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Department of Commerce  
Patent and Trademark Office

FINANCE SECTION

102738959

To the Honorable Commissioner of Patents and Trademarks, Department of Commerce, Patent and Trademark Office, Washington, DC 20503-0001. 102738959 is the 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

University of Houston  
E. Cullen Bldg.  
4800 Calhoun Street  
Houston, Texas 77204

Additional name(s) &amp; address(es) attached? No

3. Nature of conveyance:

Assignment

Execution Date: 04/05/04, 04/21/04, 04/21/04

4. Title of Invention: **A Device For Chemical And Biochemical Reactions Using  
Photo-Generated Reagents**  
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 \$40 enclosed (recordation  
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:

*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.*

Date: April 29, 2004

Signature:

05/05/2004 GTOW11 00000018 10157442

Name: Peter G. Carroll

01 FC:8021

40.00 OP

Reg. No.: 32,837

Total number of pages including cover sheet, attachments, and document: 4

## 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

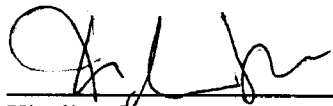
Serial No.: 10/157,442

WHEREAS, The Regents Of The University Of Michigan, a Michigan corporation, 3003 South State Street, Ann Arbor, Michigan 48109-1280, and The University of Houston System, of Houston, Texas, a public education institution of the State of Texas, having offices at E. Cullen Bldg., Room 316, 4800 Calhoun Street, Houston, Texas 77204 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;

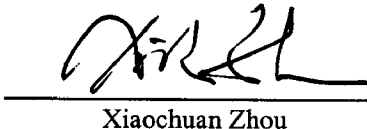
NOW THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for and in consideration of the sum of One Dollar (\$1.00) lawful money paid to ASSIGNOR by ASSIGNEE and other good and valuable consideration, receipt of which is hereby acknowledged, ASSIGNOR has sold, assigned and transferred, and by these 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

4/21/04  
Date

  
Xiaochuan Zhou

4/21/04  
Date

Erdogan Gulari

Date

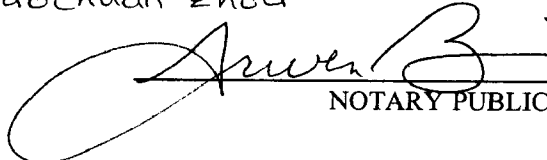
STATE OF Texas )  
COUNTY OF Harris )

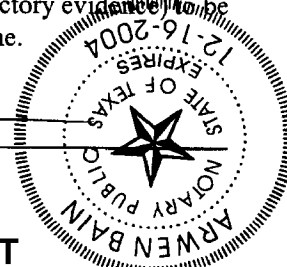
ss.

On this 21<sup>st</sup> day of April, in the year of 2004, 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.

ASSIGNORS: Xiaolian Gao and Xiaochuan Zhou

SEAL

  
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

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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

  
Erdogan Gulari

4/5/04  
Date

STATE OF \_\_\_\_\_ )

COUNTY OF \_\_\_\_\_ )

ss.

On this \_\_\_\_\_ day of \_\_\_\_\_, in the year of \_\_\_\_\_, 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.

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NOTARY PUBLIC