



101797393

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

1. Name of conveying party(ies):

- (1) Zhiyi YU
- (2) Ravindranath DROOPAD
- (3) Corey OVERGAARD

7/25/01

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

1100 U.S. PTO
 09/911507
 07/25/01

3. Nature of Conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other

Execution Date: July 19, 2001

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

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 19, 2001

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes No

09/911507

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

6. Total 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: 15-0030
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22850

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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

Registration Number: 36,379

Corwin Paul Umbach
CORWIN PAUL UMBACH

Signature

Reg No 40,211

July 25, 2001

Date

Total number of pages including this cover sheet: 6

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Commissioner of Patents and Trademarks
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 Washington, D.C. 20231

07/27/2001 MAHMEDI 00000061 09911507
 03 FC:581 40.00 US

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, Zhiyi Yu of Gilbert, AZ; Ravindranath Droopad of Chandler, AZ; and Corey Overgaard 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 FOR REAL-TIME MONITORING AND CONTROLLING PEROVSKITE OXIDE FILM GROWTH AND SEMICONDUCTOR STRUCTURE FORMED USING THE METHOD (Attorney Docket No. JG00548), 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.

Zhiyi Yu
Zhiyi Yu

STATE OF ARIZONA)

COUNTY OF MARICOPA)

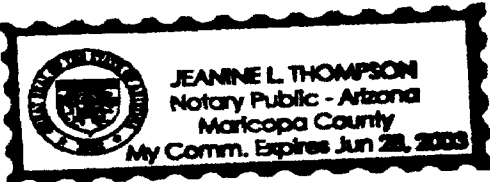
I, JEANINE L. THOMPSON, a Notary Public in and for the County and State aforesaid, do hereby certify that Zhiyi Yu, whose name(s) are subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he/she signed, sealed and delivered the instrument as his/her free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

Given under my hand and notarial seal this 19th day of July, 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 19th day of July, 2001.

Jeanine L. Thompson

My commission expires on June 28, 2003

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Corey Overgaard
Corey Overgaard

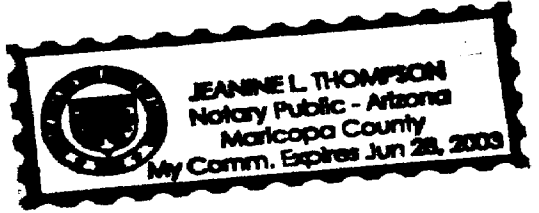
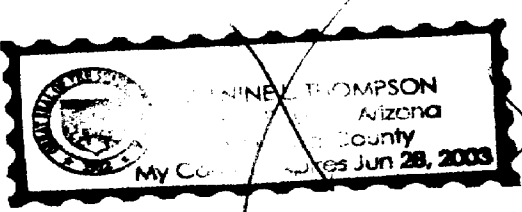
STATE OF ARIZONA)
COUNTY OF MARICOPA)

I, JEANINE L. THOMPSON, a Notary Public in and for the County and State aforesaid, do hereby certify that Corey Overgaard, 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 19th day of July, 2001.

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