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FORM PTO-1594 (Rev. 6-93)

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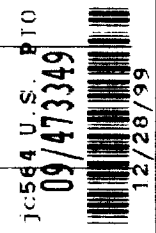
DEPARTMENT OF COMMERCE Patent and Trademark Office

Atty Docket #: IRI03913

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

1. Name of conveying part(ies): Richard Steven Griph Albert Howard Higashi

2. Name and address of receiving party(ies): Name: Motorola, Inc. Internal Address: Intellectual Property Dept. Street Address: 1303 East Algonquin Road City: Schaumburg State: IL ZIP: 60196



3. Nature of conveyance: [X] Assignment [] Merger [] Security Agreement [] Change of Name [] Other

Execution date of conveyance: December 20, 1999 December 22, 1999

Additional name(s) & address(es) attached? [] Yes [X] 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:

December 20, 1999 December 22, 1999

A. Patent Application No.(s): B. Patent No.(s):

09473349

Additional numbers attached? [] Yes [X] No

5. Name and address of party to whom correspondence concerning document should be mailed: Name: Motorola, Inc. Customer Number 22863

6. Total number of applications and patents involved: 1 7. Total fee (37 C.F.R. 3.41) \$ 40.00 [] Enclosed [X] Authorized to be charged to deposit account

8. Deposit account number: 13-4771 (Attach triplicate 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.

Jennifer B. Wuamett 40,878 Signature Date 12/28/99

Total number of pages including cover sheet, attachments, and document: 4

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

02/08/2000 TTON11 00000044 134771 09473349 01 FC:581 40.00 CH

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, Richard Steven Griph of Mesa, AZ; and Albert Howard Higashi of Lawrenceville, GA, 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 POST-AMPLIFIER FILTER REJECTION EQUALIZATION (Attorney Docket No. IRI03913), described, illustrated, and claimed in an application for Letters Patent of the United States of America executed by us, 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 inventions 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 the 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 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 the 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 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.

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.

Richard Steven Gripp
Richard Steven Gripp

STATE OF ARIZONA)

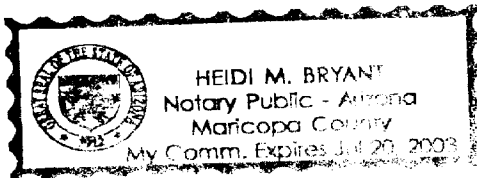
COUNTY OF MARICOPA)

I, *Heidi M Bryant*, a Notary Public in and for the County and State aforesaid, do hereby certify that Richard Steven Gripp, 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 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 22 day of December, 1999.

Heidi M Bryant

My commission expires on July 20, 2003



SEAL

Address correspondence concerning this document to: Motorola, Inc., Customer Number 22863

Albert Howard Higashi
Albert Howard Higashi

STATE OF Ga)
COUNTY OF DeKalb)

I, Cher Chapman, a Notary Public in and for the County and State aforesaid, do hereby certify that Albert Howard Higashi, 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 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 20th day of Dec, 1999.

Cher Chapman

My commission expires ~~on~~ **Notary Public, DeKalb County, Georgia**
~~May 21, 2000~~ **My Commission Expires**

SEAL

Address correspondence concerning this document to: Motorola, Inc., Customer Number 22863