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Atty Docket No.: 215512US99CIP

FORM PTO-1595  
1-31-92

10/26/01 REC F



101892194

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

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

1. Name of conveying party(ies):

John L. EDWARDS; Yi WEI; Dirk C. JORDAN; Xiaoming HU;  
James Bradley CRAIGO; Ravindranath DROOPAD; Zhiyi YU;  
Alexander A. DEMKOV

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

2. Name and address of receiving party(ies):

Name: MOTOROLA, INC.  
Address: 1303 E. Algonquin Road  
Schaumburg, Illinois 60196-1079

10/26/01  
09/983854  
jce79 U.S. PTO

3. Nature of Conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other

Execution Date: October 24, 2001

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

4. Application number(s) or patent number(s):

09/983854

If this document is being filed together with a new application, the execution date of the application is:

10/24/01; 10/24/01;  
10/24/01; 10/24/01;  
10/24/01; 10/24/04;  
10/24/01; 10/23/01

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached?  Yes  No

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



22850

6. Total applications and patents involved: One

7. Total fee (37 CFR 3.41): \$40.00

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number: 15-0030  
(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.

Richard L. Treanor, Ph.D.

Name of Person Signing

Corwin Paul Umbach  
CORWIN PAUL UMBACH

Signature

Reg No 40211

Oct 26, 2001

Date

Registration Number: 36,379

Total number of pages including this cover sheet: 11

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PATENT  
REEL: 012290 FRAME: 0832

## ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, John L. Edwards, Jr. of Phoenix, AZ; Yi Wei of Chandler, AZ; Dirk C. Jordan of Gilbert, AZ; Xiaoming Hu of Chandler, AZ; James Bradley Craigo of Tempe, AZ; Ravindranath Droopad of Chandler, AZ; Zhiyi Yu of Gilbert, AZ; and Alexander A. Demkov of Phoenix, AZ, 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 METHOD OF REMOVING AN AMORPHOUS OXIDE FROM A MONOCRYSTALLINE SURFACE (Attorney Docket No. JG00611), described, illustrated, and claimed in an application for Letters Patent of the United States of America executed by us, 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 inventions 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 the 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 and Trademarks 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 behoof 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 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.

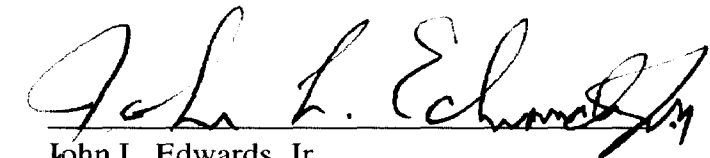
We agree that, when requested, we will, without charge to Motorola, Inc., but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable, or

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.

Address correspondence concerning this document to: Oblon, Spivak, McClelland, Maier & Neustadt, P.C., customer number 022850.

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.

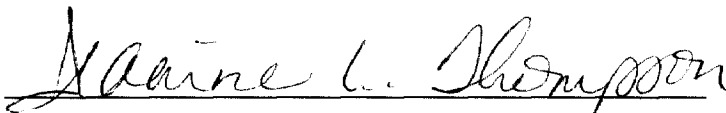
We grant to MOTOROLA, INC., its successors, assigns and legal representatives the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

  
John L. Edwards, Jr.

STATE OF ARIZONA )  
COUNTY OF MARICOPA )

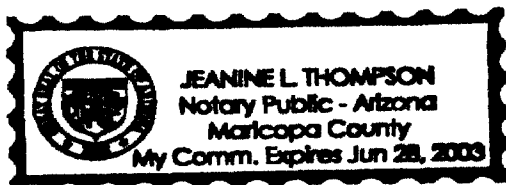
I, JEANINE L. THOMPSON, a Notary Public in and for the County and State aforesaid, do hereby certify that John L. Edwards, Jr., whose name(s) are subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he/she signed, sealed and delivered the instrument as his/her free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 24<sup>th</sup> day of OCTOBER, 2001.



My commission expires on June 28, 2003

SEAL



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Yi Wei  
Yi Wei

STATE OF ARIZONA )

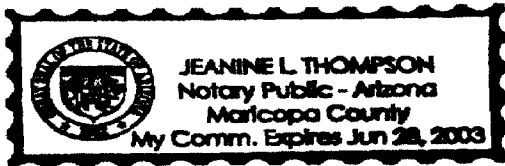
COUNTY OF MARICOPA )

I, JEANINE L. THOMPSON, a Notary Public in and for the County and State aforesaid, do hereby certify that Yi Wei, whose name(s) are subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he/she signed, sealed and delivered the instrument as his/her free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 24<sup>TH</sup> day of OCTOBER, 2001.

Jeanine L. Thompson  
My commission expires on June 28, 2003

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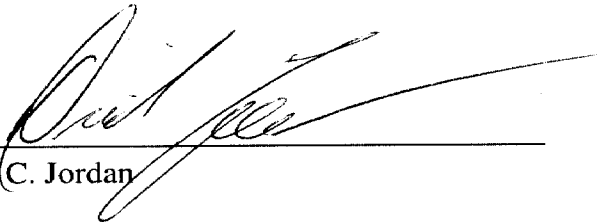


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- 4 -

Neustadt, P.C., customer number 022850.

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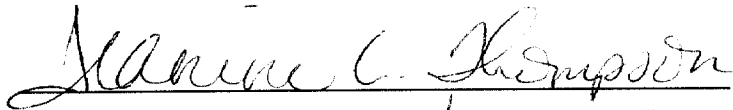
  
\_\_\_\_\_  
Dirk C. Jordan

STATE OF ARIZONA )

COUNTY OF MARICOPA )

I, JEANINE L. THOMPSON, a Notary Public in and for the County and State aforesaid, do hereby certify that Dirk C. Jordan, whose name(s) are subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he/she signed, sealed and delivered the instrument as his/her free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 24<sup>th</sup> day of OCTOBER, 2001.

  
\_\_\_\_\_  
Jeanine L. Thompson

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Xiaoming Hu

Xiaoming Hu

STATE OF ARIZONA )

COUNTY OF MARICOPA )

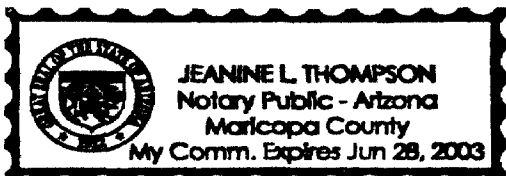
I, JEANINE L. THOMPSON, a Notary Public in and for the County and State aforesaid, do hereby certify that Xiaoming Hu, whose name(s) are subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he/she signed, sealed and delivered the instrument as his/her free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 24<sup>th</sup> day of OCTOBER, 2001.

Jeanine L. Thompson

My commission expires on June 28, 2003

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James Bradley Craig  
James Bradley Craig

STATE OF ARIZONA )

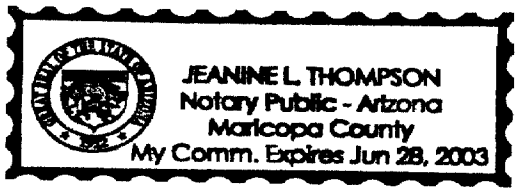
COUNTY OF MARICOPA )

I, JEANINE L. THOMPSON, a Notary Public in and for the County and State aforesaid, do hereby certify that James Bradley Craig, whose name(s) are subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he/she signed, sealed and delivered the instrument as his/her free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 24<sup>th</sup> day of OCTOBER, 2001.

Jeanine L. Thompson  
My commission expires on June 28, 2003

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Ravindranath Droopad  
Ravindranath Droopad

STATE OF ARIZONA )

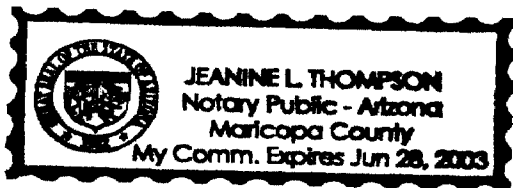
COUNTY OF MARICOPA )

I, JEANINE L. THOMPSON, a Notary Public in and for the County and State aforesaid, do hereby certify that Ravindranath Droopad, whose name(s) are subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he/she signed, sealed and delivered the instrument as his/her free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 24<sup>th</sup> day of OCTOBER, 2001.

Jeanine L. Thompson  
My commission expires on June 28, 2003

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Zhiyi Yu  
Zhiyi Yu

STATE OF ARIZONA )

COUNTY OF MARICOPA )

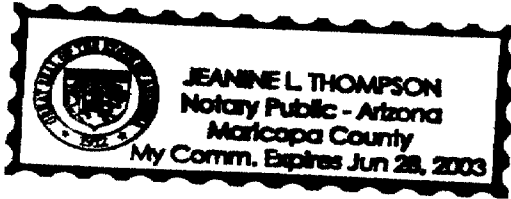
I, JEANINE L. THOMPSON, a Notary Public in and for the County and State aforesaid, do hereby certify that Zhiyi Yu, whose name(s) are subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he/she signed, sealed and delivered the instrument as his/her free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 24<sup>th</sup> day of OCTOBER, 2001.

Jeanine L. Thompson

My commission expires on June 28, 2003

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*Alex Demkov*

Alexander A. Demkov

STATE OF ARIZONA )

COUNTY OF MARICOPA )

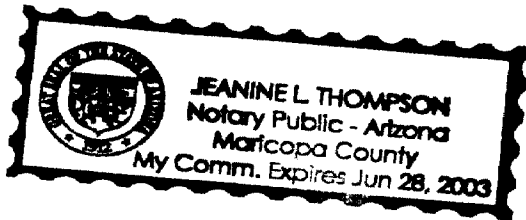
I, JEANINE L. THOMPSON, a Notary Public in and for the County and State aforesaid, do hereby certify that Alexander A. Demkov, whose name(s) are subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he/she signed, sealed and delivered the instrument as his/her free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 24<sup>th</sup> day of OCTOBER, 2001.

*Jeanine L. Thompson*

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