

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Ravikiran Nory	03/03/2010
Ravi Kuchibhotla	03/03/2010
Robert T. Love	03/03/2010
Vijay Nangia	03/03/2010
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	
Property Type	Number
Application Number:	12709476
CORRESPONDENCE DATA	
Fax Number:	(847)523-2350
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	847-523-2350
Email:	docketing.libertyville@motorola.com
Correspondent Name:	Motorola, Inc.
Address Line 1:	600 North U.S. Highway 45
Address Line 4:	Libertyville, ILLINOIS 60048
ATTORNEY DOCKET NUMBER:	CS37560
NAME OF SUBMITTER:	Becky Check

CH \$40.00 12709476

Total Attachments: 4

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PATENT

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **RAVIKIRAN NORY, BUFFALO GROVE, IL; RAVI KUCHIBHOTLA, GURNEE, IL; ROBERT T. LOVE, BARRINGTON, IL; AND VIJAY NANGIA, ALGONQUIN, IL;** 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 entitled **“Multi-Carrier Control Signaling Reception with Reduced Complexity”** as described and illustrated in **Motorola Disclosure ID CS37560 (60685)** and as described, illustrated in the following:

- 1.) **U.S. Non-Provisional Application No. 12/709,476, Confirmation No. 6740** filed on **February 20, 2010** entitled **“MULTI-CARRIER CONTROL SIGNALING IN WIRELESS COMMUNICATION SYSTEM” (Attorney Docket No. CS37560),**

together with the entire right, title and interest in and to the applications, and in and to Letters Patent which may be issued upon the application(s) or any application(s) claiming priority thereto, and upon any divisions, extensions, continuations, reissues or re-examinations of such applications.

We hereby also sell, assign and transfer unto Assignee, the entire right, title and interest in and to other applications for Letters Patent on the inventions referenced in this Assignment and Agreement, including any applications specifically referenced in this Assignment and Agreement, and all rights, title and interest in and to all applications for Letters Patent in respect of the invention filed under any and all international conventions and treaties together with the entire right, title and interest in and to Letters Patent which may be issued upon the applications, and upon any divisions, extensions, continuations, reissues and/or re-examinations thereof.

We further authorize Assignee to apply for Letters Patent directly in its own name where applicable, and to claim priority of the filing date of the application for

Letters Patent filed under the laws of the applicable country and 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 any Letters Patents upon the aforesaid application(s), divisions, extensions, continuations, reissues or re-examinations, to Assignee, for the sole use and benefit of Assignee, 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 us 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 Assignee.

We agree that, when requested, we will, without charge to Assignee, but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing, maintaining and enforcing patents for the inventions in any and all countries and for vesting title thereto in Assignee.

We covenant with Assignee that the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license or other encumbrance.

[Handwritten Signature]

MARCH - 3 - 2010.

Ravikiran Nory

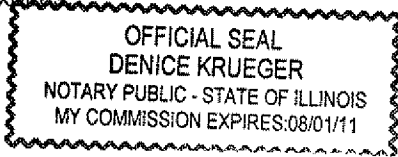
Date

STATE OF IL)
COUNTY OF Lake)ss

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Ravikiran Nory, 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 3rd day of March, 2010.

My commission expires:



[Handwritten Signature]
Notary Public Signature
Denice Krueger
Printed Name of Notary Public

[Handwritten Signature]

March 3, 2010

Ravi Kuchibhotla

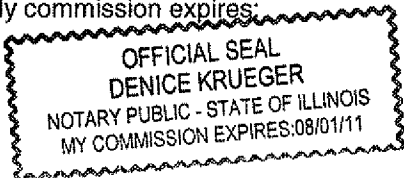
Date

STATE OF IL)
COUNTY OF Lake)ss

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Ravi Kuchibhotla, 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 3rd day of March, 2010.

My commission expires:



[Handwritten Signature]
Notary Public Signature
Denice Krueger
Printed Name of Notary Public

Robert T. Love
Robert T. Love

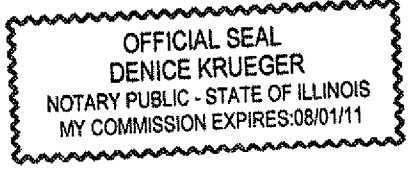
3 March 2010
Date

STATE OF IL)
COUNTY OF lake)ss

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Robert T. Love, 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 3rd day of March, 2010.

My commission expires:



Denice Krueger
Notary Public Signature
Denice Krueger
Printed Name of Notary Public

Vijay Nangia
Vijay Nangia

3/3/2010
Date

STATE OF IL)
COUNTY OF lake)ss

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Vijay Nangia 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 3rd day of March, 2010.

My commission expires:



Denice Krueger
Notary Public Signature
Denice Krueger
Printed Name of Notary Public