# PATENT ASSIGNMENT

# Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

# **CONVEYING PARTY DATA**

Name	Execution Date
TRENT J. MILLER	12/16/2009
ROD N. AVERBUCH	12/16/2009
JAMES A. MAROCCHI	12/16/2009
JAMES E. MATHIS	12/16/2009
DEBORAH J. MONKS	12/16/2009

#### **RECEIVING PARTY DATA**

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

#### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12642238

# **CORRESPONDENCE DATA**

Fax Number: (847)576-3750

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

847-576-5217 Phone:

Email: Docketing.US@motorola.com

Correspondent Name: MOTOROLA, INC.

Address Line 1: 1303 EAST ALGONQUIN ROAD

Address Line 2: IL01/3RD

Address Line 4: SCHAUMBURG, ILLINOIS 60196

ATTORNEY DOCKET NUMBER: CM12966

**REEL: 023677 FRAME: 0420** 

**PATENT** 

501046110

# NAME OF SUBMITTER: VALERIE M. DAVIS **Total Attachments: 18** source=CM12966\_USA\_EXECUTED\_ASSIGNMENT#page1.tif source=CM12966\_USA\_EXECUTED\_ASSIGNMENT#page2.tif source=CM12966\_USA\_EXECUTED\_ASSIGNMENT#page3.tif source=CM12966\_USA\_EXECUTED\_ASSIGNMENT#page4.tif source=CM12966\_USA\_EXECUTED\_ASSIGNMENT#page5.tif source=CM12966\_USA\_EXECUTED\_ASSIGNMENT#page6.tif source=CM12966\_USA\_EXECUTED\_ASSIGNMENT#page7.tif source=CM12966\_USA\_EXECUTED\_ASSIGNMENT#page8.tif source=CM12966\_USA\_EXECUTED\_ASSIGNMENT#page9.tif source=CM12966\_USA\_EXECUTED\_ASSIGNMENT#page10.tif source=CM12966\_USA\_EXECUTED\_ASSIGNMENT#page11.tif source=CM12966\_USA\_EXECUTED\_ASSIGNMENT#page12.tif source=CM12966\_USA\_EXECUTED\_ASSIGNMENT#page13.tif source=CM12966 USA EXECUTED ASSIGNMENT#page14.tif source=CM12966\_USA\_EXECUTED\_ASSIGNMENT#page15.tif

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#### ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, TRENT J. MILLER, WEST CHICAGO, IL; ROD N. AVERBUCH, CHICAGO, IL; JAMES A MAROCCHI, WINFIELD, IL; JAMES E. MATHIS, BARRINGTON, IL AND DEBORAH J. MONKS, PALATINE, IL 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 FOR BEARER ESTABLISHMENT IN A RADIO ACCESS NETWORK (Docket No CM12966), 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 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 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.

1 CM12966

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.

TRENT J. MILLER

DATE: 12/16/2009

STATE OF IL

COUNTY OF COOK

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that TRENT J. MILLER 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 / day of

<u> (BOVIRAGO C..., )</u>

My commission expires:

Notary Public Signature

Printed Name of Notary Public

CANCAL SEAL

SHEEL REMAINSTRAC

NOTABLY PLONES - STATE OF LLANCE

BY COMMINGOR DEPENDINGS 13

ROD N. AVERBUCH	ATE:	
STATE OF IL		
COUNTY OF COOK		
The undersigned Notary Public in and for the C that ROD N. AVERBUCH whose name is subscribefore me this day in person and acknowledged the instrument as their free and voluntary act and deed	bed to the foregoing at they signed, sealed	instrument, appeared d and delivered the
Given under my hand and notarial seal this	day of	, 2009.
My commission expires:		
	Notary Public Sig	gnature
	Printed Name of	Notary Public

DATE: /Z//6/09 DATE: /Z//6/09 COUNTY OF COOK

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that JAMES A. MAROCCHI 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 1/2 day of 1900/1001, 2009

My commission expires:

Notary/Public Signature

Drintad Name of Notory Public

Printed Name of Notary Public

OFFICAL SEAL
SMELLAR MANNERINO
LOCAL SEAL
SMELLAR MANNERINO
LOCAL SEAL
LOCAL SEAL
SMELLAR MANNERINO

JAMES E. MATHIS

STATE OF IL

COUNTY OF COOK

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that JAMES E. MATHIS 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 surposes therein set forth.

Given under my hand and notarial seal this daylof Almanda, 2009.

My commission expires:

Notary Public Signature

Notary Public Signature

Printed Name of Notary Public

DEBORAH J. MONKS	ATE:	
DEDOKMITS. MOMES		
STATE OF		
COUNTY OF		
The undersigned Notary Public in and for the Contract DEBORAH J. MONKS whose name is subscribefore me this day in person and acknowledged the instrument as their free and voluntary act and deed	ibed to the foregoing at they signed, sealed	instrument, appeared and delivered the
Given under my hand and notarial seal this	day of	, 2009.
My commission expires:		
	Notary Public Sig	nature
	Printed Name of N	Notary Public

#### ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, TRENT J. MILLER, WEST CHICAGO, IL; ROD N. AVERBUCH, CHICAGO, IL; JAMES A MAROCCHI, WINFIELD, IL; JAMES E. MATHIS, BARRINGTON, IL AND DEBORAH J. MONKS, PALATINE, IL 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 FOR BEARER ESTABLISHMENT IN A RADIO ACCESS NETWORK (Docket No CM12966), 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 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 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.

CM12966

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.

TRENT J. MILLER	ATE:	
STATE OF IL		
COUNTY OF COOK		
The undersigned Notary Public in and for the C that TRENT J. MILLER whose name is subscribed me this day in person and acknowledged that they their free and voluntary act and deed for the uses a	d to the foregoing insta signed, sealed and de	trument, appeared before livered the instrument a
Given under my hand and notarial seal this	day of	, 2009.
My commission expires:	Notary Public Sign	nature
	Printed Name of N	lotary Public

DATE: 12-16- 2009

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that ROD N. AVERBUCH 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 16 day of De

a EXPIRES:04/16/12

My commission expires:

Notary Public Signature

Printed Name of Notary Public

OFFICIAL SEAL
MARIA CORTEZ
NOTARY PUBLIC - STATE OF ILLINOIS
MY COMMISSION EXPIRES:04/16/12

	DATE:	
JAMES A. MAROCCHI	JATE	
STATE OF IL		
COUNTY OF COOK		
The undersigned Notary Public in and for the that JAMES A. MAROCCHI whose name is sub before me this day in person and acknowledged tinstrument as their free and voluntary act and deep the substruction of the contract of the contract and deep	scribed to the foregoing that they signed, sealed	ng instrument, appeared d and delivered the
Given under my hand and notarial seal this _	day of	, 2009.
My commission expires:		
	Notary Public Sig	gnature
	Printed Name of	Motory Public

D <sub>1</sub>	ATE:	
JAMES E. MATHIS		
STATE OF IL		
COUNTY OF COOK		
The undersigned Notary Public in and for the C that JAMES E. MATHIS whose name is subscribe me this day in person and acknowledged that they their free and voluntary act and deed for the uses a	ed to the foregoing ins signed, sealed and de	strument, appeared before elivered the instrument as
Given under my hand and notarial seal this	day of	, 2009.
My commission expires:		
	Notary Public Sign	nature
	Printed Name of N	Notary Public

DEBORAH J. MONKS	ATE:	
BBBOR III. MOITIG		
STATE OF		
COUNTY OF		
The undersigned Notary Public in and for the Cothat DEBORAH J. MONKS whose name is subscrbefore me this day in person and acknowledged that instrument as their free and voluntary act and deed	ibed to the foregoing at they signed, sealed	g instrument, appeared and delivered the
Given under my hand and notarial seal this	day of	, 2009.
My commission expires:		
	Notary Public Sig	gnature
	Printed Name of I	Notary Public

### ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, TRENT J. MILLER, WEST CHICAGO, IL; ROD N. AVERBUCH, CHICAGO, IL; JAMES A MAROCCHI, WINFIELD, IL; JAMES E. MATHIS, BARRINGTON, IL AND DEBORAH J. MONKS, PALATINE, IL 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 FOR BEARER ESTABLISHMENT IN A RADIO ACCESS NETWORK (Docket No CM12966), 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 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 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.

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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.

DA	TE:	
TRENT J. MILLER		
STATE OF IL		
COUNTY OF COOK		
The undersigned Notary Public in and for the C that TRENT J. MILLER whose name is subscribed me this day in person and acknowledged that they their free and voluntary act and deed for the uses a	l to the foregoing in signed, sealed and d	strument, appeared before elivered the instrument as
Given under my hand and notarial seal this	day of	, 2009.
My commission expires:	Notary Public Sig	nature
	Printed Name of	

12/16/2009 WED 16:26 FAX 8475760721

**2**011/014

ROD N. AVERBUCH	DATE:	
STATE ()P IL		
COUNTY OF COOK		
The undersigned Notary Public in and for the that ROD N. AVERBUCH whose name is substantiated in the substantial of the substan	scribed to the foregoing insti- I that they signed, sealed an	rument, appeared d delivered the
Given under my hand and notarial seal this	day of	, 2009.
My commission expires:		
	Notary Public Signatu	re
	Printed Name of Nota	ry Public

12/16/2009 WED 16:26 FAX 8475760721

JAMES A. MAROCCHI	DATE:	
STATE OF IL		
COUNTY OF COOK		
The undersigned Notary Public in and for the that JAMES A. MAROCCHI whose name is subefore me this day in person and acknowledged instrument as their free and voluntary act and d	obscribed to the foregoing I that they signed, sealed	g instrument, appeared and delivered the
Given under my hand and notarial seal this	day of	, 2009.
My commission expires:		
	Notery Public Sign	eaturé
	Printed Name of N	orary Public

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JAMES E. MATHIS	ATE:	
STATE OF IL		
COUNTY OF COOK		
The undersigned Notary Public in and for the C that JAMES E. MATHIS whose name is subscribe me this day in person and acknowledged that they their free and voluntary act and deed for the uses a	ed to the foregoing i signed, sealed and o	nstrument, appeared before lelivered the instrument as
Given under my hand and notarial seal this		
My commission expires:		
	Notary Public Si	gnature
	Printed Name of	Notary Public

2014/014

DEBORAH J. MONKS	DATE: 12-16-2009	
STATE OF HAWMI		
COUNTY OF MAUL		
The undersigned Notary Public in and for the that DEBORAH J. MONKS whose name is sub before me this day in person and acknowledged instrument as their free and voluntary act and de Given under my hand and notarial seal this	scribed to the foregoing instrument, appeared that they signed, sealed and delivered the sed for the uses and purposes therein set forth	
My commission expires:	Notary Public Signature	* 03-567 *
Dorrie L. Tobita Expiration Date: September 28, 2011	Notary Public Signature  Dorrie L. Tobita  Printed Name of Notary Public	OF HAMINI

Doc. Descript Id: Deckaration for Utility or Design Ratent
Application (37 CFR L63) Combined With Power of Attorney
Doc. Dene: Degmby 16, 2009 \*\* of Pgr. 13 2nd Circuit

Dorvic L Tobita

Printed Name of Notary

Mayor Of Notary

Cerl Date

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> PATENT REEL: 023677 FRAME: 0439

**RECORDED: 12/18/2009**