



08-09-2004



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8/3/04

RE

Docket No.: CS24668RL

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

<p>1. Name of conveying party(ies): James P. Phillips<sup>1</sup> Eric L. Krenz<sup>2</sup> Paul W. Reich<sup>2</sup></p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies)</p> <p>Name: <u>Motorola, Inc.</u></p> <p>Internal Address: <u>Rm 1610</u></p> <p>Street Address: <u>8000 W. Sunrise Blvd.</u></p> <p>City: <u>Ft. Lauderdale</u></p> <p>State: <u>Florida</u> Zip: <u>33322</u></p> <p>Additional name(s) &amp; address(es) attached? <input type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>3 Name of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger</p> <p><input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name</p> <p><input type="checkbox"/> Other</p> <p>Execution Date: <u>July 27, 2004<sup>1</sup> and July 26, 2004<sup>2</sup></u></p>	

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: \_\_\_\_\_


A. Patent Application No.(s): 10/807,524 B. Patent No.(s) \_\_\_\_\_

Additional numbers attached?  Yes  No

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>MOTOROLA, INC.</u></p> <p>Internal Address: <u>Rm 1610</u></p> <p>Street Address: <u>8000 W. Sunrise Blvd.</u></p> <p>City: <u>Ft. Lauderdale</u></p> <p>State: <u>Florida</u> Zip: <u>33322</u></p>	<p>6. Total number of applications and patents involved: <input type="text" value="1"/></p> <p>7. Total fee (37 CFR 3.41) <u>\$40.00</u></p> <p><input type="checkbox"/> Enclosed</p> <p><input checked="" type="checkbox"/> Authorized to be charged to deposit account</p> <p>8. Deposit account number: <u>502117-Motorola, Inc.</u></p> <p>(Attach duplicate copy of this page if paying by deposit account.)</p>
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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.

Randi L. Karpinia  7/29/04  
Name of Person Signing Signature Date

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

Mail documents to be recorded with required cover sheet information to:  
Mail Stop Missing Parts, Commissioner of Patents, P. O. Box 1450, Alexandria, VA 22313-1450

08/06/2004 ECOOPER 00000156 502117 10807524 CS24668RL  
01 FC:8021 40.00 DA 1

PATENT REEL: 015649 FRAME: 0069

## ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **James P. Phillips, Lake in the Hills, Illinois; Eric L. Krenz, Crystal Lake, Illinois; and Paul W. Reich, Glendale Hts., Illinois**, 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 **DIFFERENTIAL-FED STACKED PATCH ANTENNA**, filed on **3/22/04** as Serial No. **10/807,524** (Docket No. **CS24668RL**), 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.



Erick L. Krenz  
ERICK L. KRENZ

DATE: 7/26/04

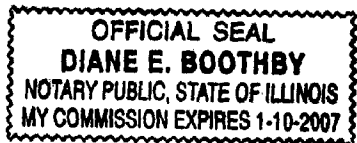
EK  
STATE OF Illinois )  
                                  )ss  
COUNTY OF Lake )

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Erick L. Krenz 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 26 day of July, 2004.

My commission expires:

Diane E Boothby  
Notary Public Signature



DIANE E. BOOTHBY  
Printed Name of Notary Public

Paul W. Reich

PAUL W. REICH

DATE: July 26, 2004

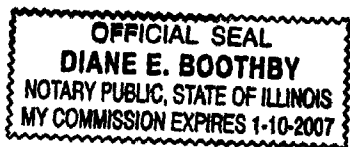
STATE OF Illinois )  
 )ss  
COUNTY OF Lake )

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Paul W. Reich 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 26 day of July, 2004.

My commission expires:

Diane E. Boothby  
Notary Public Signature



Diane E. BOOTHBY  
Printed Name of Notary Public