

PATENT ASSIGNMENT

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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>Execution Date</th> </tr> </thead> <tbody> <tr> <td>David R. Maas</td> <td>10/12/2007</td> </tr> <tr> <td>Ravi M. Adatrao</td> <td>10/12/2007</td> </tr> <tr> <td>Pramod Karnam</td> <td>10/12/2007</td> </tr> <tr> <td>Mark J. Marsan</td> <td>10/17/2007</td> </tr> </tbody> </table>		Name	Execution Date	David R. Maas	10/12/2007	Ravi M. Adatrao	10/12/2007	Pramod Karnam	10/12/2007	Mark J. Marsan	10/17/2007
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David R. Maas	10/12/2007										
Ravi M. Adatrao	10/12/2007										
Pramod Karnam	10/12/2007										
Mark J. Marsan	10/17/2007										
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>11876811</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11876811						
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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.schaumburg@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:	CE16713R										
NAME OF SUBMITTER:	Brian M. Mancini										

CH \$40.00 11876811

Total Attachments: 5

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ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **DAVID R. MAAS, PALATINE, ILLINOIS; RAVI M. ADATRAO, WEST DUNDEE, ILLINOIS; PRAMOD KARNAM, ROLLING MEADOWS, ILLINOIS AND MARK J. MARSAN, ELMHURST, 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 **HARQ TRANSMISSION FEEDBACK FOR HIGHER LAYER PROTOCOLS IN A COMMUNICATION SYSTEM** (Docket No. **CE16713R**), 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.

David R. Maas
David R. Maas

DATE: 10/12/07

STATE OF Illinois)
COUNTY OF Cook)ss

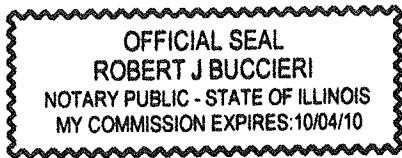
The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that David R. Maas whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered the instrument as their free and voluntary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

Given under my hand and notarial seal this 12th day of October, 2007.

My commission expires: 10/4/10

Robert J. Buccieri
Notary Public Signature

ROBERT J. BUCCIERI
Printed Name of Notary Public



Ravi M. Adatrao
Ravi M. Adatrao

DATE: Oct 12th 2007.

STATE OF Illinois)
COUNTY OF Cook)ss

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Ravi M. Adatrao 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 12th day of October, 2007.

My commission expires: 01/17/2011

Nanette B. Orr

Notary Public Signature

Nanette B. Orr

Printed Name of Notary Public



Pramod Karnam
Pramod Karnam

DATE: 10/12/2007

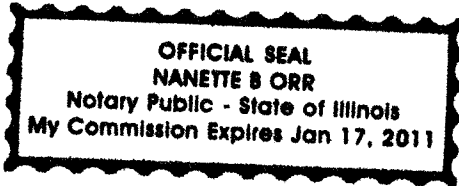
STATE OF Illinois)
COUNTY OF Cook)ss

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Pramod Karnam 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 12th day of October, 2007.

My commission expires: 01/17/2011

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



Mark J. Marsan
Mark J. Marsan

DATE: Oct. 17, 2007

STATE OF Illinois)
COUNTY OF Cook)ss

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Mark J. Marsan 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 17th day of October, 2007.

My commission expires: 01/17/2011

Nanette B. Orr
Notary Public Signature

Nanette B. Orr
Printed Name of Notary Public

