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FORM PTO-1594
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U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

Atty Docket #: SC90944A

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

1. Name of conveying party(ies):

Howard E. Levin

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

Name: Motorola, Inc.

Internal Address: _____

Street Address: 1303 East Algonquin RoadCity: Schaumburg State: IL ZIP: 60196

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

☐

Yes

☒

No

3. Nature of conveyance:

☒

Assignment

☐

Merger

☐

Security Agreement

☐

Change of Name

☐

Other _____

Execution Date:

July 2, 1998

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:

July 2, 1998

A. Patent Application No.(s):

Attorney Docket Number: **SC90944A**

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: Intellectual Property Dept.Street Address: 505 Barton Springs RoadSuite 500, MD: TX07/F4City: Austin State: TX ZIP: 787046. 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: 13-4773

(Attach 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.

J. Gustav Larson

39,263

Name of Person Signing

Reg. No.

Signature

Date

10-6-98

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

3

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PATENT
REEL: 9522 FRAME: 0042

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, **Howard E. Levin of Austin, Texas**, 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, my entire right, title and interest in the United States of America in and to certain inventions relating to improvements in **A METHOD FOR MONITORING UNUSED BINS IN A DISCRETE MULTI-TONED COMMUNICATION SYSTEM** (Attorney Docket No. **SC90944A**), described, illustrated and claimed in an application for Letters Patent of the United States of America executed by me of even date herewith, together with my 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, reissue, or reexamination thereof.

I hereby also sell, assign and transfer unto **MOTOROLA, INC.**, my 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 I further authorize **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 said application for Letters Patent of the United States of America under the provisions of any and all international conventions and treaties.

I 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 **MOTOROLA, INC.**, for the sole use and behoof of **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 me had this assignment not been made, and I hereby authorize and request the equivalent authorities in foreign countries to issue the patents of their respective countries to **MOTOROLA, INC.**

I agree that, when requested, I 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 said inventions in any and all countries and for vesting title thereto in **MOTOROLA, INC.**, its successors, assigns and legal representatives or nominees.

I 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.

Howard E. Levin
Howard E. Levin

STATE OF TEXAS)

COUNTY OF TRAVIS)

I, Kristen G. Herzog, a Notary Public in and for the County and State aforesaid, do hereby certify that Howard E. Levin, whose name(s) are subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he/she signed, sealed and delivered the said instrument as his/her free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 2nd day of July, 1998.



SEAL

Kristen G. Herzog
My commission expires on May 7, 2002

Address correspondence concerning this document to: Motorola, Inc., Intellectual Property Department, 505 Barton Springs Road, Suite 500, MD: TX07/F4, Austin, Texas 78704.