## PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
RAVIKIRAN NORY	08/06/2012
RAVI KUCHIBHOTLA	08/24/2012
ROBERT T. LOVE	08/06/2012
VIJAY NANGIA	08/08/2012
MURALI NARASIMHA	08/06/2012
AJIT NIMBALKER	08/24/2012

### **RECEIVING PARTY DATA**

Name:	MOTOROLA MOBILITY LLC
Street Address:	600 NORTH US HIGHWAY 45
City:	LIBERTYVILLE
State/Country:	ILLINOIS
Postal Code:	60048

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14306663

### **CORRESPONDENCE DATA**

Fax Number: (908)654-0415

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: (908) 518-6379

Assignment@ldlkm.com Email:

**Correspondent Name:** LDLK&M

Address Line 1: 600 SOUTH AVENUE WEST

Address Line 4: WESTFIELD, NEW JERSEY 07090

ATTORNEY DOCKET NUMBER:	GOOGLE 3.0-1554 CON (E)	
NAME OF SUBMITTER:	NOELLE L. CACCIABEVE	
SIGNATURE:	/Noelle L. Cacciabeve/	
DATE SIGNED:	04/15/2015	

**Total Attachments: 7** 

**PATENT REEL: 035414 FRAME: 0177** 

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PATENT REEL: 035414 FRAME: 0178

# ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, on the date indicated by my signature below, RAVIKIRAN NORY, RAVI KUCHIBHOTLA, ROBERT T. LOVE, VIJAY NANGIA, MURALI NARASIMHA and AJIT NIMBALKER whose residence is indicated adjacent the signature below, (the "Assignor"), hereby acknowledge that I have sold, assigned and transferred, and do hereby sell, assign and transfer, unto Motorola Mobility LLC, a Limited Liability Company of the State of Delaware, having its principal office in Libertyville, State of Illinois, United States of America, and its successors, assigns, and legal representatives, (the "Assignee"), the entire right, title and interest in and to certain inventions entitled "Methods for Receiving a Control Channel" as described, illustrated in Motorola Disclosure ID. (64778) CS40546 and as described, illustrated and claimed in the following applications:

U.S. Application No. 13/566,381, filed on August 3, 2012 entitled "Method and Apparatus for Receiving a Control Channel";

I 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, 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 application(s) or any application(s) otherwise claiming priority thereto, and upon any divisions, extensions, continuations, reissues and/or re-examinations of such application(s).

I 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.

I hereby authorize Assignee to request the Commissioner of Patents of the United States of America to issue any Letters Patents upon the aforesaid application,

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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 me had this assignment not been made, and I hereby authorize Assignee to request the equivalent authorities in foreign countries to issue the patents of their respective countries to Assignee.

I agree that, when requested, I 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.

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

Scard		AUG-06-2012
RAVIKIRAN NORY		DATE
BUFFALO GROVE, ILL	INOIS	
STATE OF ILLINOIS	)	
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  $\frac{1}{2}$ 

\_day of \_ + 10005 , 2012.

My commission expires:

OFFICIAL SEAL
DENICE KRUEGER
Notary Public - State of Illinois
My Commission Expires Aug 23, 2015

Printed Name of Notary Public

tary Public Signature

Zmik	8/24/2012
RAVI KUCHIBHOTIA	DATE
GURNEE, ILLINOIS	<u> </u>
STATE OF ILLINOIS )	
) ss COUNTY OF Lake )	
The undersigned Notary Public in and for the Coucertify that <b>RAVI KUCHIBHOTLA</b> , whose name is sinstrument, appeared before me this day in person a	ubscribed to the foregoing

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 <u>AHVN</u> day of <u>Huqus</u>

Notary Public Signature

My commission expires:

OFFICIAL SEAL DENICE KRUEGER Notary Public - State of Illinois My Commission Expires Aug 23, 2015 Printed Name of Notary Public

Robert T. Love	6 AUG ZO1Z DATE
ROBERT T. LOVE	DATE
BARRINGTON, ILLINOIS	
STATE OF ILLINOIS )	
STATE OF ILLINOIS ) ) ss COUNTY OF Lake )	
certify that <b>ROBERT T. LOVE</b> , whose appeared before me this day in person	nd for the County and State aforesaid, do hereby name is subscribed to the foregoing instrument, n and acknowledged that they signed, sealed and and voluntary act and deed for the uses and

Given under my hand and notarial seal this \_\_\_\_\_ day of \_

anian lang

My commission expires:

purposes therein set forth.

Notary Public Signature

OFFICIAL SEAL
DENICE KRUEGER
Notary Public - State of Illinois
My Commission Expires Aug 23, 2015

Printed Name of Notary Public

VIJAY NANGIA	Aug 8, 2012.
VIJAY NANGIA T	DATE 0
ALGONQUIN, ILLINOIS	<del></del>
STATE OF ILLINOIS )	
county of Lake ) ss	
The undersigned Notary Public in and for the certify that <b>VIJAY NANGIA</b> , whose name is sub appeared before me this day in person and ackredelivered the instrument as their free and volunt purposes therein set forth.	scribed to the foregoing instrument, nowledged that they signed, sealed and ary act and deed for the uses and
Given under my hand and notarial seal this _	gun day of August, 2012.
My commission expires:	Notary Public Signature
OFFICIAL SEAL DENICE KRUEGER Notary Public - State of Illinois My Commission Expires Aug 23, 2015	Printed Name of Notary Public

ES39339RS
MURALI NARASIMHA

Aug 6 2012

DATE

LAKE ZURICH, ILLINOIS

STATE OF ILLINOIS

STATE OF ILLINOIS

On the undersigned Notary Public in and for the County and State aforesaid, do hereby certify that MURALI NARASIMHA, 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 \_\_\_\_\_\_

day of Hugust, 2012

My commission expires:

OFFICIAL SEAL DENICE KRUEGER Notary Public - State of Illinois My Commission Expires Aug 23, 2015

Printed Name of Notary Public

Notary Public Signatur

GS39339RS

Ast Ninhalm	Ang 24 2012
AJIT NIMBALKER	DATE
BUFFALO GROVE, ILLINOIS	
STATE OF ILLINOIS )	
STATE OF ILLINOIS )  COUNTY OF Lake )	
certify that AJIT NIMBALKER, whose appeared before me this day in person	d for the County and State aforesaid, do hereby name is subscribed to the foregoing instrument, and acknowledged that they signed, sealed and nd voluntary act and deed for the uses and

Given under my hand and notarial seal this AHM day of \_

My commission expires:

purposes therein set forth.

OFFICIAL SEAL
DENICE KRUEGER
Notary Public - State of Illinois
My Commission Expires Aug 23, 2015

Notary Public Signature

Printed Name of Notary Public