

04-04-2003



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U.S. PTO
10/39703
03/26/03

To the Honorable Commissioner of Patents

Remarks: Please record the attached original documents or copy the microfiche.

<p>1. Name of conveying party(ies):</p> <p>PATRICK J. DORAN STEPHEN S. SHIAO</p> <p>3.25.03</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" 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>Law Department</u></p> <p>Street Address: <u>1303 East Algonquin Road</u></p> <p>City: <u>Schaumburg</u> State: <u>IL</u> Zip: <u>60196</u></p> <p>Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" 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>2-28-03</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: 2-28-03

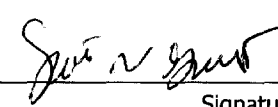
<p>A. Patent Application No.(s)</p>	<p>B. Patent No.(s)</p> <p>10397033</p> <p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>Motorola, Inc.</u></p> <p>Internal Address: <u>Law Department</u></p> <p>Street Address: <u>8000 West Sunrise Boulevard</u></p> <p>City: <u>Fort Lauderdale</u> State: <u>Florida</u> Zip: <u>33322</u></p>	<p>6. Total number of applications and patents involved: <u>1</u></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>50-2117</u></p> <p>(Attach duplicate copy of this page if paying by deposit account.)</p>
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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

<p>Scott M. Garrett</p> <p>Name of Person Signing</p>	 <p>Signature</p>	<p>3/25/03 meo 3/19/03</p> <p>Date</p>
<p>Total number of pages including cover sheet, attachments, and documents: <u>4</u></p>		

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

04/03/2003 6TON11 00000145 502117 10397033
01 FC:8021 40.00 CH

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **PATRICK J. DORAN, PLANTATION, FLORIDA; and STEPHEN S. SHIAO, CORAL SPRINGS, FLORIDA;** 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 **PITCH ADAPTIVE EQUALIZATION FOR IMPROVED AUDIO** (Docket No. **CE10787J**), 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.

Stephen S. Shiao
STEPHEN S. SHIAO

DATE: 2/28/03

STATE OF FLORIDA)
) SS:
COUNTY OF BROWARD)

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that STEPHEN S. SHIAO 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 28 day of February, 2003.

My commission expires:

Maria E. Rodriguez
Notary Public Signature

MARIA E. RODRIGUEZ
Printed Name of Notary Public

