS06269
NAME OF SUBMITTER:	Robert J. Buccieri
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, **Rapeepat Ratasuk**, a resident of Hoffman Estates, Illinois; **Amitabha Ghosh**, a resident of Buffalo Grove, Illinois and **Bishwarup Mondal**, a resident of Oak Park, Illinois 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 CHANNEL SOUNDING IN AN ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING COMMUNICATION SYSTEM** (Docket No. **BCS06269**), 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.

R. Ratasuk  
Rapeepat Ratasuk

DATE: July 27, 2010

STATE OF ILLINOIS        )  
                                      )ss  
COUNTY OF COOK        )

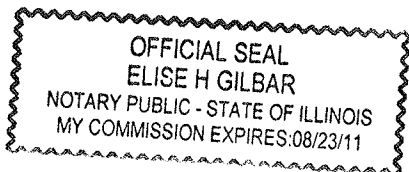
The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that **Rapeepat Ratasuk**, whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered the instrument as their free and voluntary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

Given under my hand and notarial seal this 27 day of July, 2010.

My commission expires:

Elise H Gilbar  
Notary Public Signature

Elise H Gilbar  
Printed Name of Notary Public



*Amitabha Ghosh*  
**Amitabha Ghosh**

DATE: July 27<sup>th</sup>, 2010

STATE OF ILLINOIS        )  
  )ss  
COUNTY OF COOK        )

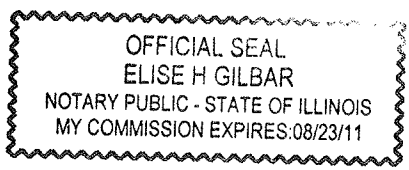
The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that **Amitabha Ghosh**, whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered the instrument as their free and voluntary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

Given under my hand and notarial seal this 27 day of July, 2010.

My commission expires:

*Elise H Gilbar*  
Notary Public Signature

Elise H Gilbar  
Printed Name of Notary Public



Bishwarup Mondal  
Bishwarup Mondal

DATE: 28 July 2010

STATE OF ILLINOIS     )  
                                  )ss  
COUNTY OF COOK     )

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that **Bishwarup Mondal**, 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 28 day of July, 2010.

My commission expires:

Elise H Gilbar  
Notary Public Signature

Elise H Gilbar  
Printed Name of Notary Public

