

08-07-2003

Form: PTO-1595



72803  
DOCKET NUMBER: CML01070M

102518605

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

1. Name of conveying party(ies):  
THOMAS P. KRAUSS  
KEVIN L. BAUM  
VIJAY NANGIA

2. Name and address of receiving party(ies)

Name: Motorola, Inc.Internal Address: Law Department

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Name of conveyance:

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

Execution Date: 07/28/2003

Street Address: 1303 East Algonquin RoadCity: SchaumburgState: ILZip: 60196

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 07/28/2003.

A. Patent Application No.(s)

10/628679

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 Department

Street Address:

1303 E. Algonquin RoadCity: SchaumburgState: ILZip: 601966. Total number of applications and patents involved: ☐ 17. Total fee (37 CFR 3.41) \$40.00☐ Enclosed☒ Authorized to be charged to deposit account8. Deposit account number: 502117

(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

KENNETH A. HAAS

Name of Person Signing

Signature

07/28/2003

Date

Total number of pages including cover sheet, attachments, and documents: ☐ 5

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

Mail Stop Patent Application, Commissioner of Patents, P. O. Box 1450, Alexandria, VA 22313-1450

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CML01070M

PATENT  
REEL: 014347 FRAME: 0012

17575 U.S. PTO

10/628679

07/28/03

PATENT

## ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **THOMAS P. KRAUSS, ALGONQUIN, IL; KEVIN L. BAUM, ROLLING MEADOWS, IL; AND VIJAY NANGIA, SCHAUMBURG, 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 AND APPARATUS FOR TRANSMISSION AND RECEPTION WITHIN AN OFDM COMMUNICATION SYSTEM** (Docket No. **CML01070M**), 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.**

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.

PATENT  
REEL: 014347 FRAME: 0013

Vijay Nangia  
VIJAY NANGIA

DATE: July 24, 2003.

STATE OF IL                     )  
  )ss  
COUNTY OF COOK             )

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that VIJAY NANGIA 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 24 day of July, 2003.

My commission expires:

Dawn M Hebein  
Notary Public Signature

Dawn M Hebein  
Printed Name of Notary Public



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.

Thomas P. Krauss  
THOMAS P. KRAUSS

DATE: 7/24/03

STATE OF IL )  
COUNTY OF COOK )ss

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that THOMAS P. KRAUSS 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 24 day of July, 2003.

My commission expires:

Dawn M Hebein  
Notary Public Signature

Dawn M Hebein  
Printed Name of Notary Public



Kevin Baum  
KEVIN L. BAUM

DATE: 7-24-03

STATE OF IL                     )  
  )ss  
COUNTY OF COOK            )

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that KEVIN L. BAUM 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 24 day of July, 2003.

My commission expires:

Dawn M Hebein  
Notary Public Signature

Dawn M Hebein  
Printed Name of Notary Public

