502911248 07/29/2014

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RAVIKIRAN NORY	05/05/2014
SANDEEP H. KRISHNAMURTHY	07/24/2014
RAVI KUCHIBHOTLA	04/29/2014
ROBERT T. LOVE	05/05/2014
VIJAY NANGIA	05/06/2014
AJIT NIMBALKER	05/05/2014

RECEIVING PARTY DATA

Name:	MOTOROLA MOBILITY LLC
Street Address:	222 WEST MERCHANDISE MART PLAZA
Internal Address:	SUITE 1800
City:	CHICAGO
State/Country:	ILLINOIS
Postal Code:	60654

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14243080

CORRESPONDENCE DATA

Fax Number: (312)291-4033

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: 2246458413

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ATTORNEY DOCKET NUMBER:	CS41660
NAME OF SUBMITTER:	NANETTE B. ORR
SIGNATURE:	/Nanette B. Orr/
DATE SIGNED:	07/29/2014

502911248 PATENT REEL: 033409 FRAME: 0001

Total Attachments: 8 source=CS41660_ASSIGNMENT#page1.tif source=CS41660_ASSIGNMENT#page2.tif source=CS41660_ASSIGNMENT#page3.tif source=CS41660_ASSIGNMENT#page4.tif source=CS41660_ASSIGNMENT#page5.tif source=CS41660_ASSIGNMENT#page6.tif source=CS41660_ASSIGNMENT#page7.tif source=CS41660_ASSIGNMENT#page8.tif

PATENT REEL: 033409 FRAME: 0002

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, RAVIKIRAN NORY, BUFFALO GROVE, ILLINOIS; SANDEEP H. KRISHNAMURTHY, MOUNTAIN VIEW, CALIFORNIA; RAVI KUCHIBHOTLA, GURNEE, ILLINOIS; ROBERT T. LOVE, BARRINGTON, ILLINOIS; VIJAY NANGIA, ALGONQUIN, ILLINOIS and AJIT NIMBALKER, BUFFALO GROVE, 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 Chicago, 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 "Signaling Enhancements for Small Cells" as described, illustrated in Disclosure ID (65803CS41660 and as described, illustrated and claimed in the following applications:

- 1.) U.S. Application No. 14/243080, filed on April 2, 2014 entitled "METHODS AND DEVICES FOR CELL DISCOVERY"; and
- 2. U.S. Application No. 61/807836, filed on April 3, 2013 entitled "METHODS AND DEVICES FOR CELL DISCOVERY".

I hereby also sell, assign and transfer unto Assignee, 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 I further authorize Assignee 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.

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)

CS41660 Page 1 of 8 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, 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.

•	
RAVIKIRAN NORY	DATE: 5/5/2014,
STATE OF ILLINOIS))ss)ss)	
certify that RAVIKIRAN NORY whose nar	Ah. Mr.
My commission expires:	Notary Public Signature Author B R
**************************************	Printed Name of Notary Public
OFFICIAL SEAL NANETTE B ORR Notary Public - State of Illinois	
Notary Public - State of Manager My Commission Expires Jun 12, 2017	

SANDEEP H. KRISHNAMURTHY	DATE: 9/24/2014
Signed In: City: SAN JOSE, CA Country: USA	
Witness No.1 Signature	Date:
Witness No.1 Name	
Witness No.1 Residential Address	
Witness No.1 Residential Address	
Witness No.2 Signature	Date:
Witness No.2 Name	
Witness No.2 Residential Address	

Witness No.2 Residential Address

	RAVI KUCHIBHOTLA	DATE: _	4/29/2014.
	STATE OF ILLINOIS) COUNTY OF ()	·	
Company of the contract of the	The undersigned Notary Public in and certify that RAVI KUCHIBHOTLA whose instrument, appeared before me this day sealed and delivered the instrument as thuses and purposes therein set forth. Given under my hand and notarial sea My commission expires: OFFICIAL NANETTI Notary Public My Commission Expires 1.	name is sur in person neir free ar al this	ubscribed to the foregoing and acknowledged that they signed.
-My C	OFFICIAL SEAL NANETTE B ORR NANETTE B ORR Otary Public - State of Illinois Commission Expires Jun 12, 2017		

ROBERT T. LOVE	- DATE: 5 May 2014
STATE OF ILLINOIS) ss)ss	
certify that ROBERT T. LOVE whose appeared before me this day in personal control of the control	and for the County and State aforesaid, do hereby name is subscribed to the foregoing instrument, on and acknowledged that they signed, sealed and and voluntary act and deed for the uses and all seal this they signed, 2014.
My commission expires:	Notary Public Signature Awth B
OFFICIAL SEAL NANETTE B ORR Notary Public - State of Illinois My Commission Expires Jun 12, 2017	Printed Name of Notary Public

VIJAY NANGIA	DATE: 5/6/14
STATE OF ILLINOIS COUNTY OF COOL))ss)
certify that VIJAY NAN- appeared before me th	tary Public in and for the County and State aforesaid, do hereby GIA whose name is subscribed to the foregoing instrument, s day in person and acknowledged that they signed, sealed and t as their free and voluntary act and deed for the uses and the
Given under my har	d and notarial seal this $\frac{QT}{Q}$ day of $\frac{Q}{Q}$ day $\frac{Q}{Q}$ $\frac{Q}{Q}$, 2014.
My commission expires:	Notary Public Signature
OFFICIAL SEAL NANETTE B ORR Notary Public - State of Ittinois My Commission Expires Jun 12, 20	Printed Name of Notary Public

Ant Nimbalum DATE: 05 MAY 2014
JIT NIMBALKER
TATE OF ILLINOIS)
OUNTY OF LOOK)
The undersigned Notary Public in and for the County and State aforesaid, do hereby ertify that AJIT NIMBALKER whose name is subscribed to the foregoing instrument, opeared before me this day in person and acknowledged that they signed, sealed and elivered the instrument as their free and voluntary act and deed for the uses and urposes therein set forth.
Given under my hand and notarial seal this 500 day of 1 100 2014.
 v commission expires: Notary Public Signature Auto Notary Public Signature
Printed Name of Notary Public
OFFICIAL SEAL NANETTE B ORR Notary Public - State of Illinois Notary Public - State of Illinois

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