

08-15-2003

DOCKET NUMBER: SC12500TP



102525388

To the Honorable Commissioner of Patents and Trademarks

original documents or copy thereof.

1. Name of conveying party(ies):  
Daniel T. Pham  
Alexander L. Barr  
Leo Mathew  
Bich-Yen Nguyen  
Anne M. Vandoooren  
Ted R. White

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

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

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

Execution Date: July 3, 2003 - White; July 8, 2003 - Pham, Bar, Mathew and Nguyen; July 30, 2003 - Vandoooren

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) 10/427,577  
B. Patent No.(s) \_\_\_\_\_  
Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

6. Total number of applications and patents involved  1

Name: MOTOROLA, INC.  
Internal Address: \_\_\_\_\_ MD: TX32/PL02  
~~08/14/2003 ECOOPER 00000105 502117 10427577~~  
~~01 FC:8021 40.00 DA~~  
Street Address: 7700 W. Parmer Lane  
City: Austin  
State: Texas Zip: 78729

7. Total fee (37 CFR 3.41) \$40.00  
 Enclosed  
 Authorized to be charged to deposit account  
8. Deposit account number: 502117  
(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**  
James L. Clingan, Jr. James L Clingan, Jr. 8/6/03  
Name of Person Signing signature Date  
Total number of pages including cover sheet, attachments, and documents:  14

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments, P.O. Box 1450, Alexandria, VA 22310-1450

## ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **DANIEL T. PHAM, AUSTIN, TEXAS; ALEXANDER L. BARR, AUSTIN, TEXAS; LEO MATHEW, AUSTIN, TEXAS; BICH-YEN NGUYEN, AUSTIN, TEXAS; ANNE M. VANDOOREN, MEYLAN, FRANCE and TED R. WHITE, 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 **A METHOD FOR FORMING A DOUBLE-GATED SEMICONDUCTOR DEVICE** (Docket No. **SC12500TP**), described, illustrated and claimed in an application for Letters Patent of the United States of America Serial Number 10/427,577 filed on May 1, 2003 and 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.

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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.

Daniel Pham  
DANIEL T. PHAM

DATE: July 8 - 2003

STATE OF Texas )  
COUNTY OF WILLIAMSON )

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Daniel T. Pham 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 8th day of July, 2003.

My commission expires:

Patricia Parks  
Notary Public Signature  
Patricia Parks  
Printed Name of Notary Public





Bich-Yen Nguyen  
BICH-YEN NGUYEN

DATE: July 08, 2003.

STATE OF Texas            )  
  )  
COUNTY OF WILLIAMSON    )

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Bich-Yen Nguyen 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 8th day of July, 2003.

My commission expires:

Patricia Parks  
Notary Public Signature  
Patricia Parks  
Printed Name of Notary Public



\_\_\_\_\_  
ANNE M. VANDOOREN

DATE: \_\_\_\_\_

\_\_\_\_\_  
SIGNATURE OF WITNESS

DATE: \_\_\_\_\_  
(Month-Day-Year)

\_\_\_\_\_  
PRINTED NAME OF WITNESS

\_\_\_\_\_  
SIGNATURE OF WITNESS

DATE: \_\_\_\_\_  
(Month-Day-Year)

\_\_\_\_\_  
PRINTED NAME OF WITNESS

Ted R. White  
TED R. WHITE

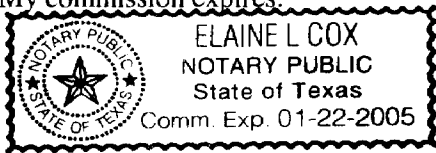
DATE: 7/3/2003

STATE OF Texas            )  
  )  
COUNTY OF WILLIAMSON    )

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Ted R. White 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.

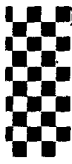
Given under my hand and notarial seal this 3<sup>rd</sup> day of July, 2003.

My commission expires:



Elaine L. Cox  
Notary Public Signature

Elaine L. Cox  
Printed Name of Notary Public



Docket No. SC12500TP

PATENT

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For good and valuable consideration, the receipt of which is hereby acknowledged, we, **DANIEL T. PHAM, AUSTIN, TEXAS; ALEXANDER L. BARR, AUSTIN, TEXAS; LEO MATHEW, AUSTIN, TEXAS; BICH-YEN NGUYEN, AUSTIN, TEXAS; ANNE M. VANDOOREN, MEYLAN, FRANCE and TED R. WHITE, 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 **A METHOD FOR FORMING A DOUBLE-GATED SEMICONDUCTOR DEVICE** (Docket No. **SC12500TP**), described, illustrated and claimed in an application for Letters Patent of the United States of America Serial Number 10/427,577 filed on May 1, 2003 and 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.

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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 reissuc. 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.**

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PATENT  
REEL: 014377 FRAME: 0612









Docket No. SC12500TP

Anne M. Vandooen  
ANNE M. VANDOOEN

DATE: July 30, 2003

Karl Wimmer  
SIGNATURE OF WITNESS

DATE: July 30, 2003  
(Month-Day-Year)

KARL WIMMER  
PRINTED NAME OF WITNESS

Assent  
SIGNATURE OF WITNESS

DATE: July 30, 2003  
(Month-Day-Year)

Franck ARNAV  
PRINTED NAME OF WITNESS

