

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2816980

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MURALI NARASIMHA	04/14/2014
VIJAY NANGIA	04/15/2014
RAVIKIRAN NORY	04/14/2014
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:	13938323
CORRESPONDENCE DATA	
Fax Number:	(312)291-4033
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
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Email:	docketing.mobility@motorola.com
Correspondent Name:	MOTOROLA MOBILITY LLC
Address Line 1:	222 WEST MERCHANDISE MART PLAZA
Address Line 2:	SUITE 1800
Address Line 4:	CHICAGO, ILLINOIS 60654
ATTORNEY DOCKET NUMBER:	CS41561
NAME OF SUBMITTER:	NANETTE B. ORR
SIGNATURE:	/Nanette B. Orr/
DATE SIGNED:	04/16/2014
Total Attachments: 5	
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ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **MURALI NARASIMHA, LAKE ZURICH, ILLINOIS; VIJAY NANGIA, ALGONQUIN, ILLINOIS AND RAVIKIRAN NORY, 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 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 "**Timing Issues in Network Controlled D2D**" as described, illustrated in Motorola Disclosure ID **(65705) CS41561** and as described, illustrated and claimed in the following applications:

- 1.) U.S. Application No. **13/938323**, filed on **July 10, 2013** entitled "**METHODS AND DEVICE FOR PREFORMING DEVE-TO-DEVICE COMMUNICATION**".

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, 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.

M. Narasimha

MURALI NARASIMHA

DATE: 4/14/2014

STATE OF ILLINOIS)
COUNTY OF Cook)ss

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 14th day of April, 2013. HNO

My commission expires:

Nanette B. Orr
Notary Public Signature

Nanette B. Orr
Printed Name of Notary Public



Vijay Nangia
VIJAY NANGIA

DATE: 4/15/2014

STATE OF ILLINOIS)
COUNTY OF Cook)ss

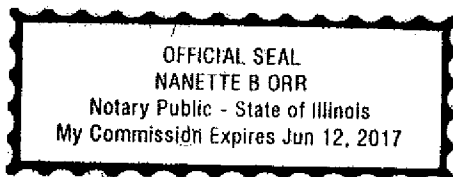
The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that VIJAY NANGIA whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered the instrument as their free and voluntary act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

Given under my hand and notarial seal this 15th day of April, 2013. 4/15/14

My commission expires:

Nanette B. Orr
Notary Public Signature

Nanette B. Orr
Printed Name of Notary Public



Sekir
RAVIKIRAN NORY

DATE: 14-APR-2014

STATE OF ILLINOIS)
COUNTY OF COOK)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 15th day of April, 2014 ¹⁴⁰⁰

My commission expires:

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

