RECORDATION FORM COVE **PATENTS ONLY**

09-10-1999

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

4MERCE

P1055R1

Assistant Commissioner of Patents: Please record the attached original

1. Name of conveying party(ies):

Avi J. Ashkenazi, Phillip W. Berman, David Brousseau, Tina Etcheverry

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

3. Nature of conveyance:

X Assignment

Merger

Security Agreement

Change of Name

Other:

Execution Date: 4 August 1999, 5 August 1999, 25 August

1999, 5 August 1999

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)

09/291.925

B. Patent No.(s)

Additional numbers attached? Yes X No

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

Jeffrey S. Kubinec GENENTECH, INC. 1 DNA Way South San Francisco, CA 94080

09291925 00000006 070630

WOULD Lit

Total number of applications and patents involved: 1

Total fee (37 CFR 3.41): \$40.00

Enclosed

X Authorized to be charged to deposit account

Deposit account number: 07-0630

DO NOT USE THIS SPACE

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.

Jeffrey S. Kubinec

Name of Person Signing Registration No. 36,575 September 3, 1999 Date

Total number of pages comprising cover sheet, attachments and document: 5

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

Assistant Commissioner of Patents

Box Assignments Washington, D.C. 20231

Revised (10/11/95)

REEL: 010217 FRAME: 0880

9/10/1999 SPYNE1

ASSIGNMENT

WHEREAS, Avi J. Ashkenazi, a citizen of United States, residing at 1456 Tarrytown Street, San Mateo, California 94402, and Phillip W. Berman, a citizen of United States, residing at 95 Cheyenne Pt., Portola Valley, CA 94028, and David Brousseau, a citizen of United States, residing at 1274 43rd Avenue, San Francisco, California 94127, and Tina Etcheverry, a citizen of United States, residing at 1471 Greenwood Terrace, Berkeley, California 94708 (hereinafter "ASSIGNORS"), have invented a new and useful invention in

PROTEIN SECRETION

for which an application Serial No. 09/291,925 (Docket No. P1055R1) for Letters Patent has been filed by them on 14 April 1999; 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 94080-4990, 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.

PATENT REEL: 010217 FRAME: 0881 Said ASSIGNORS hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF we undersign as follows;

South San Francisco	Avi J. Ashkenazi
Dated: 3/4/99	
South San Francisco	
Dated:	Phillip W. Berman
South San Francisco	Dar Brouseau
Dated: <u>8/25/99</u>	David Brousseau
South San Francisco	Juia Et Chenny
Dated: 8/5/99	Tina Etcheverry

ASSIGNMENT

WHEREAS, Avi J. Ashkenazi, a citizen of United States, residing at 1456 Tarrytown Street, San Mateo, California 94402, and Phillip W. Berman, a citizen of United States, residing at 95 Cheyenne Pt., Portola Valley, CA 94028, and David Brousseau, a citizen of United States, residing at 1274 43rd Avenue, San Francisco, California 94127, and Tina Etcheverry, a citizen of United States, residing at 1471 Greenwood Terrace, Berkeley, California 94708 (hereinafter "ASSIGNORS"), have invented a new and useful invention in

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PATENT REEL: 010217 FRAME: 0883 Said ASSIGNORS hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF we undersign as follows;

South San Francisco	
_	Avi J. Ashkenazi
Dated:	
South San Francisco Dated: 8/5/99	Phillip W. Berman
South San Francisco	David Brousseau
Dated:	
South San Francisco	Tina Etcheverry
Dated:	