PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PRAKASH R. IYER	11/04/2004
MURALI ARAVAMUDAN	11/21/2004
AJIT RAJASEKHARAN	11/15/2004

RECEIVING PARTY DATA

Name:	MOTOROLA, INC.
Street Address:	1303 E. ALGONQUIN ROAD
City:	SCHAUMBURG
State/Country:	ILLINOIS
Postal Code:	60196

PROPERTY NUMBERS Total: 1

Property Type	Number
Patent Number:	7783315

CORRESPONDENCE DATA

Fax Number:

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.

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ATTORNEY DOCKET NUMBER:	GP-100368-00-US-DIV
NAME OF SUBMITTER:	MICHELLE L. DAVIS
SIGNATURE:	/michelle I. davis/
DATE SIGNED:	11/18/2014

Total Attachments: 4

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PATFNT

503067000 REEL: 034202 FRAME: 0678

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, PRAKASH R. IYER, NORTH ANDOVER, MASSACHUSETTS; MURALI ARAVAMUDAN, WINDHAM, NEW HAMPSHIRE; and AJIT RAJASEKHARAN, EAST BRUNSWICK, NEW JERSEY, 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 relating to improvements in METHOD AND APPARATUS FOR PROVIDING PUSH-TO-TALK SERVICES IN A CELLULAR COMMUNICATION SYSTEM (Docket No. CE11886R), described, illustrated and claimed in an application for Letters Patent of the United States of America executed by us on the dates indicated by our signatures below, together with the entire right, title and interest in and to the application, and in and to Letters Patent which may be issued upon the application, and upon any division, extension, continuation or reissue 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 therefore 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 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 Letters Patent upon the aforesaid application, division, extension, continuation or reissue, 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

PATENT REEL: 034202 FRAME: 0679 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.

leaboully	DATE: Nov. 4, 2004
Prakash R. Iyer	
STATE OF MASSECHUSETTS)	
COUNTY OF Middle Sex) ss	

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Prakash R. Iyer 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.

> Charlene Victoria Albright Notary Public My Commission Expires March 10, 2006

Printed Name of Notary Public

Notary Public Signature

Murali Aravamudan	DATE: 1/22/04
STATE OF NEW HAMPSHIRE)	
COUNTY OF)	
Tankik, that Murali Arayamudan whose nat	at this 21 day of Normber 2004.
My commission expires.	Notary Public Signature
	Printed Name of Notary Public

Charlene Victoria Albright Notary Public My Commission Expires March 10, 2006

Ajit Rajasekharan	DATE: 11/15/4
STATE OF NEW JERSEY) (COUNTY OF Middle Sex)	
certify that Ajit Rajasekharan whose name appeared before me this day in person an delivered the instrument as their free and purposes therein set forth.	
Given under my hand and notarial seal	I this 15th day of November, 2004.
My commission expires: 3/21/08	Notary Public Signature
	Arlene Golda Germain Printed Name of Notary Public

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RECORDED: 11/18/2014