#### 503248068 04/02/2015

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3294686

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
HYEJUNG JUNG	08/31/2012
COLIN D. FRANK	09/06/2012
SANDEEP H. KRISHNAMURTHY	09/05/2012
VIJAY NANGIA	08/31/2012

# **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:	14676300

## **CORRESPONDENCE DATA**

Fax Number: (908)654-7866

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) 518-6385

Email: Assignment@ldlkm.com

**Correspondent Name:** LDLK&M

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Address Line 4: WESTFIELD, NEW JERSEY 07090

ATTORNEY DOCKET NUMBER:	GOOGLE 3.0-1575 DIV I (E)
NAME OF SUBMITTER:	ANDREW T. ZIDEL
SIGNATURE:	/Andrew T. Zidel/
DATE SIGNED:	04/02/2015

### **Total Attachments: 6**

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**PATENT** REEL: 035320 FRAME: 0847 503248068

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PATENT REEL: 035320 FRAME: 0848

### ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, HYEJUNG JUNG, PALATINE, ILLINOIS; COLIN D. FRANK, PARK RIDGE, ILLINOIS; SANDEEP H. KRISHNAMURTHY, MOUNTAIN VIEW, CALIFORNIA AND VIJAY NANGIA, ALGONQUIN, ILLINOIS, 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 entire right, title and interest for the United States of America in and to certain inventions entitled "Methods for Mitigating Self-Interference in Carrier Aggregation User Equipments" as described, illustrated in Motorola Disclosure ID (62869) CS38682 and as described, illustrated and claimed in the following applications:

- 1.) U.S. Application No. 13/587314, filed on August 16, 2012 entitled "SELF-INTERFERENCE HANDLING IN A WIRELESS COMMUNICATION TERMINAL SUPPORTING CARRIER AGGREGATION"; and
- 2. U.S. Application No. 61/524139, filed on August 16, 2011 entitled "SELF-INTERFERENCE HANDLING IN A WIRELESS COMMUNICATION TERMINAL SUPPORTING CARRIER AGGREGATION."

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 reexaminations 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.

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> PATENT REEL: 035320 FRAME: 0849

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, 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.

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Hyejung Jung	DATE: 8/31/2012 .
STATE OF Illinois )	
COUNTY OF MINT	

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Hyejung Jung 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 218

ay of MM

My commission expires:

OFFICIAL SEAL NANETTE B ORR Notary Public - State of Illinois My Commission Expires Jan 17, 2015

Printed Name of Notary Public

Notary Public Signature

CS38682 Page 3 of 6 Colin D. Frank

STATE OF Illinois
COUNTY OF

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Colin D. Frank 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 

Authorized to the county and State aforesaid, do hereby certify that Colin D. Frank 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

My commission expires:

OFFICIAL SEAL NANETTE B ORR Notary Public - State of Illinois My Commission Expires Jan 17, 2015

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Sandeep H. Krishnamurthy	DATE:	Sep 5, 2012
Signed In:  City: Sunny vale, CA  Country: VSA		
Witness No.1 Signature  Joseph H. Kwok  Witness No.1 Name  San Francisco  Witness No.1 Residential Address	Date:	Sept 5, 2012
Witness No.1 Residential Address		
Peyno Hadigas Witness No.2 Signature  Poynan Had Italy Witness No.2 Name  Exclused City CA Witness No.2 Residential Address		Sept. 5, 2012
Witness No.2 Residential Address		

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Vijay Nangia	DATE:	8/31/12
STATE OF Illinois ) COUNTY OF ( ) )ss		
The undersigned Notary Public in and certify that Vijay Nangia whose name is before me this day in person and acknowinstrument as their free and voluntary acforth.  Given under my hand and notarial seems.  My commission expires:	subscribed to the wledged that the strand deed for the seal this	ne foregoing instrument, appeared ey signed, sealed and delivered the he uses and purposes therein set
OFFICIAL SEAL NANETTE B ORR Notary Public - State of Illinois My Commission Expires Jan 17, 2015	NA	Name of Notary Public

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**RECORDED: 04/02/2015**