

MAR 17 1999



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To the Honorable Commissioner of Patents and

al documents or copy thereof.

MRD 3-17-99

1. Name of conveying party(ies):

Kevin P. CAMPBELL and
HOWARD HUGHES MEDICAL INSTITUTE

2. Name and address of receiving party(ies):

Name: THE UNIVERSITY OF IOWA RESEARCH
FOUNDATION

Internal Address:

Street Address: 500 Oakdale Campus, 214 TIC

City: Iowa City, State: Iowa Zip: 52242-5576

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

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other

Execution Date: March 2, 1999

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)
09/209,108, Filed December 10, 1998

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Darby & Darby P.C.
Internal Address: David B. Schram, Esq.

Street Address: 805 Third Avenue, 27th Floor

City: New York State: New York Zip: 10022-7513

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:

04-0100 ✓

(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.

David B. Schram
Name of Person Signing

Signature

March 15, 1999
Date

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

4

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments, Washington, D.C. 20231

ASSIGNMENT

WHEREAS, **Kevin P. CAMPBELL**, a citizen of the United States of America, residing at 931 Evergreen Court, Iowa City, Iowa 52245, United States of America, has made certain invention in

RECEPTOR FOR MYCOBACTERIUM LEPRAE AND METHODS OF USE THEREOF

described in the Specification filed in the U.S. Patent and Trademark Office on December 10, 1998 and assigned Serial No. 09/209,108;

WHEREAS, **HOWARD HUGHES MEDICAL INSTITUTE**, a non-profit institution organized and existing under the laws of the State of Maryland, having a business address at 4000 Jones Bridge Road, Chevy Chase, Maryland, 20815-6789, collectively with Kevin P. Campbell, Assignor; Assignee of Kevin P. Campbell's right, title, and interest to said invention by virtue of an Assignment in accordance with Kevin P. Campbell's Employment Agreement, desires to assign, transfer, and set over its right, title, and interest in and to said invention to the Assignee named below in accordance with its agreements with said Assignee, and furthermore, has designated and authorized Kevin P. Campbell its agent for this purpose as set forth in the copy of the authorization letter attached hereto hereinbelow; and

WHEREAS, **THE UNIVERSITY OF IOWA RESEARCH FOUNDATION**, a university organized and existing under the laws of the State of Iowa, having a business address at 500 Oakdale Campus, 214 TIC, Iowa City, Iowa 52242-5576, hereinbelow called the "Assignee", is desirous of securing the entire right, title and interest in to the said invention, application and Letters Patent, when granted, and in and to any divisions, continuations, improvements, reissues or extensions that may be made or granted thereon;

NOW, THEREFORE, BE IT KNOWN, that for and in consideration of the sum of One Dollar (\$1.00) to me in hand paid by the said Assignee, and other good and valuable consideration, the receipt of all of which is hereby acknowledged, I, the said Assignor, has sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said Assignee, its successors and assigns, the entire right, title and interest throughout the world in and to the said invention, application and Letters Patent, when granted, and in and to any divisions, continuations, improvements, reissues or extensions that may be made or granted on any of them;

TO HAVE AND TO HOLD the same to the full end of the term or terms for which said Letters Patent may be granted, as fully and completely as the same might be held by me had this sale and assignment not been made.

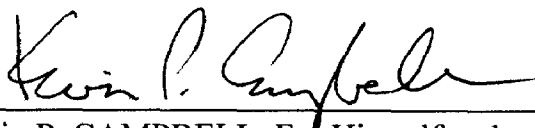
For the consideration aforesaid, I hereby covenant and agree to and with the said Assignee, its successors and assigns, that whenever its counsel or representative, or the counsel or representative of its successors or assigns, shall advise that an amendment to, or a division of, or any other proceeding or action in connection with said application or invention, including interference proceedings, is lawful and desirable, or that a reissue or continuation or extension of said Letters Patent is lawful and desirable, I will sign all papers and drawings, take all rightful oaths and affidavits, and do all acts necessary or required to be done for the procurement of valid Letters Patent for said invention, or for the reissue or continuation or extension of the same, and will do all acts necessary or required to secure to the said Assignee, its successors and assigns, the title to and full benefit of all rights hereby assigned, without charge to said Assignee or its successors or assigns, but at its or their expense;

AND the Commissioner of Patents and Trademarks is requested to issue the said Letters Patent, when granted, in accordance with this sale and assignment.

For the consideration aforesaid, I have sold, assigned, transferred and set over and by these presents do sell, assign, transfer and set over unto the said Assignee, its successors and assigns, or the nominees of any of them, the entire right, title and interest in and to any and all Letters Patent for said invention which may be granted in countries foreign to the United States, and in and to any applications for Letters Patent which may be filed for said invention in countries foreign to the United States, and in and to the invention described in said applications; and I hereby authorize and empower said Assignee and its successors, assigns or nominees, to apply for Letters Patent or other form of protection on said invention in its own name or in the name of its successors, assigns or nominees, in any or all countries where it may desire to file such application, and where said application may be filed by another than the inventor; and I hereby covenant and agree to sign all papers and drawings, take all rightful oaths, execute all rightful affidavits, and do all acts necessary or required to be done for the procurement and maintenance of Letters Patent or other form of protection for said invention in countries foreign to the United States, and for further investing or confirming the right and title thereto in the Assignee, its successors, assigns or nominees, without charge to said Assignee, its successors, assigns or nominees, but at its or their expense.

I declare under penalty of perjury under the laws of the United States of America that I have signed this document as my own free act and that all of the foregoing is true and correct.

Dated: 3/2/99



Kevin P. CAMPBELL, For Himself and
As Agent for The Howard Hughes Medical Institute

COPY

APPOINTMENT OF INVESTIGATOR AS AGENT

Appointment by the Howard Hughes Medical Institute (the "Institute") of Dr. Kevin P. Campbell, an investigator employed by the Institute, as its agent for the purpose of assigning certain rights to the University of Iowa Research Foundation (the "Foundation").

WHEREAS, the Institute and the University of Iowa (the "University") collaborate in the active conduct of medical research pursuant to a Collaboration Agreement between them dated as of June 1, 1989 (the "Collaboration Agreement");

WHEREAS, pursuant to the Collaboration Agreement, the Institute has agreed to assign to the University the Institute's rights with respect to inventions, discoveries, improvements, and other intellectual property, whether patentable or copyrightable (each a "Subject Property"), conceived or reduced to practice in the course of the research program conducted under the Collaboration Agreement by employees of the Institute;

WHEREAS, pursuant to the patent policy of the University, the Foundation is the owner and manager of the University's rights in Subject Property, and, accordingly, the University has directed the Institute to assign the University's rights in Subject Property to the Foundation;

WHEREAS, research conducted pursuant to the Collaboration Agreement by Dr. Campbell while employed by the Institute at the University has resulted in the invention of a certain Subject Property entitled "Alpha-Dystroglycan is a Major Schwann Cell Receptor for M. leprae," which may be the subject of a patent application (the "Invention"), and the Invention is a Subject Property; and

WHEREAS, the Institute wishes Dr. Campbell to act as its agent for the purpose of assigning to the Foundation the rights the Institute has in the Invention by reason of the research program conducted at the University,

NOW, THEREFORE, the Institute hereby appoints Dr. Campbell as its agent for the purpose of assigning the rights the Institute has in the Invention by reason of the research program conducted at the Foundation to the Foundation in accordance with and subject to the conditions of the Collaboration Agreement.

Executed July 6, 1998

HOWARD HUGHES MEDICAL INSTITUTE

By: W. Maxwell Cowan
W. Maxwell Cowan, M.D., Ph.D.
Vice President and Chief Scientific Officer

ATTESTED:

Joan S. Leonard
Joan S. Leonard, Esq.
Vice President and General Counsel and Secretary

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