

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Frederick W. Vook</td> <td>11/07/2008</td> </tr> <tr> <td>Nicholas E. Buris</td> <td>11/07/2008</td> </tr> <tr> <td>Bruce D. Mueller</td> <td>11/10/2008</td> </tr> </tbody> </table>		Name	Execution Date	Frederick W. Vook	11/07/2008	Nicholas E. Buris	11/07/2008	Bruce D. Mueller	11/10/2008
Name	Execution Date								
Frederick W. Vook	11/07/2008								
Nicholas E. Buris	11/07/2008								
Bruce D. Mueller	11/10/2008								
RECEIVING PARTY DATA									
Name:	Motorola, Inc.								
Street Address:	1303 E. Algonquin Road								
Internal Address:	IL01-3rd Floor								
City:	Schaumburg								
State/Country:	ILLINOIS								
Postal Code:	60196								
PROPERTY NUMBERS Total: 1									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12267745</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12267745				
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Application Number:	12267745								
CORRESPONDENCE DATA									
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:	CE17805								
NAME OF SUBMITTER:	Lalita W. Pace								
Total Attachments: 4									

CH \$40.00 12267745

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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, **FREDERICK W. VOOK, SCHAUMBURG, ILLINOIS; NICHOLAS E. BURIS, DEER PARK, ILLINOIS AND BRUCE D. MUELLER, PALATINE, 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 **ANTENNA RECIPROCITY CALIBRATION** (Docket No. **CE17805**), 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.

Frederick W. Vook
Frederick W. Vook

DATE: 11/7/08

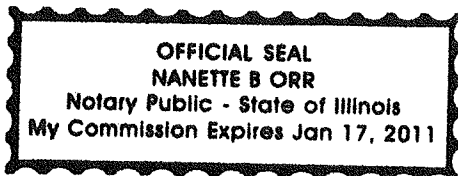
STATE OF Illinois)
COUNTY OF COOK)ss

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Frederick W. Vook 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 7th day of November, 2008.

My commission expires: 01/17/2011

Nanette B. Orr
Notary Public Signature
Nanette B. Orr
Printed Name of Notary Public



Nicholas E. Buris
Nicholas E. Buris

DATE: Nov. 7th, 2008

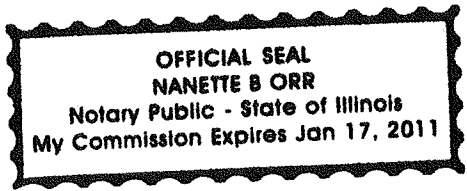
STATE OF Illinois)
COUNTY OF Cook)ss

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Nicholas E. Buris 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 7th day of November, 2008.

My commission expires: 01/17/2011

Nanette B. Orr
Notary Public Signature
Nanette B. Orr
Printed Name of Notary Public



Bruce Mueller
Bruce D. Mueller

DATE: 11/10/08

STATE OF Illinois)
COUNTY OF Cook)ss

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Bruce D. Mueller 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 10th day of November, 2008.

My commission expires: 01/17/2011

Nanette B. Orr
Notary Public Signature
Nanette B. Orr
Printed Name of Notary Public

