

10-18-2001



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Form: PTO-1595

DOCKET NUMBER: CE08239R

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

1. Name of conveying party(ies):
 Colin D. Frank.
 Eugene Visotsky
 Prashant Choudhary
 Amitava Ghosh

10/09/01

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 Dept. - 3rd floor
 Street Address: 1303 E. Algonquin Rd
 City: Schaumburg State: IL Zip: 60196
 Additional name(s) & address(es) attached? Yes No

3. Name of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other
 Execution Date: Sept. 27 and Oct. 1, 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 _____.

A. Patent Application No.(s)
09/933,365 filed on 08/20/01

Additional numbers attached? Yes No

B. Patent No.(s)

5. Name and address of party to whom correspondence concerning document should be mailed:
 Name: _____
 Internal Address: Motorola, Inc.
Intellectual Property Dept - 3rd floor
 Street Address: 1303 E. Algonquin Rd.
 City: Schaumburg
 State: IL Zip: 60196

6. Total number of applications and patents involved:

7. Total fee (37 CFR 3.41) \$ _____
 Enclosed
 Authorized to be charged to deposit account

8. Deposit account number: 13-4772
 (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.

Lalita P. Williams Reg#39, 427 Lalita P. Williams October 2, 2001
 Name of Person Signing Signature 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

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **COLIN D. FRANK, LOMBARD, IL; EUGENE VISOTSKY, SKOKIE, IL; PRASHANT CHOUDHARY, SCHAUMBURG, IL; and AMITAVA GHOSH, BUFFALO GROVE, 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 improvements in **LINEAR MINIMUM MEAN SQUARE ERROR EQUALIZATION WITH INTERFERENCE CANCELLATION FOR MOBILE COMMUNICATION FORWARD LINKS UTILIZING ORTHOGONAL CODES COVERED BY LONG PSEUDORANDOM SPREADING CODES** (Docket No. **CE08239R** filed on **August 20, 2001, serial number 09/933,365**), 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

Eugene Visotsky DATE: 09/27/01
EUGENE VISOTSKY

STATE OF ILLINOIS)
)ss
COUNTY OF COOK)

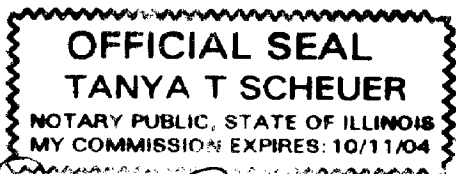
The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Eugene Visotsky whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered the instrument as their free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 27th day of September, 2001.

My commission expires: October 11, 2004

Tanya T. Scheuer
Notary Public Signature

Tanya T. Scheuer
Printed Name of Notary Public



Prashant Choudhary
PRASHANT CHOUDHARY

DATE: Sept 27, 2001

STATE OF ILLINOIS)
)ss
COUNTY OF COOK)

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Prashant Choudhary 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 27th day of September, 2001.

My commission expires: October 4, 2001

Tanya T. Scheuer
Notary Public Signature

Tanya T. Scheuer
Printed Name of Notary Public



