

07-12-2002

Form: PTO-1595



TEET

DOCKET NUMBER: SC12158TC

102152829

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

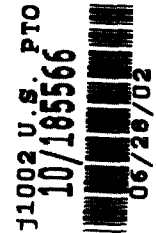
1. Name of conveying party(ies):
 Bradley J. Garni
 Mark F. DeHerrera
 Mark A. Durlam
 Bradley N. Engel
 Thomas W. Andre
 Joseph J. Nahas
 Chitra K. Subramanian

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

6/28/02

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



3 Name of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date: June 27, 2002

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 June 27, 2002.

A. Patent Application No.(s)
 B. Patent No.(s)

Additional numbers attached? Yes No

10/185566

5. Name and address of party to whom correspondence concerning document should be mailed:
 Name: MOTOROLA, INC.
 Internal Address: _____ MD: TX32/PL02
 Street Address: 7700 W. Parmer Lane
 City: Austin
 State: Texas Zip: 78729

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$40.00
 Enclosed
 Authorized to be charged to deposit account

8. Deposit account number: 13-4773

(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

Daniel D. Hill *[Signature]* 6-28-02
 Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and documents: 6

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

07/11/2002 LMUELLER 00000268 134773 10185566
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PATENT

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **BRADLEY J. GARNI, AUSTIN, TEXAS; MARK F. DEHERRERA, TEMPE, ARIZONA; MARK A. DURLAM, CHANDLER, ARIZONA; BRADLEY N. ENGEL, CHANDLER, ARIZONA; THOMAS W. ANDRE, AUSTIN, TEXAS; JOSEPH J. NAHAS, AUSTIN, TEXAS; and CHITRA K. SUBRAMANIAN, AUSTIN, 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 **SENSE AMPLIFIER AND METHOD FOR PERFORMING A READ OPERATION IN A MRAM** (Docket No. **SC12158TC**), 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 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 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.

We 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.

Bradley B. Garni
BRAD J. GARNI
BRADLEY BG 27 June 2002
STATE OF TEXAS)
COUNTY OF WILLIAMSON)

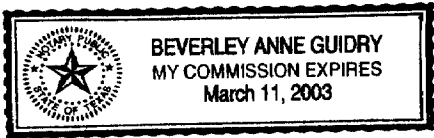
DATE: 27 June 2002

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Brad J. Garni 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 June, 2002.

My commission expires:

B. Anne Guidry
Notary Public Signature
B. Anne Guidry
Printed Name of Notary Public



MARK F. DEHERRERA

DATE: _____

STATE OF ARIZONA)
)
COUNTY OF)

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Mark F. DeHerrera 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 ____ day of _____, 2002.

My commission expires:

Notary Public Signature

Printed Name of Notary Public

MARK A. DURLAM

DATE: _____

STATE OF ARIZONA)
)
COUNTY OF)

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Mark A. Durlam 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 ____ day of _____, 2002.

My commission expires:

Notary Public Signature

Printed Name of Notary Public

BRADLEY N. ENGEL

DATE: _____

STATE OF ARIZONA)
)
COUNTY OF)

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Bradley N. Engel 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 ____ day of _____, 2002.

My commission expires:

Notary Public Signature

Printed Name of Notary Public

Thomas W. Andre
THOMAS W. ANDRE

DATE: 6/27/02

STATE OF TEXAS)
)
COUNTY OF WILLIAMSON)

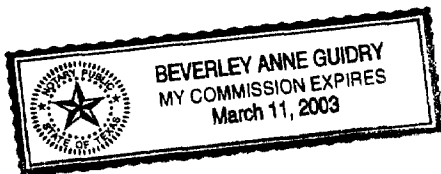
The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Thomas W. Andre whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered the instrument as their free and voluntary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

Given under my hand and notarial seal this 27th day of June, 2002.

My commission expires:

Beverly Anne Guidry
Notary Public Signature

B. Anne Guidry
Printed Name of Notary Public



Joseph J. Nahas
JOSEPH J. NAHAS

DATE: 27 June 2002

STATE OF TEXAS)
)
COUNTY OF WILLIAMSON)

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Joseph J. Nahas 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 day of , 2002.

My commission expires:

Notary Public Signature

Printed Name of Notary Public

Chitra K. Subramanian
CHITRA K. SUBRAMANIAN

DATE: 6/27/02

STATE OF TEXAS)
)
COUNTY OF WILLIAMSON)

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Chitra K. Subramanian 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 June, 2002.

My commission expires:

B. Anne Guidry
Notary Public Signature

B. Anne Guidry
Printed Name of Notary Public

