

FORM PTO-1595

(Rev. 6-93)

OMB No. 0651-0011 (exp. 4/94)

01-06-2004



102638573

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

William G. Kaelin (executed 10/21/03)

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: 4000 Jones Bridge Road
Chevy Chase, MD 20815-6789Street Address: 4000 Jones Bridge Road
Chevy Chase, MD 20815-6789

3. Nature of conveyance:

☒ Assignment☐ Security Agreement☐ Other _____☐ Merger☐ Change of Name

Execution Date: 10/21/03

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):

10/287,670, Filed November 4, 2002

B. Patent No(s):

Additional numbers attached? ☐ Yes ☒ No5. Name and address of party to whom correspondence
Concerning document should be mailed:Name: Ivor R. Elrifi
Address: MINTZ, LEVIN, COHN, FERRIS
GLOVSKY and POPEO, P.C.
One Financial Center
Boston, MA 02111

6. Total number of applications and patents involved: 1)

7. Total fee (37 CFR 3.41) \$40.00

☒ Enclosed☒ The Commissioner is authorized to charge Deposit Account
No: 50-0311, Reference No. 20363-009CIP1.

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.

Cynthia A. Kozakiewicz, Reg. No. 42,764

December 31, 2003

Signature

Date

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

Mail documents to be recorded with required cover sheet information to:

MAIL STOP ASSIGNMENT
Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

01/05/2004 DBYRNE 00000302 10287670

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ASSIGNMENT

Assignment made 10/21, 2003, by William G. Kaelin Jr, MD ("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 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 "A General Method for Monitoring the Activity of Enzymes and Protein-Protein Interactions in Living Animals" 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 State patent applications and all corresponding foreign patent applications which are directed to the Invention (including, without limitation, the patent application entitled "Transgenic Animals Expressing Light-emitting Fusion Proteins and Diagnostic and Therapeutic Methods Thereof" filed in the United States Patent and Trademark Office on November 4, 2002 with Serial Number 10/287,670), 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, copyrights, or other rights in the United States and in any foreign country with respect to the Invention.

3. Parties. The terms and provisions of the Assignment shall inure to the benefit of the Institute and its successors and assigns and shall be binding on the 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:

W. G. Kaelin Jr.
William G. Kaelin Jr, MD

Commonwealth of Massachusetts

County of Suffolk

Then personally appeared before me the above-named William G. Kaelin Jr, MD and acknowledged that he executed the foregoing instrument in his authorized capacity this 21 day of October, 2003.

(SEAL)

Notary Public:

Michael F. Murphy
Michael F. Murphy
(print name)

My Commission Expires SEPT. 13, 2007
MICHAEL F MURPHY
MY COMMISSION EXPIRES
SEPT. 13, 2007

DFCI 742
HHMI 02072