



Tab settings

To the Honorable Commissioner of Patents and

100760701

original documents or copy thereof.

MAR 7-6-98

1. Name of conveying party(ies):

William R. Jacobs, Jr.

Additional name(s) of conveying party(ies) attached?  Yes  No

2. Name and address of receiving party(ies)

Name: Howard Hughes Medical Institute

Internal Address: \_\_\_\_\_

Street Address: 4000 Jones Bridge Road

City: Chevy Chase State: MD ZIP: 20815

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

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other \_\_\_\_\_

Execution Date: May 27, 1998

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: \_\_\_\_\_

A. Patent Application No.(s)

09/054,680

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Name: Elizabeth A. Bogosian

Internal Address: \_\_\_\_\_

Amster, Rothstein & Ebenstein

Street Address: 90 Park Avenue

21st Floor

City: New York State: NY ZIP: 10016

6. Total number of 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:

01-1785

(Attach duplicate copy of this page if paying by deposit account)

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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.

Elizabeth A. Bogosian

Name of Person Signing

Reg. No. 39,911

*Elizabeth A. Bogosian*

Signature

July 2, 1998

Date

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

4

A S S I G N M E N T

WHEREAS, William R. Jacobs, Jr. (hereinafter "the Assignor"), a citizen of the United States of America residing at 163 Fordham Street, City Island, New York 10464 has, together with co-inventor John D. McKinney, invented certain new and useful improvements in MYCOBACTERIAL ISOCITRATE LYASE GENE AND USES THEREOF, for which an application for United States Letters Patent was filed on April 3, 1998, Serial No. 09/054,680, and

WHEREAS, Howard Hughes Medical Institute, (hereinafter "the Assignee"), a corporation organized under the laws of the State of Maryland, having a principal place of business at 4000 Jones Bridge Road, Chevy Chase, Maryland 20815-6789 is desirous of acquiring the entire right, title and interest in and to said application and the invention described therein, and each and every patent that can be issued on said application and on said invention in the United States of America and in its territories and possessions, and in all countries foreign to the United States of America;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for and in consideration of One Dollar (\$1.00), in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, the Assignor has sold, assigned and transferred, and by these presents does hereby sell, assign and transfer unto the Assignee the full and exclusive right, title and interest in and to the aforesaid application, the aforesaid invention, and each and every patent that may be issued on the

aforesaid invention and application in the United States of America, and in its territories and possessions and also in all countries foreign to the United States of America, the same to be held and enjoyed by the Assignee for its own use and benefit, and for the use and benefit of its successors, assigns or other legal representatives to the end of the term or terms for which a patent or patents may be granted as fully and entirely as the same would have been held and enjoyed by Assignor if this Assignment had not been made.

Assignor hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent on the aforesaid invention or resulting from the aforesaid application directly to the Assignee.

Assignor hereby authorizes the Assignee and its successors to apply for a patent or patents directly in its own name upon the aforesaid invention wherever the same is permitted by law, and also assigns, sells, transfers and sets over unto the Assignee and its successors all priority rights under the aforesaid application.

Assignor further covenants to execute all additional instruments and to do all things necessary to carry out the purpose of this instrument, at the expense of the Assignee and its successors.

