

12-23-1999

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FORM PTO-1595

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U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

CASE NO: CE03698R

To the Assistant Commissioner for Patents. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Pfeil, Jeff L.

Rottinghaus, Alan P.

Henderson, Stephen W.

Tapia, Javier J.

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

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

Name: Motorola, Inc.

Internal Address: Corporate Offices

Intellectual Property Department

Street Address: 1303 E. Algonquin Road

City: Schaumburg State: IL ZIP: 60196

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of Conveyance:

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

Execution Date: 12/08/99; 12/07/99

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

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

A. Patent Application No.(s)

09/409,546 filed 09/30/99 signed 12/08/99; 12/07/99

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: Corporate Offices

Intellectual Property Department

Street Address: 1303 E. Algonquin Road

City: Schaumburg State: IL ZIP: 60196

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h)): \$ 40.00

☐ Enclosed☒ Authorized to be charged to deposit account

8. Deposit account number:

13-4772

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

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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 - Reg. No. 42,614

Name of Person Signing

Signature

Date

Total number of pages comprising cover sheet, attachments and document: 6

OMB No. 0651-0011 (exp. 4/94)

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Assistant Commissioner for Patents
Box Assignments
Washington, D.C. 20231I hereby certify that this correspondence is being
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Motorola, Inc.
Name of applicant, assignee, or registered firm.B. Haas 12-14-99
Signature

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-100C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project, (0651-0011), Washington, D.C. 20503

PATENT

REEL: 010448 FRAME: 0435

ASSIGNMENT AND AGREEMENT

For and in consideration of the sum of One Dollar to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, **Jeff L. Pfeil of Bartlett, Illinois; Alan P. Rottinghaus of Barrington, Illinois; Stephen W. Henderson of Chicago, Illinois; and Javier J. Tapia of Wheaton, 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 improvement in **Method and Apparatus for Determining Remote Unit Location Using Phased Array Antenna Elements** (Case No. **CE03698R**), described, illustrated and claimed in an application for Letters Patent of the United States of America filed on **September 30, 1999**, serial No. **09/409,546**, together with the entire right, title and interest in and to said application, and in and to Letters Patent which may be issued upon said application, and upon any division, extension, continuation or reissue thereof.

We hereby also sell, assign and transfer unto the said MOTOROLA, INC., the entire right, title and interest in and to said 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 said invention and said applications for Letters Patent in foreign countries, and we further authorize the said 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 said application for Letters Patent of the United States of America under the provisions of any and all international conventions and treaties.

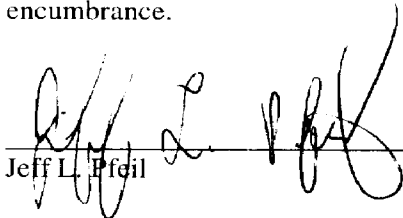
We hereby authorize and request the Commissioner of Patents of the United States of America to issue Letters Patent upon the aforesaid application, division, extension, continuation or reissue, to the said MOTOROLA, INC., for the sole use and behalf of said MOTOROLA, INC., its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted, the same as they would have been held and enjoyed

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by us 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 the said MOTOROLA, INC.

We agree that, when requested, we will, without charge to said 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 said inventions in any and all countries and for vesting title thereto in said MOTOROLA, INC., its successors, assigns and legal representatives or nominees.

We covenant with said 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.



Jeff L. Pfeil

12/8/99

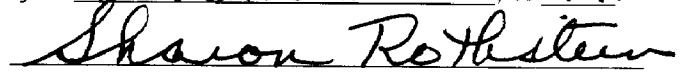
DATE

(STATE OF ILLINOIS)

(COUNTY OF COOK

I, Sharon Rothstein, a Notary Public in and for the County and State aforesaid, do hereby certify that the same persons whose names are subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered said 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 08 day of December, 19 99.



Notary Public

SEAL



My commission expires: 03/16/03

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Alan P. Rottinghaus

Dec 7, 1999
DATE

(STATE OF ILLINOIS)

(COUNTY OF COOK)

I, Chiquita M. Coleman, a Notary Public in and for the County and State aforesaid, do hereby certify that the same persons whose names are subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered said 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 7th day of December, 1999.

Chiquita M. Coleman
Notary Public

SEAL



My commission expires: 03/07/00

Stephen W. Henderson

12/8/99
DATE

(STATE OF ILLINOIS)

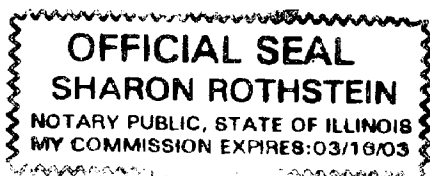
(COUNTY OF COOK)

I, Sharon Rothstein, a Notary Public in and for the County and State aforesaid, do hereby certify that the same persons whose names are subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered said 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 08 day of December, 1999.


Sharon Rothstein
Notary Public

SEAL



My commission expires: 03/16/03

CE03698R-Pfeil, et al.


Javier J. Tapia

December 8, 1999
DATE

(STATE OF ILLINOIS)

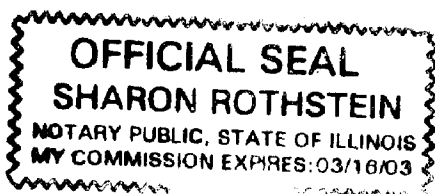
(COUNTY OF COOK)

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Given under my hand and notarial seal this 08 day of December, 19 99.

Sharon Rothstein
Notary Public

SEAL



My commission expires: 03/16/03

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RECORDED: 12/17/1999

PATENT
REEL: 010448 FRAME: 0439