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FORM PTO-1594 1-31-92	U.S. DEPARTMENT OF COMMERCE. Patent and Trademark Office.
THE DOOR OF HE TO TOO THE STATE AND ADDRESS OF THE STATE ADDRESS OF THE STATE AND ADDRESS OF THE STATE ADD	
To the Honorable Commissioner of Fater.	ned original documents or copy thereof.
Name of conveying party(ies):	2. Name and address of receiving party(ies):
1) James Wesley McCoy	
	Name: Motorola, Inc.
Additional name(s) of conveying party(ies)? Yes No	Internal Address:
3. Nature of conveyance:	Chrost Address 1000 Fact Alarmania Dand
X Assignment	Street Address: <u>1303 East Algonquin Road</u>
Security Agreement Change of Name	City: Schaumburg State: IL ZIP: 60196
Other	Only. Ochadinburg State. IL Zir. 00190
Execution Date: 10/22/98	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: 10/22/98	
A. Patent Application No.(s): B. Patent No.(s):	
Attorney Docket Number: PF01687NA P01	
Additional numbers attached? Yes X No 5. Name and address of party to whom correspondence C. Tatal numbers of applications and naturals involved.	
concerning document should be mailed:	6. Total number of applications and patents involved:
Name: Motorola, Inc.	7. Total fee (37 CFR 3.41)\$ 40.00
Internal Address: IP Law Dept MS E230	Enclosed /
	Authorized to be charged to deposit account
Street Address: 5401 N. Beach Street	8. Deposit account number: 50-0280
City: Fort Worth State: TX ZIP: 76137 DO NOT USE THIS SPACE	
DO NOT GOD THIS STARE	
 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. 	
R. Louis Breeden 37,286 R. Louis Breeden 10/22/99	
Name of Person Signing Reg. No. Signature Date	
Total number of pages including cover sheet, attachments, and document:	
OMB No. 0651-0011 (exp. 4/94)	
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> PATENT REEL: 9537 FRAME: 0872

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, James Wesley McCoy of Irving, 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, the entire right, title and interest for the United States of America in and to certain inventions relating to improvements in Apparatus for Performing a Non-Integer Sampling Rate Change in a Multichannel Polyphase Filter, (Attorney Docket No. PF01687NA P01), 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 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.

I 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 I 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.

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 the said MOTOROLA, INC., for the sole use and behoof 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 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 the said MOTOROLA, INC.

PF01687NA Assignment Page -1 - ρ_0 \

PATENT REEL: 9537 FRAME: 0873 I agree that, when requested, I 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.

I 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.

James Wesley McCoy

STATE OF TEXAS
COUNTY OF TARRANT

I, Skplane LTaylor, a Notary Public in and for the County and State aforesaid, do hereby certify that **James Wesley McCoy**, 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.

STEPHANIE L TAYLOR
Notary Public
State of Texas
My Commission Expires
November 1, 1999

RECORDED: 10/22/1998

Notary Public

Commission Number

My commission expires on //-/-99

SEAL