

PATENT ASSIGNMENT

Electronic Version v08

Stylesheet Version v02

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT OF ASSIGNOR'S INTEREST

CONVEYING PARTY DATA

Name	Execution Date
ROGER BRIESEWITZ	1999-07-08
GERALD R. CRABTREE	1998-07-09

RECEIVING PARTY DATA

Name	Street Address	Internal Address	City	State/Country	Postal Code
Howard Hughes Medical Institute	4000 Jones Bridge Road		Chevy Chase	MARYLAND	20815-6789

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number	11011499

CORRESPONDENCE DATA

FAX NUMBER: 6503273231

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

When the customer number has been provided, the Office of Public Records will obtain the correspondence data from the official record on file at the USPTO.

CUSTOMER NUMBER: 024353

NAME OF PERSON SIGNING:

Edward J. Baba

DATE SIGNED:

2005-06-14

Total Attachments: 4

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source=Assign2.tif

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OP \$40.00 11011499

PATENT

800018995

REEL: 016162 FRAME: 0261

ASSIGNMENT

Assignment made July 8, 1999, by Roger Briesewitz, 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 "Enhancement of Drug-Target Affinities by Protein Based Enlargement of the Drug Surface" 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 (including, without limitation, the patent application entitled "Bifunctional Molecules and Therapies Based Thereon" filed in the United States Patent and Trademark Office on May 21, 1999 with serial number 09/316,932 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.

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: Roger Briesewitz
Roger Briesewitz, Ph.D.

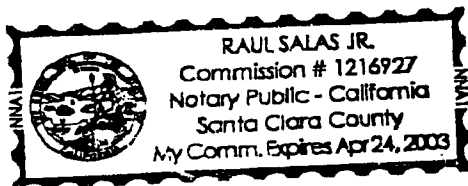
State of California
County of Santa Clara

Then personally appeared before me the above-named Roger Briesewitz and acknowledged that he executed the foregoing instrument as his free act and deed this 8 day of July, 1999.

Raul Salas Jr. Notary Public
RAUL SALAS JR. (print name)

(SEAL)

My Commission expires 4/24/2003



S99-058
99-01577

(19) 11-1295
Safe

ASSIGNMENT

Assignment made July 9, 1977, by Gerald R. Crabtree, M.D., 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 "Enhancement of Drug-Target Affinities by Protein Based Enlargement of the Drug Surface" 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, 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 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.

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

Inventor:

Gerald R. Crabtree
Gerald R. Crabtree, M.D., Ph.D.

State of California

County of SANTA CLARA

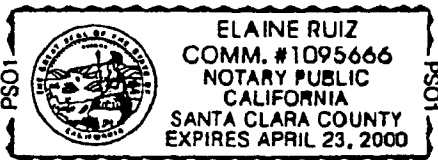
Then personally appeared before me the above-named Gerald R. Crabtree and
acknowledged that he executed the foregoing instrument as his free act and deed this 9TH day of
JULY, 1998.

Elaine Ruiz Notary Public

ELAINE RUIZ (print name)

(SEAL)

My Commission expires 04/23/00



S97-144

HHMI 022506-98-01295

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