

Form: PTO-1595 (03/01)

RE

12-09-2002



102304865

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

JOSE E. KORNELUK<sup>1</sup>  
BRUCE M. DRAWERT<sup>2</sup>  
CHARBEL E. HAYEK<sup>3</sup>  
JEFFREY S. MARKWELL<sup>4</sup>

11-30-02

## 2. Name and address of receiving party(ies):

Name: Motorola, Inc.Internal Address: Law DepartmentStreet Address: 1303 East Algonquin RoadCity: Schaumburg State: IL Zip: 60196Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Name of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other

Execution Date: November 14, 2002<sup>1</sup>, November 20, 2002<sup>2</sup>, November 14, 2002<sup>3</sup>, November 14, 2002<sup>4</sup>Additional name(s) & address(es) attached? ☐ Yes ☒ No

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

November 14, 2002<sup>1</sup>,  
November 20, 2002<sup>2</sup>,  
November 14, 2002<sup>3</sup>,  
November 14, 2002<sup>4</sup>A. Patent Application No.(s)  
10/259,638 filed September 30, 2002

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Motorola, Inc.Internal Address: Law DepartmentStreet Address: 8000 West Sunrise BoulevardCity: Fort Lauderdale State: Florida Zip: 333226. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41) \$40.00

- ☐ Enclosed  
☒ Authorized to be charged to deposit account

## 8. Deposit account number:

50-0757

(Attach duplicate copy of this page if paying by deposit account.)

**DO NOT USE THIS SPACE**

## 9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document*Scott M. Garrett

Name of Person Signing

Scott M. Garrett  
SignatureNovember 22, 2002

Date

Total number of pages including cover sheet, attachments, and documents:

6

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 2023112/06/2002 6TON11  
01 FC:802100000036 500757 10259636  
40.00 CH

8000 West Sunrise Boulevard, Ft. Lauderdale, Florida 33322

**PATENT**  
**REEL: 13545 FRAME: 0188**

## ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we **JOSE E. KORNELUK, BOYNTON BEACH, FLORIDA; BRUCE M. DRAWERT, ARLINGTON HEIGHTS, ILLINOIS; CHARBEL E. HAYEK, PLANTATION, FLORIDA; JEFFREY S. MARKWELL, SUNRISE, FLORIDA;** 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 **SYSTEM AND METHOD FOR AIDING A LOCATION DETERMINATION IN A POSITIONING SYSTEM** (Docket No. **CE10221J**), 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, **filed in the United States Patent and Trademark Office on September 30, 2002, as Application Serial No. 10/259,638**, 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.

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.

Jose E. Korneluk  
JOSE E. KORNELUK

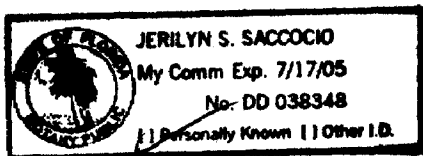
DATE: 11.14.2002

STATE OF FLORIDA )  
COUNTY OF BROWARD ) ss:

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that JOSE E. KORNELUK, 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 14<sup>th</sup> day of NOVEMBER, 2002.

My commission expires:



Jerilyn S. Saccocio  
Notary Public Signature

Jerilyn S. Saccocio  
Printed Name of Notary Public

Bruce M. Drawert

BRUCE M. DRAWERT

DATE: 11/20/2002

STATE OF ILLINOIS )

COUNTY OF COOK )

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The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that BRUCE M. DRAWERT, 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.

15

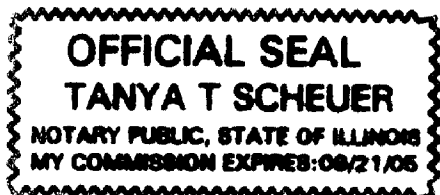
Given under my hand and notarial seal this 20<sup>th</sup> day of November, 2002.

20

My commission expires: Sept. 21, 2005

Tanya T. Scheuer  
Notary Public Signature

25



Tanya T. Scheuer  
Printed Name of Notary Public

Charbel Hayek  
CHARBEL E. HAYEK

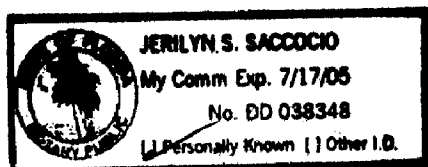
DATE: November 14, 2002

STATE OF FLORIDA )  
                                  SS:  
COUNTY OF BROWARD )

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that CHARBEL E. HAYEK, 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 14<sup>th</sup> day of NOVEMBER, 2002.

My commission expires:



[Signature]  
Notary Public Signature

Jerilyn S. Saccocio  
Printed Name of Notary Public

Jeff S Markwell  
JEFFREY S. MARKWELL

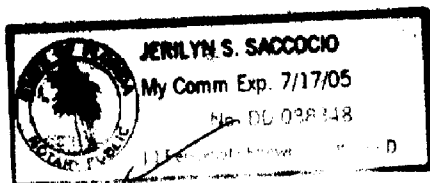
DATE: Nov 14, 2002

STATE OF FLORIDA )  
                                  SS:  
COUNTY OF BROWARD )

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that JEFFREY S. MARKWELL, 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 14<sup>th</sup> day of NOVEMBER, 2002.

My commission expires:



[Signature]  
Notary Public Signature

Jerilyn S. Saccocio  
Printed Name of Notary Public

CE10221J

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RECORDED: 11/30/2002

PATENT  
REEL: 13545 FRAME: 0193