

10-21-1998



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FORM PTO-1595

U.S. DEPARTMENT OF COMMERCE

1-31-92

Patent and Trademark Office

100856412

CASE NO: CE01510B

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

MRS 10/13/98

10/13/98
09/17/98
JCS18 U.S. PAT.

1. Name of conveying party(ies):
ALEXANDER W. HIETALA
ARVIND S. ARORA
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies):
Name: Motorola, Inc.
Internal Address: Corporate Offices
Intellectual Property Department
Street Address: 1303 E. Algonquin Road
City: Schaumburg State: IL ZIP: 60196
Additional name(s) & address(es) attached? Yes No

3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
Execution Date: OCTOBER 8, AND OCTOBER 12, 1998

4. Application number(s) or patent numbers(s):
If this document is being filed together with a new application, the execution date of the application is: OCTOBER 13, 1998
A. Patent Application No.(s) 09/170768
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.
Room AN475
Street Address: 600 North U.S. Highway 45
City: Libertyville State: IL ZIP: 60048

6. Total number of applications and patents involved: 0 1
7. Total fee (37 CFR 2.6(b)(7)): \$ 40.00
 Enclosed
 Authorized to be charged to deposit account
8. Deposit account number:
13-4768
(Attach duplicate copy of this page if paying by deposit account)

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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.
MARK D. PATRICK, #41.243 Mark D. Patrick 10/12/98
Name of Person Signing Signature Date
Total number of pages including cover sheet, attachments and document: 4

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

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Rev. 9/30/92

10/20/1998 SBURMS 00000145 134768 09170768

10/20/1998 SBURMS
FC:501
PATENT
REEL: 9515 FRAME: 0502

ASSIGNMENT AND AGREEMENT

For and in consideration of the sum of One Dollar to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, **Alexander W. Hietala of Phoenix, Arizona and Arvind S. Arora of Chicago, Illinois**, 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 improvement in **METHOD OF AND APPARATUS FOR AUTOMATIC FREQUENCY CONTROL RANGE EXTENSION** (Case No. **CE01510R**), 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 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 invention 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 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 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 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.


ALEXANDER W. HIETALA

10/8/98
DATE

State of Arizona)
County of *MARICOPA*)

Before me personally appeared said Alexander W. Hietala and acknowledged the foregoing instrument to be his free act and deed this 8th day of ~~September~~, 1998.
~~October~~


Notary Public

Seal



Arvind S. Arora

ARVIND S. ARORA

Oct 12/98

DATE

State of Illinois)
County of LAKE)

Before me personally appeared said Arvind S. Arora and acknowledged
the foregoing instrument to be his free act and deed this 12th day of
~~September~~ ^{OCTOBER}, 1998. *(EJS)*

Tamra J. Smith

Notary Public

Seal

