



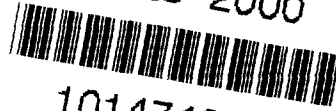
MRO 9/22/00

09-28-2000

PATENT Attorney Docket No.: UM-04428

Form PTO-1595

RECOR



PATENT 101474077

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.

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| <p>1. Name of conveying party(ies):</p> <p>Joseph Holoshitz M.D.<br/>James A. Shayman M.D.<br/>Shi-Yu Tan M.D.</p> <p>Additional name(s) of conveying party(ies) attached? No</p>   | <p>2. Name and address of receiving party(ies):</p> <p>The Regents of the University of Michigan<br/>3003 South State Street<br/>Ann Arbor, Michigan 48109-1280</p> <p>Additional name(s) &amp; address(es) attached? No</p>   |  |                          |
| <p>3. Nature of conveyance:</p> <p>Assignment</p> <p>Execution Date: 9/1/2000, 9/5/2000</p>   |  |  |                          |
| <p>4. Title of Invention: <b>Compositions and Methods For Treating Autoimmune Disease</b></p> <p>Application number(s) or patent number(s):</p> <table border="1"> <tr> <td data-bbox="81 892 787 1018"> <p>A. Patent Application No.(s):</p> <p>09/575,612</p> </td> <td data-bbox="787 892 1502 1018"> <p>B. Patent No.(s):</p> </td> </tr> </table> <p>Additional numbers attached? No</p> |  | <p>A. Patent Application No.(s):</p> <p>09/575,612</p> | <p>B. Patent No.(s):</p> |
| <p>A. Patent Application No.(s):</p> <p>09/575,612</p>  | <p>B. Patent No.(s):</p>   |  |                          |
| <p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Peter G. Carroll<br/>MEDLEN &amp; CARROLL, LLP<br/>220 Montgomery Street, Suite 2200<br/>San Francisco, California 94104</p>  | <p>6. Total number of applications and patents involved: 1</p> <p>7. Total fee(s):</p> <p>Check(s) in the amount of <b>\$105.00</b> enclosed (\$65 surcharge filing missing parts, \$40 recordation fee).</p> <p>8. Deposit Account Authorization:</p> <p>The Commissioner is hereby authorized to charge any additional fees or credit any overpayment to Deposit Account No. <b>08-1290</b>. <b>An originally executed duplicate of this transmittal is enclosed for this purpose.</b></p> |  |                          |

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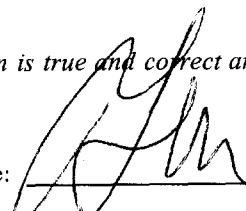
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*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

Date: September 20, 2000

Signature: 

Name: Peter G. Carroll

Reg. No.: 32,837

Total number of pages including cover sheet, attachments, and document: 3

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| Form PTO-1595 | RECORDATION FORM COVER SHEET<br><br><b>PATENTS ONLY</b> | U.S. Department of Commerce<br>Patent and Trademark Office |
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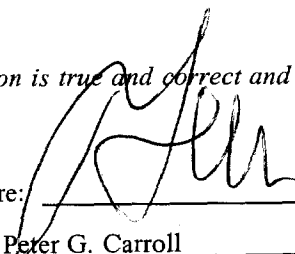
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| 3. Nature of conveyance:<br><br>Assignment<br><br>Execution Date: <b>9/1/2000, 9/5/2000</b>   |  |

|  |                   |
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| 4. Title of Invention: <b>Compositions and Methods For Treating Autoimmune Disease</b><br>Application number(s) or patent number(s): |                   |
| A. Patent Application No.(s):<br><br><b>09/575,612</b>   | B. Patent No.(s): |
| Additional numbers attached? <b>No</b>   |                   |

|  |  |
|--|--|
| 5. Name and address of party to whom correspondence concerning document should be mailed:<br><br>Peter G. Carroll<br>MEDLEN & CARROLL, LLP<br>220 Montgomery Street, Suite 2200<br>San Francisco, California 94104 | 6. Total number of applications and patents involved: <b>1</b><br><br>7. Total fee(s):<br><br>Check(s) in the amount of <b>\$105.00</b> enclosed (\$65 surcharge filing missing parts, \$40 recordation fee).<br><br>8. Deposit Account Authorization:<br><br>The Commissioner is hereby authorized to charge any additional fees or credit any overpayment to Deposit Account No. <b>08-1290</b> . An originally executed duplicate of this transmittal is enclosed for this purpose. |
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| Total number of pages including cover sheet, attachments, and document: <b>3</b>  |   |

### ASSIGNMENT

WHEREAS, WE, Joseph Holoshitz M.D., James A. Shayman M.D. and Shi-Yu Tan M.D., 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: **Compositions and Methods For Treating Autoimmune Disease**

Filing Date: 05/22/00 Serial No.: 09/575,612

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.

Joseph Holoshitz  
Joseph Holoshitz M.D.

James A. Shayman 9.100  
James A. Shayman M.D.

Shi-Yu Tan  
Shi-Yu Tan M.D.

STATE OF MICHIGAN )  
COUNTY OF Wayne )

DIANE RUPPRECHT  
Notary Public, Wayne County, MI  
My Commission Expires Apr. 16, 2002  
377-62-1408

On this 5 day of SEPTEMBER, in the year of 2000, 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.

Diane Rupprecht  
NOTARY PUBLIC

SEAL