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OMB No. 0651-0027 (exp. 5/31/2002)



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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Chu-Lai Hsiao

11/10/02

2. Name and address of receiving party(ies)

Name: Genetics Institute, Inc.

Internal Address:

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

3. Nature of conveyance:

- Assignment, Merger, Security Agreement, Change of Name, Other

Street Address: 87 Cambridge Park Drive

City: Cambridge State: MA Zip: 02140

Execution Date: August 27, 2001

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) 60/217,834 09/903,876

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Craig J. Arnold, Esq.

Internal Address: Amster, Rothstein & Ebenstein

6. Total number of applications and patents involved: 2

7. Total fee (37 CFR 3.41).....\$ 80.00

- Enclosed, Authorized to be charged to deposit account

01/15/2002 AAHMED1 00000057 60217834

01 FC:581 40.00 OP

Street Address: 90 Park Avenue

01/15/2002 AAHMED1 00000058 60217834

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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.

Craig J. Arnold, Reg. No. 34,287

Name of Person Signing

Signature

October 31, 2001

Date

Total number of pages including cover sheet, attachments, and documents: 6

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

PATENT REEL: 012448 FRAME: 0830

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNORS of good and valuable consideration, the receipt of which is hereby acknowledged,

ASSIGNORS:

(1) Full Name of Inventor: William S. Somers
Residence: 20 Mead Street, apt. #2, Cambridge, MA 02140
Citizenship: U.K.

(2) Full Name of Inventor: Zhang-Bao Xu
Residence: 40 Fieldston Circle, Tewksbury, MA 01876
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(3) Full Name of Inventor: Tatos N. Akopian
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(4) Full Name of Inventor: Chu-Lai Hsiao
Residence: 55 Sherbourne Point, Waltham, MA 02451
Citizenship: U.S.A.

(5) Full Name of Inventor: Rayomond Unwalla
Residence: 4025 Killington Court, Eagleville, PA 19403
Citizenship: India

hereby sell, assign, and transfer to ASSIGNEE:

Genetics Institute, Inc.
87 Cambridge Park Drive
Cambridge, Massachusetts 02140

and the successors, assigns, and legal representatives of the ASSIGNEE, the entire right, title, and interest for the United States and its territorial possessions, and in all foreign countries, including all rights to claim priority, in and to the invention entitled:

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COMPLEX AND USES THEREOF**

that was invented by ASSIGNORS, and which is found in U.S. application Serial No. 60/217,834, filed on July 12, 2000, and in U.S. application Serial No. 09/903,876, filed on July 11, 2001, and any legal equivalent thereof in a foreign country, including the right to claim priority, including any and all improvements disclosed therein, and in and to all Letters Patent to be obtained for said invention by the above application, or any continuation, division, renewal, or substitute thereof, and, as to Letters Patent, any reissue or re-examination thereof.

ASSIGNORS hereby covenant that no assignment, sale, agreement, or encumbrance has been, or will be, made or entered into which would conflict with this Assignment.

ASSIGNORS authorize ASSIGNEE to make applications for, and to receive, Letters Patent for said invention in any of said countries, in ASSIGNEE's name, or in ASSIGNORS' names, at ASSIGNEE's election.

ASSIGNORS covenant and agree to execute or procure any further necessary assurance of the title to said invention, and any Letters Patent which may issue therefor, and to, at any time, upon the request and at the expense of ASSIGNEE, deliver any testimony in any interference, litigation, or proceeding related thereto, and to execute all papers that may

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ASSIGNORS authorize and request the Commissioner of Patents to issue any and all Letters Patent of the United States for said invention, resulting from any of the aforesaid applications, to said Genetics Institute, Inc. as their ASSIGNEE.

WITNESS our hands and seals this 27th day of August, 2001.

William S. Somers

Zhang-Bao Xu

Chulai Hsiao

Tatos N. Akopian

Chu-Lai Hsiao

Raymond Unwalla

