

03-23-2001

FORM PTO-1619A
Expires 06/30/99
OMB 0651-0027



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Conveyance Type

- ☒ Assignment ☐ Security Agreement
- ☐ License ☐ Change of Name
- ☐ Merger ☐ Other
- U.S. Government**
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- ☐ Departmental File ☐ Secret File

Conveying Party(ies)

- ☐ Mark if additional names of conveying parties attached
- Name (line 1) **Howard Hughes Medical Institute**
- Name (line 2)
- Execution Date
Month Day Year
02 12 01

Second Party

- Name (line 1)
- Name (line 2)
- Execution Date
Month Day Year

Receiving Party

- ☐ Mark if additional names of receiving parties attached

- Name (line 1) **Albert Einstein College of Medicine of Yeshiva University**
- Name (line 2)
- Address (line 1) **1300 Morris Park Avenue**
- Address (line 2) **Bronx**
- Address (line 3) **New York** **New York** **10461**
- City State/Country Zip Code

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Domestic Representative Name and Address

Enter for the first Receiving Party only.

- Name **Craig J. Arnold**
- Address (line 1) **Amster, Rothstein & Ebenstein**
- Address (line 2) **90 Park Avenue**
- Address (line 3) **New York, New York 10016**
- Address (line 4)

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Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

PATENT
REEL: 011600 FRAME: 0876

Correspondent Name and Address

Area Code and Telephone Number (212) 697-5995

Name Craig J. Arnold

Address (line 1) Amster, Rothstein & Ebenstein

Address (line 2) 90 Park Avenue

Address (line 3) New York, New York 10016

Address (line 4)

Pages

Enter the total number of pages of the attached conveyance document including any attachments.

2

Application Number(s) or Patent Number(s)

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

09/350,048

Patent Number(s)

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number
only if a U.S. Application Number
has not been assigned.

PCT

PCT

PCT

PCT

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PCT

Number of Properties

Enter the total number of properties involved.

1

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00

Method of Payment:
Deposit AccountEnclosed ☒Deposit Account ☐

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

01-1785

Authorization to charge additional fees:

Yes

☒

No

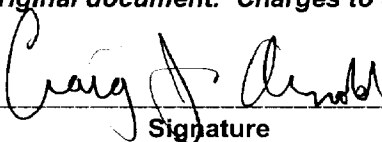
☐

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. Charges to deposit account are authorized, as indicated herein.

Craig J. Arnold

Name of Person Signing



Signature

March 5, 2001

Date

ASSIGNMENT

WHEREAS, Howard Hughes Medical Institute (hereinafter "the Assignor"), having a principal place of business at 4000 Jones Bridge Road, Chevy Chase, Maryland 20815-6789, U.S.A., has ownership rights in U.S. Patent Application No. 09/350,048, filed July 8, 1999, entitled ONE STEP ALLELIC EXCHANGE IN MYCOBACTERIA USING IN VITRO GENERATED CONDITIONAL TRANSDUCING PHAGES, 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, by virtue of an Assignment from William R. Jacobs, Jr. to Howard Hughes Medical Institute, executed September 23, 1999; and

WHEREAS, Albert Einstein College of Medicine of Yeshiva University (hereinafter "the Assignee"), having a principal place of business at 1300 Morris Park Avenue, Bronx, New York 10461, U.S.A., is desirous of acquiring Howard Hughes Medical Institute's 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 its full and exclusive right, title and interest in and to the aforesaid applications, the aforesaid inventions, and each and every patent that may be issued on the aforesaid inventions and applications 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.

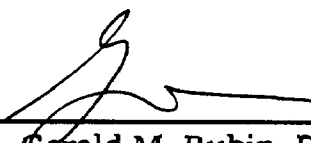
Assignor hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent on the aforesaid inventions or resulting from the aforesaid applications directly to the Assignee.

Assignor hereby authorizes the Assignee and its successors to apply for a patent or patents directly in its own name upon the aforesaid inventions 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 applications.

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.

IN WITNESS WHEREOF, Assignor has hereunto set his hands and affixed his seal this day of 12 FEB , 2001.

HOWARD HUGHES MEDICAL INSTITUTE

By 
Name: Gerald M. Rubin, Ph.D.
Title: Vice President for Biomedical Research

STATE OF)
) ss.:
COUNTY OF)

On this day of , 2001, before me came Gerald M. Rubin, known to me to be the individual described in, and who executed, the foregoing instrument, and he acknowledged to me that he had executed the same.

Notary Public