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Patent and Trademark Office

Atty Dkt No: P1748R1E



JC13 Rec'd PCT/PTC

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1. Name of conveying partytics).

Frederic DeSauvage Iqbal Grewal Austin L. Gurney

03/20/02

Additional name(s) of conveying party(ies) attached? Yes \underline{x} No

3. Nature of conveyance:

x Assignment

Merger

Security Agreement

Change of Name

Other:

Execution Date: March 20, 2002

4. Application number(s) or patent number(s): 10/8895

If this document is being filed together with a new application, the execution date of the application is: March 20, 2002

A. Patent Application No.(s)

To Be Assigned

Additional numbers attached? Yes x No

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

Atulya R. Agarwal, Ph.D.



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PATENT TRADEMARK OFFICE

03/29/2002 NNGUYEN 00000129 070630 10088950

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6. Total number of applications and patents involved: <u>1</u>

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

City: South San Francisco State: California

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

Name: GENENTECH, INC.

Street Address: 1 DNA Way

Internal Address:

ZIP: 94080-4990

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

Enclosed

X Authorized to be charged to deposit

account

B. Patent No.(s)

8. Deposit account number:

07-0630

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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.

Atulya R. Agarwal, Ph.D. Name of Person Signing Registration No. 40,887 Signature Signature

March 20, 2002

Date

Total number of pages comprising cover sheet, attachments and document: $\underline{3}$

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

Assistant Commissioner of Patents

Box: Assignments Washington, DC 20231

Revised (10/11/95)

PATENT REEL: 012992 FRAME: 0454

ASSIGNMENT

WHEREAS, Frederic De Sauvage, a citizen of Belgium, residing at 187 Shooting Star Isle, Foster City, CA 94404, and Iqbal Grewal, a citizen of United States of America, residing at 34802 Candice Court, Fremont, CA 94555, and Austin L. Gurney, a citizen of United States of America, residing at One Debbie Lane, Belmont, CA 94002, (hereinafter "ASSIGNORS"), have invented a new and useful invention in

MODULATION OF T CELL DIFFERENTIATION FOR THE TREATMENT OF T HELPER CELL MEDIATED DISEASES

for which an application Serial No.(to be assigned) (Attorney Docket No. P1748R1E) a 35 U.S.C. 371 of PCT/US00/28827 filed 18 October 2000 for Letters Patent has been filed by them; and

WHEREAS, GENENTECH, INC., a corporation organized and existing under and by virtue of the laws of the State of Delaware, having a place of business at 1 DNA Way, South San Francisco, California 94080-4490, is desirous of acquiring an interest in and to said invention, and in and to the Letters Patents to be obtained therefor;

NOW, THEREFORE, be it known by all whom it may concern;

That for good and valuable consideration the receipt of which is hereby acknowledged, the said ASSIGNORS have and do hereby sell, assign, transfer and set over unto the said GENENTECH, INC., its successors and assigns, the full and exclusive right, title and interest including all rights under the Paris Convention for the Protection of Industrial Property, in and to said invention, and in and to any and all Letters Patents to be granted and issued therefor or any continuation, division, renewal, or substitute thereof, and as to Letters Patents any reissue or re-examination thereof, not only for, to, and in the United States of America, its territories and possessions, but for, to and in all other countries; and it has been and is hereby authorized and requested that the appropriate government agencies issue said Letters Patents to said GENENTECH, INC., in accordance with this Assignment.

Said ASSIGNORS covenant and agree to cooperate with GENENTECH, INC., to enable said GENENTECH, INC. to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said ASSIGNORS includes prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said GENENTECH, INC., (a) for perfecting the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting applications for reissuance of any of said patents; (d) for interference or other priority proceedings involving said invention; and (e) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said ASSIGNORS in providing such cooperation shall be paid for by said GENENTECH, INC.

The terms and covenants of this assignment shall inure to the benefit of said GENENTECH, INC., its successors, assigns and other legal representatives, and shall be binding upon said ASSIGNORS, their respective heirs, legal representatives and assigns.

Said ASSIGNORS hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

PATENT REEL: 012992 FRAME: 0455

IN WITNESS WHEREOF we undersign as follows;

South San Francisco

Dated: 3/19/02

South San Francisco

Dated: 3/19/02

South San Francisco

Dated: 2/19/07

RECORDED: 03/20/2002

Frederic De Sauvage

Iqbal Grewal

Austin L. Gurney

PATENT REEL: 012992 FRAME: 0456