

SEP 5 0 2002  
PATENT & TRADEMARK OFFICE

9/30/02

PATENT

Attorney Docket No.: UM-06849

Form PTO-1595

10-04-2002



U.S. Department of Commerce  
Patent and Trademark Office

To the Honorable Commissioner of Pat.

102241711

Attached original documents or copy thereof.

1. Name of conveying party(ies):  Xiaolian Gao Xiaochuan Zhou Erdogan Gulari  Additional name(s) of conveying party(ies) attached? No	2. Name and address of receiving party(ies):  The Regents Of The University Of Michigan 3003 South State Street Ann Arbor, Michigan 48109-1280  Additional name(s) & address(es) attached? No
3. Nature of conveyance:  Assignment  Execution Date: 8/27/02, 9/05/02	
4. Title of Invention: <b>A Device For Chemical And Biochemical Reactions Using Photo-Generated Reagents</b> Application number(s) or patent number(s):  A. Patent Application No.(s):  10/157,442  B. Patent No.(s):   Additional numbers attached? No	
5. Name and address of party to whom correspondence concerning document should be mailed:  Peter G. Carroll MEDLEN & CARROLL, LLP 101 Howard Street, Suite 350 San Francisco, California 94105	6. Total number of applications and patents involved: 1  7. Total fee(s): Check(s) in the amount of \$160 enclosed (\$65 to cover declaration surcharge, \$40 recordation fee, \$55 one month extension fee).  8. Deposit Account Authorization: The Commissioner is hereby authorized to charge any additional fees or credit any overpayment to Deposit Account No. 08-1290. An originally executed duplicate of this transmittal is enclosed for this purpose.

DO NOT USE THIS SPACE

9. Statement and Signature:  <i>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.</i>  Date: September 25, 2002  Signature: Name: Peter G. Carroll Reg. No.: 32,837	10/02/2002 AOSMAN1 00000023 10157442 03 FC:501 40.00 DP Total number of pages including cover sheet, attachments, and document: 4
--	---

PATENT  
REEL: 013341 FRAME: 0806

PATENT  
 Attorney Docket No.: UM-06849

## ASSIGNMENT

WHEREAS, WE, Xiaolian Gao, Xiaochuan Zhou and Erdogan Gulari, hereinafter referred to as "ASSIGNOR", have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: **A Device For Chemical And Biochemical  
 Reactions Using Photo-Generated  
 Reagents**

Filing Date: 05/29/02

Serial No.: 10/157,442

WHEREAS, The Regents Of The University Of Michigan, a Michigan corporation, 3003 South State Street, Ann Arbor, Michigan 48109-1280, hereinafter referred to as "ASSIGNEE", is desirous of acquiring the entire right, title and interest in said invention and application and in any Letters Patent which may be granted on the same:

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for and in consideration of the sum of One Dollar (\$1.00) lawful money paid to ASSIGNOR by ASSIGNEE and other good and valuable consideration, receipt of which is hereby acknowledged, ASSIGNOR has sold, assigned and transferred, and by these presents does sell, assign and transfer unto said ASSIGNEE, and ASSIGNEE's successors and assigns, all right, title and interest in and to said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, prolongations or extensions thereof, said interest to be held and enjoyed by said ASSIGNEE as fully and exclusively as it would have been held and enjoyed by said ASSIGNOR had this assignment and transfer not been made, to the full end and term of any Letters Patent.

ASSIGNOR further agrees that ASSIGNOR will, without charge to said ASSIGNEE, but at ASSIGNEE's expense, cooperate with ASSIGNEE in the prosecution of said application and/or applications; execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof; and will perform such other acts as ASSIGNEE lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said ASSIGNEE, or ASSIGNEE's successors and assigns.

IN TESTIMONY WHEREOF, ASSIGNOR has hereunto signed ASSIGNOR's names to this assignment on the date indicated below.

Xiaolian Gao  
 Xiaolian Gao

9/5/2002  
 Date

Xiaochuan Zhou  
 Xiaochuan Zhou

9/5/02  
 Date

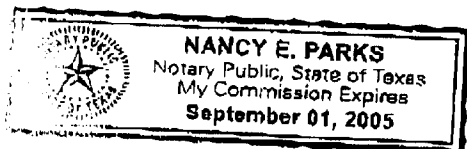
Erdogan Gulari  
 Erdogan Gulari

Date

STATE OF Texas  
 COUNTY OF Harris

ss.

On this 5 day of September in the year of 2002 before me, the undersigned notary public, personally appeared the above-named ASSIGNOR, known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged that he/she executed the same.



SEAL

[Signature]  
 NOTARY PUBLIC

## ASSIGNMENT

WHEREAS, WE, Xiaolian Gao, Xiaochuan Zhou and Erdogan Gulari, hereinafter referred to as "ASSIGNOR", have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention:      **A Device For Chemical And Biochemical  
Reactions    Using    Photo-Generated  
Reagents**

Filing Date:      05/29/02      Serial No.:      10/157,442

WHEREAS, The Regents Of The University Of Michigan, a Michigan corporation, 3003 South State Street, Ann Arbor, Michigan 48109-1280, hereinafter referred to as "ASSIGNEE", is desirous of acquiring the entire right, title and interest in said invention and application and in any Letters Patent which may be granted on the same;

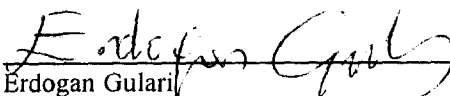
NOW THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for and in consideration of the sum of One Dollar (\$1.00) lawful money paid to ASSIGNOR by ASSIGNEE and other good and valuable consideration, receipt of which is hereby acknowledged, ASSIGNOR has sold, assigned and transferred, and by these presents does sell, assign and transfer unto said ASSIGNEE, and ASSIGNEE's successors and assigns, all right, title and interest in and to said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, prolongations or extensions thereof, said interest to be held and enjoyed by said ASSIGNEE as fully and exclusively as it would have been held and enjoyed by said ASSIGNOR had this assignment and transfer not been made, to the full end and term of any Letters Patent.

ASSIGNOR further agrees that ASSIGNOR will, without charge to said ASSIGNEE, but at ASSIGNEE's expense, cooperate with ASSIGNEE in the prosecution of said application and/or applications; execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof; and will perform such other acts as ASSIGNEE lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said ASSIGNEE, or ASSIGNEE's successors and assigns.

IN TESTIMONY WHEREOF, ASSIGNOR has hereunto signed ASSIGNOR's names to this assignment on the date indicated below.

Xiaolian Gao      Date

Xiaochuan Zhou      Date

 8/12/02  
Erdogan Gulari      Date

STATE OF Michigan )  
COUNTY OF Washtenaw )      ss.

On this 28 day of August, in the year of 2002, before me, the undersigned notary public, personally appeared the above-named ASSIGNOR, known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged that he/she executed the same.

SUSAN E. HAMLIN  
Notary Public, Wayne County, MI  
My Commission Expires Nov. 28, 2005

  
NOTARY PUBLIC

SEAL