

Atty. Docket #: **CE05081N/10-64**

102040139

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

1. Name of conveying party(ies):

- 03/19/02
- 1) **Ronald L. Porco**
 - 2) **William C. Greenwood**
 - 3) **Glen A. Franson**
 - 4)

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

3. Nature of conveyance:

- | | |
|--|---|
| <input checked="" type="checkbox"/> Assignment | <input type="checkbox"/> Merger |
| <input type="checkbox"/> Security Agreement | <input type="checkbox"/> Change of Name |
| <input type="checkbox"/> Other | |

Execution Date: 1) 3/19/02 2) 3/19/02

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

Name: Motorola, Inc.

Internal Address:

Street Address: 1303 East Algonquin RoadCity: Schaumburg State: IL ZIP: 60196Additional 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: 1) 3/19/02 2) 3/19/02

A. Patent Application No.(s):

B. Patent No.(s):

C. Attorney Docket Number: **CE05081N/10-64**

Additional numbers attached?

☐ Yes ☒ No

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

Name: David G. PoszInternal Address: Law Offices of David G. PoszStreet Address: 2000 L Street, N.W., Suite 200City: Washington State: D.C. ZIP: 200366. Total number of applications and patents involved: ☐7. Total fee (37 CFR 3.41) \$ 40.00☐ Enclosed☒ Authorized to be charged to deposit account8. Deposit account number: 50-1147

(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.

Charles W. Bethards 36,453

Name of Person Signing

Reg. No.

Signature

Mar. 19, 2002
DateTotal number of pages including cover sheet, attachments, and document: 4

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

04/01/2002 TDIAZ1 00000152 501147 10102246

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PATENT
REEL: 012727 FRAME: 0221

ASSIGNMENT AND AGREEMENT

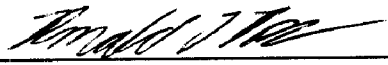
For good and valuable consideration, the receipt of which is hereby acknowledged, we, **Ronald L. Porco** of 4700 Navajo Way, Fort Worth, Texas 76137; **William C. Greenwood** of 40 Panorama Circle, Trophy Club, Texas 76262; **Glen A. Franson** of 3531^{2 23} Stone Creek Lane North, Fort Worth, Texas 76137, 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 REDUCING TRANSMITTER PEAK POWER REQUIREMENTS USING DUAL MATRICES**, (Attorney Docket No. **CE05081N/10-64**), described, illustrated and claimed in an application for Letters Patent of the United States of America executed by us of even date herewith, 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 inventions 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 the 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 and Trademarks 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 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.

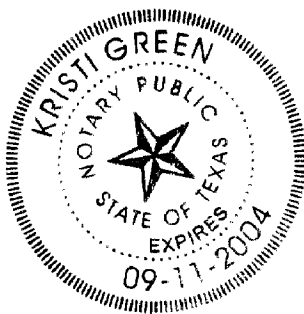


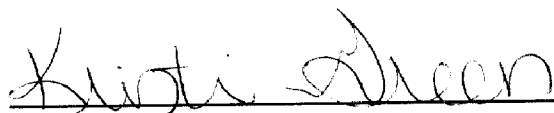
Ronald L. Porco

STATE OF TEXAS)
COUNTY OF TARRANT)

I, Kristi Green a Notary Public in and for the County and State aforesaid, do hereby certify that **Ronald L. Porco**, is personally known to me. I do hereby certify that he appeared before me this day in person and acknowledged that he signed, sealed and delivered the said instrument as his free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 19th day of March, 2002.





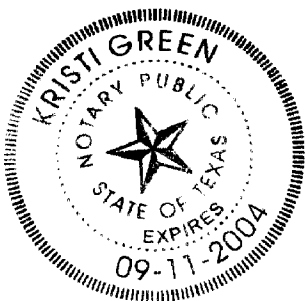
Notary Public
My commission expires on 9-11-2004

William C. Greenwood
William C. Greenwood

STATE OF TEXAS)
COUNTY OF TARRANT)

I, Kristi Green, a Notary Public in and for the County and State aforesaid, do hereby certify that **William C. Greenwood**, is personally known to me. I do hereby certify that he appeared before me this day in person and acknowledged that he signed, sealed and delivered the said instrument as his free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 19th day of March, 2002.



Kristi Green
Notary Public
My commission expires on 9-11-2004

Glen A. Franson 3/19/2002
Glen A. Franson

STATE OF TEXAS)
COUNTY OF TARRANT)

I, Kristi Green, a Notary Public in and for the County and State aforesaid, do hereby certify that **Glen A. Franson**, is personally known to me. I do hereby certify that he appeared before me this day in person and acknowledged that he signed, sealed and delivered the said instrument as his free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 19th day of March, 2002.



Kristi Green
Notary Public
My commission expires on 9-11-2004