

MWD
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IEET

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

1 Name of conveying party(ies):
 John M. Harris

Additional name(s) of conveying party(ies) attached? Yes No

2 Name and address of receiving party(ies)

Name: Motorola, Inc.

Internal Address: Law Department

Street Address: 1303 East Algonquin Road

City: Schaumburg State: IL Zip: 60196

Additional name(s) & address(es) attached? Yes No

J1040 U.S. PTO
 09/912995
 07/25/01

3 Name of conveyance:

Assignment Merger

Security Agreement Change of Name

Other

Execution Date: July 24, 2001

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 24, 2001.

A. Patent Application No.(s)
09/912995

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: Law Department

Street Address: P.O. Box 10219

City: Scottsdale

State: AZ Zip: 85271-0219

6 Total number of applications and patents involved:

7 Total fee (37 CFR 3.41) \$40.00

Enclosed

Authorized to be charged to deposit account

8 Deposit account number: 13-4771

(Attach duplicate 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

Frank J. Bogacz
 Name of Person Signing

Frank J. Bogacz
 Signature

7/25/01
 Date

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

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

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PATENT
SOLE

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, **JOHN M. HARRIS, CHICAGO, IL** 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 an improvement in **DYNAMIC DCCH/FCH SWITCHING** (Docket No. **CE08954R**), described, illustrated and claimed in an application for Letters Patent of the United States of America executed by me on the date indicated by my signature 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.

I 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 I 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.

I 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 the 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.**

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PATENT
REEL: 012045 FRAME: 0883

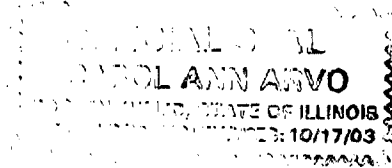
I agree that, when requested, I will, without charge to MOTOROLA, INC., but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for the inventions in any and all countries and for vesting title 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.

[Signature]
JOHN M. HARRIS

DATE: 7/24/01

STATE OF ILLINOIS)
)ss
COUNTY OF)



The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that John M. Harris 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 24 day of July, 2001.

My commission expires: 10/17/03

[Signature]
Notary Public Signature

CAROL A. ARVO
Printed Name of Notary Public