PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Murali Narasimha	10/09/2009
Sandeep H. Krishnamurthy	10/09/2009
Ravi Kuchibhotla	10/09/2009

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:	12605759

CORRESPONDENCE DATA

Fax Number: (847)523-2350

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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: CS36503

NAME OF SUBMITTER: Becky Check

Total Attachments: 5

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> PATENT REEL: 023460 FRAME: 0841

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, MURALI NARASIMHA, LAKE ZURICH, IL; SANDEEP H KRISHNAMURTHY, ARLINGTON HEIGHTS, IL; AND RAVI KUCHIBHOTLA, GURNEE, IL; AND; 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 "Efficient Reselections in the Presence of Closed Subscriber Group Cells" as described, illustrated in Motorola Disclosure ID. CS36503 (56957) and as described, illustrated and claimed in the following:

 U.S. Provisional Application No. 61/111,257, Confirmation No. 1930 filed on November 4, 2008 entitled "Efficient Reselections in the Presence of Closed Subscriber Group Cells" (Atty. Docket No. CS36503);

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 applications, and upon any divisions, extensions, continuations, reissues or re-examinations thereof.

We hereby also sell, assign and transfer unto MOTOROLA, INC., 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 applications for Letters Patent in foreign countries, and we further authorize MOTOROLA, INC. 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.

We hereby authorize and 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 MOTOROLA, INC., for the

sole use and benefit of MOTOROLA, INC., its successors, assigns and legal representatives, 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 we hereby authorize and request the equivalent authorities in foreign countries to issue the patents of their respective countries to MOTOROLA, INC.

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

We covenant with MOTOROLA, INC., its successors, assigns and legal representatives, that the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license or other encumbrance.

Murali Narasimha	DATE:	10/9/09	
STATE OF IL) COUNTY OF LAVE)			
The undersigned Notary Public in and for certify that Murali Narasimha, whose name appeared before me this day in person and delivered the instrument as their free and purposes therein set forth. Given under my hand and notarial seal	ne is subsci d acknowled d voluntary	ribed to the foregoing instru dged that they signed, seale	iment, ed and s and
My commission expires:		ary Public Signature	-
OFFICIAL SEAL REBECCA L CHECK NOTARY PUBLIC - STATE OF ILLINOIS MY COMMISSION EXPIRES:01/13/13	<u>R</u> Prin	PBECA L CHECK ted Name of Notary Public	
-OR-	1 ⁸¹	WITNESS SIGNATURE [DATE
	1 81 ,	WITNESS PRINTED NAME	
-AND-	2 ND	WITNESS SIGNATURE [DATE
	2 ND	WITNESS PRINTED NAME	

Sandeep H Krishnamurthy	DATE:	10/09/09	
STATE OF IL) COUNTY OF LAKE)			
The undersigned Notary Public in and certify that Sandeep H Krishnamurthy, instrument, appeared before me this day sealed and delivered the instrument as uses and purposes therein set forth. Given under my hand and notarial sea	whose name in person and their free and	is subscribed to the statement is subscribed to the statement and the statement is subscribed to the statement is subscribed	foregoing by signed,
My commission expires:	Notar	ny Public Signature	eak
OFFICIAL SEAL REBECCA L CHECK NOTARY PUBLIC - STATE OF ILLINOIS MY COMMISSION EXPIRES:01/13/13	<u>RE</u> Printe	BECCA LCHECK ed Name of Notary Public	The state of the s
-OR-	1 ST W	VITNESS SIGNATURE	DATE
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-AND-	2 ND V	VITNESS SIGNATURE	DATE
	2 ND V	VITNESS PRINTED NAME	<u></u>

RECORDED: 11/03/2009

2 mit	DATE: October 9, 2009.
Ravi Kuchibhotla	DATE. VOICE
STATE OF IL))ss COUNTY OF LAKE)	
certify that Ravi Kuchibhotla, whose na appeared before me this day in person a	for the County and State aforesaid, do hereby me is subscribed to the foregoing instrument, and acknowledged that they signed, sealed and and voluntary act and deed for the uses and all this day of, 2009.
My commission expires:	Roboto & Check Notary Public Signature
OFFICIAL SEAL REBECCA L CHECK NOTARY PUBLIC - STATE OF ILLINOIS MY COMMISSION EXPIRES:01/13/13	Printed Name of Notary Public
-OR-	1 ST WITNESS SIGNATURE DATE
	1 ST WITNESS PRINTED NAME
-AND-	2 ^{NU} WITNESS SIGNATURE DATE
	2 ND WITNESS PRINTED NAME