### PATENT ASSIGNMENT

# Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

## **CONVEYING PARTY DATA**

Name	Execution Date
NIR CORSE	05/13/2010
MOSHE BEN-AYUN	05/20/2010
OVADIA GROSSMAN	05/13/2010
MARK ROZENTAL	05/13/2010

### **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:	11736898

### **CORRESPONDENCE DATA**

Fax Number: (847)576-3750

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

Phone: 847-576-5217

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: CM08978EI

NAME OF SUBMITTER: ANTHONY P. CURTIS

**PATENT** 

REEL: 024428 FRAME: 0746

CH \$40.00 11/56

501184677

### Total Attachments: 12

source=CM08978EI\_USA\_EXECUTED\_CONFIRMATORY\_ASSIGNMENTS#page1.tif source=CM08978EI\_USA\_EXECUTED\_CONFIRMATORY\_ASSIGNMENTS#page2.tif source=CM08978EI\_USA\_EXECUTED\_CONFIRMATORY\_ASSIGNMENTS#page3.tif source=CM08978EI\_USA\_EXECUTED\_CONFIRMATORY\_ASSIGNMENTS#page4.tif source=CM08978EI\_USA\_EXECUTED\_CONFIRMATORY\_ASSIGNMENTS#page5.tif source=CM08978EI\_USA\_EXECUTED\_CONFIRMATORY\_ASSIGNMENTS#page6.tif source=CM08978EI\_USA\_EXECUTED\_CONFIRMATORY\_ASSIGNMENTS#page7.tif source=CM08978EI\_USA\_EXECUTED\_CONFIRMATORY\_ASSIGNMENTS#page8.tif source=CM08978EI\_USA\_EXECUTED\_CONFIRMATORY\_ASSIGNMENTS#page9.tif source=CM08978EI\_USA\_EXECUTED\_CONFIRMATORY\_ASSIGNMENTS#page10.tif source=CM08978EI\_USA\_EXECUTED\_CONFIRMATORY\_ASSIGNMENTS#page11.tif source=CM08978EI\_USA\_EXECUTED\_CONFIRMATORY\_ASSIGNMENTS#page11.tif source=CM08978EI\_USA\_EXECUTED\_CONFIRMATORY\_ASSIGNMENTS#page11.tif

PATENT REEL: 024428 FRAME: 0747

## **CONFIRMATORY ASSIGNMENT OF APPLICATION RIGHTS**

An assignment was recorded in the United States Patent and Trademark Office after the filing date of U.S. Application No. 11/736,898 that did not include the application number, and this assignment is being executed and recorded to confirm that assignment. For valuable consideration already received, the receipt and sufficiency of which is hereby acknowledged, on the date indicated by my signature below, NIR CORSE, whose residence is indicated beneath the signature below, (the "Assignor"), to ensure that the assignment dated 05/02/2007 and recorded by the United States Patent and Trademark Office on 06/25/2007 at Reel/Frame 019474/0645-0651, is completed, hereby acknowledge that I 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 "Assignee"), the entire right, title and interest in and to certain inventions entitled RECEIVER FOR USE IN WIRELESS COMMUNICATIONS AND METHOD OF OPERATION OF THE RECEIVER as described, illustrated in Motorola Disclosure ID. CM08978EI and as described, illustrated and claimed in the following applications:

U.S. Application No. 11/736,898, filed 04/18/2007 entitled RECEIVER FOR USE IN WIRELESS COMMUNICATIONS AND METHOD OF OPERATION OF THE RECEIVER

CHINESE Application No. 200780015358.X filed 04/13/2007 entitled RECEIVER FOR USE IN WIRELESS COMMUNICATIONS AND METHOD OF OPERATION OF THE RECEIVER

GREAT BRITAIN Application No. 0608363.8 filed 04/28/2006 entitled RECEIVER FOR USE IN WIRELESS COMMUNICATIONS AND METHOD OF OPERATION OF THE RECEIVER

TAIWAN Application No. 096114270 filed 04/23/2007 entitled RECEIVER FOR USE IN WIRELESS COMMUNICATIONS AND METHOD OF OPERATION OF THE RECEIVER

I hereby also sell, assign and transfer unto the Assignee the entire right, title and interest in and to other applications for Letters Patent on the inventions referenced herein, including any applications specifically referenced herein, 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 applications, and upon any divisions, extensions, continuations, reissues and/or re-examinations thereof.

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 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 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 and 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

I covenant with Assignee that the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license or other encumbrance.

NIR CORSE BEER-SHEVA, ISRAEL	DATE: 13 May 2010
WITNESS SIGNATURE	DATE: 13 May 2010
YANIV SALEM Printed Name of Witness	
WITNESS SIGNATURE	DATE: 13 May 2010
URI VALLACH	

Printed Name of Witness

# **CONFIRMATORY ASSIGNMENT OF APPLICATION RIGHTS**

An assignment was recorded in the United States Patent and Trademark Office after the filing date of U.S. Application No. 11/736,898 that did not include the application number, and this assignment is being executed and recorded to confirm that assignment. For valuable consideration already received, the receipt and sufficiency of which is hereby acknowledged, on the date indicated by my signature below, MOSHE BEN-AYUN, whose residence is indicated beneath the signature below, (the "Assignor"), to ensure that the assignment dated 05/02/2007 and recorded by the United States Patent and Trademark Office on 06/25/2007 at Reel/Frame 019474/0645-0651, is completed, hereby acknowledge that I 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 "Assignee"), the entire right, title and interest in and to certain inventions entitled RECEIVER FOR USE IN WIRELESS COMMUNICATIONS AND METHOD OF OPERATION OF THE RECEIVER as described, illustrated in Motorola Disclosure ID. CM08978EI and as described, illustrated and claimed in the following applications:

U.S. Application No. 11/736,898, filed 04/18/2007 entitled RECEIVER FOR USE IN WIRELESS COMMUNICATIONS AND METHOD OF OPERATION OF THE RECEIVER

CHINESE Application No. 200780015358.X filed 04/13/2007 entitled RECEIVER FOR USE IN WIRELESS COMMUNICATIONS AND METHOD OF OPERATION OF THE RECEIVER

GREAT BRITAIN Application No. 0608363.8 filed 04/28/2006 entitled RECEIVER FOR USE IN WIRELESS COMMUNICATIONS AND METHOD OF OPERATION OF THE RECEIVER

TAIWAN Application No. 096114270 filed 04/23/2007 entitled RECEIVER FOR USE IN WIRELESS COMMUNICATIONS AND METHOD OF OPERATION OF THE RECEIVER

I hereby also sell, assign and transfer unto the Assignee the entire right, title and interest in and to other applications for Letters Patent on the inventions referenced herein, including any applications specifically referenced herein, 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 applications, and upon any divisions, extensions, continuations, reissues and/or re-examinations thereof.

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 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 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 and 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

I covenant with Assignee that the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license or other encumbrance.

Ben Ayun Mashe	DATE: 20 05 2010
MOSHE BEN-AYUN SHOHAM, İSRAEL	,
WITNESS SIGNATURE	DATE: 20 May 2010
YANIV SALEM	
Printed Name of Witness	
	DATE: 20 May 2010
WITNESS SIGNATURE	301
URI VALLACH	
Printed Name of Witness	

## **CONFIRMATORY ASSIGNMENT OF APPLICATION RIGHTS**

An assignment was recorded in the United States Patent and Trademark Office after the filing date of U.S. Application No. 11/736,898 that did not include the application number, and this assignment is being executed and recorded to confirm that assignment. For valuable consideration already received, the receipt and sufficiency of which is hereby acknowledged, on the date indicated by my signature below, OVADIA GROSSMAN, whose residence is indicated beneath the signature below, (the "Assignor"), to ensure that the assignment dated 05/02/2007 and recorded by the United States Patent and Trademark Office on 06/25/2007 at Reel/Frame 019474/0645-0651, is completed, hereby acknowledge that I 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 "Assignee"), the entire right, title and interest in and to certain inventions entitled RECEIVER FOR USE IN WIRELESS COMMUNICATIONS AND METHOD OF OPERATION OF THE RECEIVER as described, illustrated in Motorola Disclosure ID. CM08978EI and as described, illustrated and claimed in the following applications:

U.S. Application No. 11/736,898, filed 04/18/2007 entitled RECEIVER FOR USE IN WIRELESS COMMUNICATIONS AND METHOD OF OPERATION OF THE RECEIVER

CHINESE Application No. 200780015358.X filed 04/13/2007 entitled RECEIVER FOR USE IN WIRELESS COMMUNICATIONS AND METHOD OF OPERATION OF THE RECEIVER

GREAT BRITAIN Application No. 0608363.8 filed 04/28/2006 entitled RECEIVER FOR USE IN WIRELESS COMMUNICATIONS AND METHOD OF OPERATION OF THE RECEIVER

TAIWAN Application No. 096114270 filed 04/23/2007 entitled RECEIVER FOR USE IN WIRELESS COMMUNICATIONS AND METHOD OF OPERATION OF THE RECEIVER

I hereby also sell, assign and transfer unto the Assignee the entire right, title and interest in and to other applications for Letters Patent on the inventions referenced herein, including any applications specifically referenced herein, 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 applications, and upon any divisions, extensions, continuations, reissues and/or re-examinations thereof.

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 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 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 and 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

I covenant with Assignee that the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license or other encumbrance.

ovadia hvossua	UDATE: _	13 May 2010
OVADIA GROSSMAN		
TEL AVIV-AFFO, ISRAEL		
	DATE:	13 May 2010
WITNESS SIGNATURE		<del></del>
YANIV SALEM		
Printed Name of Witness		
// c	DATE:	13 May 2010
WITNESS SIGNATURE	<del></del>	-
URI VALLACH		

Printed Name of Witness

# CONFIRMATORY ASSIGNMENT OF APPLICATION RIGHTS

An assignment was recorded in the United States Patent and Trademark Office after the filing date of U.S. Application No. 11/736,898 that did not include the application number, and this assignment is being executed and recorded to confirm that assignment. For valuable consideration already received, the receipt and sufficiency of which is hereby acknowledged, on the date indicated by my signature below, MARK ROZENTAL, whose residence is indicated beneath the signature below, (the "Assignor"), to ensure that the assignment dated 05/02/2007 and recorded by the United States Patent and Trademark Office on 06/25/2007 at Reel/Frame 019474/0645-0651, is completed, hereby acknowledge that I 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 "Assignee"), the entire right, title and interest in and to certain inventions entitled RECEIVER FOR USE IN WIRELESS COMMUNICATIONS AND METHOD OF OPERATION OF THE RECEIVER as described, illustrated in Motorola Disclosure ID. CM08978EI and as described, illustrated and claimed in the following applications:

U.S. Application No. 11/736,898, filed 04/18/2007 entitled RECEIVER FOR USE IN WIRELESS COMMUNICATIONS AND METHOD OF OPERATION OF THE RECEIVER

CHINESE Application No. 200780015358.X filed 04/13/2007 entitled RECEIVER FOR USE IN WIRELESS COMMUNICATIONS AND METHOD OF OPERATION OF THE RECEIVER

GREAT BRITAIN Application No. 0608363.8 filed 04/28/2006 entitled RECEIVER FOR USE IN WIRELESS COMMUNICATIONS AND METHOD OF OPERATION OF THE RECEIVER

TAIWAN Application No. 096114270 filed 04/23/2007 entitled RECEIVER FOR USE IN WIRELESS COMMUNICATIONS AND METHOD OF OPERATION OF THE RECEIVER

I hereby also sell, assign and transfer unto the Assignee the entire right, title and interest in and to other applications for Letters Patent on the inventions referenced herein, including any applications specifically referenced herein, 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 applications, and upon any divisions, extensions, continuations, reissues and/or re-examinations thereof.

I further authorize Assignee to apply for Letters Patent directly in its own name where applicable, and to claim priority of the filling 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 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 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 and 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

I covenant with Assignee that the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license or other encumbrance.

Mark	Rozental	DATE: <u> 13</u>	May	2010
MARK ROZENTAL			0-	
GEDERA, ISRAEL	//			

WITNESS SIGNATURE DATE: 13 May 2010

YANIV SALEM
Printed Name of Witness

WITNESS SIGNATURE DATE: 13 May 2010

Printed Name of Witness

3/3

**RECORDED: 05/24/2010**