

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT | | | | | | | | | | | | |
|--|---|---------------|---|---------------------|----------------------|-------------------|------------|-------|---------|----------------|------------|--------------|------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT | | | | | | | | | | | | |
| CONVEYING PARTY DATA | | | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> <tr> <td>William S.C. Chang</td> <td>10/05/2001</td> </tr> <tr> <td>Paul K.L. Yu</td> <td>10/03/2001</td> </tr> </table> | | Name | Execution Date | William S.C. Chang | 10/05/2001 | Paul K.L. Yu | 10/03/2001 | | | | | | |
| Name | Execution Date | | | | | | | | | | | | |
| William S.C. Chang | 10/05/2001 | | | | | | | | | | | | |
| Paul K.L. Yu | 10/03/2001 | | | | | | | | | | | | |
| RECEIVING PARTY DATA | | | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>The Regents of the University of California</td> </tr> <tr> <td>Street Address:</td> <td>1111 Franklin Street</td> </tr> <tr> <td>Internal Address:</td> <td>5th Floor</td> </tr> <tr> <td>City:</td> <td>Oakland</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>94607-5200</td> </tr> </table> | | Name: | The Regents of the University of California | Street Address: | 1111 Franklin Street | Internal Address: | 5th Floor | City: | Oakland | State/Country: | CALIFORNIA | Postal Code: | 94607-5200 |
| Name: | The Regents of the University of California | | | | | | | | | | | | |
| Street Address: | 1111 Franklin Street | | | | | | | | | | | | |
| Internal Address: | 5th Floor | | | | | | | | | | | | |
| City: | Oakland | | | | | | | | | | | | |
| State/Country: | CALIFORNIA | | | | | | | | | | | | |
| Postal Code: | 94607-5200 | | | | | | | | | | | | |
| PROPERTY NUMBERS Total: 1 | | | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 30%;">Property Type</th> <th style="width: 70%;">Number</th> </tr> <tr> <td>Application Number:</td> <td>11498912</td> </tr> </table> | | Property Type | Number | Application Number: | 11498912 | | | | | | | | |
| Property Type | Number | | | | | | | | | | | | |
| Application Number: | 11498912 | | | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | | | |
| <p>Fax Number: (312)360-9315</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 3123600080</p> <p>Email: docket@gbclaw.net</p> <p>Correspondent Name: Greer, Burns & Crain Ltd.</p> <p>Address Line 1: 300 South Wacker Drive</p> <p>Address Line 2: Suite 2500</p> <p>Address Line 4: Chicago, ILLINOIS 60606</p> | | | | | | | | | | | | | |
| ATTORNEY DOCKET NUMBER: | 0321.75681 | | | | | | | | | | | | |
| NAME OF SUBMITTER: | Arik B. Ranson | | | | | | | | | | | | |
| <p>Total Attachments: 2</p> <p>source=GJ5078#page1.tif</p> | | | | | | | | | | | | | |

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PATENT
REEL: 024587 FRAME: 0701

ASSIGNMENT

WHEREAS, William S.C. Chang, a citizen of USA, residing at 12676 Caminito Radiante, San Diego, CA 92130, and Paul K.L. Yu, a citizen of U.S.A, residing at 8564 Hopseed Lane, San Diego, CA 92130, hereinafter referred to as ASSIGNORS, have invented and own a certain invention entitled:

METHOD FOR OPTICAL MODULATION AT PERIODIC OPTICAL STRUCTURE BAND EDGES

for which application for Letters Patent of the United States has been filed on even date; and

WHEREAS, THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, a non-profit organization of the State of California having a place of business at 1111 Franklin Street, 5th Floor, Oakland, California 94607-5200, hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire interest in, to and under said invention and any United States Letters Patent to be obtained therefor:

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:

Be it known that in consideration of the payment by ASSIGNEE TO ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the full and exclusive right, title and interest to said invention and all Letters Patent of the United States to be obtained therefor on said utility application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted.

ASSIGNOR also assigns all of his rights, titles and interests in and to said invention in all foreign countries, and all applications for Letters Patent which may evolve therefrom, including the right to claim International Convention priority.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

ASSIGNOR further covenants that ASSIGNEE will, upon their request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR and

ASSIGNOR will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or their legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

Date Oct. 5, 2001

William S.C. Chang
William S.C. Chang

State of _____)
County of _____) ss:
County of _____)

I hereby certify that William S.C. Chang before me personally appeared and acknowledged that the foregoing Assignment was duly signed, sealed and delivered by him as his free and voluntary act on this _____ day of _____, 2001.

(Notarial Seal)

Notary Public

My commission expires:

Date 10/3/2001

Paul K.L. Yu
Paul K.L. Yu

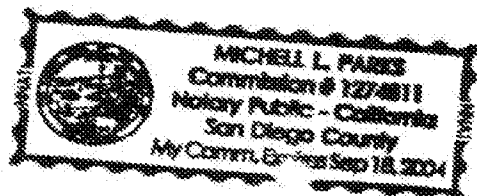
State of California)
County of San Diego) ss:
County of _____)

I hereby certify that Paul K.L. Yu before me personally appeared and acknowledged that the foregoing Assignment was duly signed, sealed and delivered by him as his free and voluntary act on this 3 day of October, 2001.

(Notarial Seal)

Notary Public

My commission expires: September 15, 2004



Mitchell L. Parks
Mitchell L. Parks