

03-24-1999

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To the Honorable Commissioner of Patents and

documents or copy thereof.

1. Name of conveying party(ies):

Kevin P. CAMPBELL

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

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other

Execution Date: June 19, 1998

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

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:

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)

DO NOT USE THIS SPACE

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

David B. Schram  
Signature

March 15, 1999  
Date

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

3

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

PATENT  
REEL: 9830 FRAME: 0885

ASSIGNMENT

Assignment made June 19, 1998, by Kevin P. Campbell, Ph.D. ("Inventor") to the Howard Hughes Medical Institute, a Delaware corporation (the "Institute").

Recitals

WHEREAS, Inventor is an employee of the Institute and, as a condition of his employment, has signed the Agreement appended to the Institute's Policy on Intellectual Property (the "Intellectual Property Agreement");

WHEREAS, pursuant to the Intellectual Property Agreement, Inventor has agreed (a) to assign to the Institute all rights he may acquire in any invention, discovery, improvement, or other intellectual property, whether or not patentable or copyrightable, developed directly or indirectly as a result of a program of research financed by Institute funds or by funds under the control of the Institute (each a "Subject Property") and (b) to execute any agreements that may be desired by the Institute in connection with such assignment;

WHEREAS, Inventor has, alone or with others, invented "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, Inventor seeks to make a formal assignment of his interest in the Invention to the Institute, and the Institute desires the execution of a formal assignment of all of Inventor's right, title, and interest in the Invention.

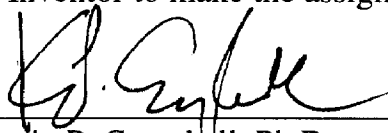
NOW, THEREFORE, in consideration of the promises contained in and the acts performed and to be performed pursuant to the Intellectual Property Agreement and of other good and valuable consideration, the receipt of which is hereby acknowledged by Inventor, Inventor agrees as follows:

1. Assignment. Inventor hereby assigns to the Institute his entire right, title, and interest in the Invention; any United States patent applications and all corresponding foreign patent applications which are directed to the Invention and any and all patents issued therefrom; all United States or foreign division and continuation applications based on any of the foregoing, and any and all patents issued therefrom; and all claims which are directed to the Invention and which may be contained in continuation-in-part applications or in patents which issue therefrom.

2. Cooperation. Inventor agrees to execute upon request such further assignments, documents, and other instruments as may be necessary or desirable to assign Inventor's entire right, title and interest in the Invention to the Institute and to assist the Institute (or others at the direction of the Institute) in applying for, obtaining, and enforcing patents, copy-rights, or other rights in the United States and in any foreign country with respect to the Invention.

3. Parties. The terms and provisions of this Assignment shall inure to the benefit of the Institute and its successors and assigns and shall be binding on Inventor and his heirs, personal representatives and assigns.

4. Warranty. Inventor warrants and represents that he has not entered into any assignment, contract, or understanding in conflict herewith, and that there is no other person or entity whose consent is required in order for the Inventor to make the assignment contained herein.

Inventor:   
Kevin P. Campbell, Ph.D.

State of Iowa  
County of Johnson

Then personally appeared before me the above-named Kevin P. Campbell and acknowledged that he executed the foregoing instrument as his free act and deed this 19<sup>th</sup> day of June, 1998.

 Notary Public

Theresa Mayhew (print name)

(SEAL)

My Commission expires 10 / 4 / 99

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051102-998-01288

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RECORDED: 03/17/1999

PATENT  
REEL: 9830 FRAME: 0887