

# **RECORDATION FORM COVER SHEET** **PATENTS ONLY**

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

Any Dkt No. P5104R1

Commissioner for Patents: Please record the attached original documents or copy thereof.

**1. Name of conveying party(ies):**

Heidi Jenii Ackerly Wallweber Chingwei V. Lee  
 Avi Ashkenazi Scot A. Marsters  
 David Eberhard Helga A. Raab  
 Gretchen Frantz Evgeny Varfolomeev  
 Dorothy French Beni B. Wolf  
 Germaine G. Fuh Robert Maurice Pitti  
 Jo-Anne S. Hongo Liliana Soroceanu

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No**2. Name and address of receiving party(ies):**Name: GENENTECH, INC.

Internal Address:

Street Address: 1 DNA WayCity: South San Francisco State: CaliforniaZIP: 94080-4990Additional name(s) & address(es) attached? ☐ Yes ☒ No**3. Nature of conveyance:**☒ Assignment

Merger

Security Agreement

Change of Name

Other:

Execution Date: 9/8/06; 9/5/06; 8/31/06; 9/1/06; 9/4/06;9/6/06; 9/19/2006**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)

B. Patent No.(s)

10/553,491Additional numbers attached? ☐ Yes ☒ No**5. Name and address of party to whom correspondence concerning document should be mailed:**

Elinor K. Shin  
 GENENTECH, INC.  
 1 DNA Way  
 South San Francisco, CA 94080

**6. Total number of applications and patents involved: 1****7. Total fee (37 CFR 3.41): \$ 40.00**☐ Enclosed☒ Authorized to be charged to deposit account**8. Deposit account number:**07-0630

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

Elinor K. Shin  
 Name of Person Signing  
 Registration No. 43,117

  
 Signature

September 26, 2006  
 Date

Total number of pages comprising cover sheet, attachments and document: 17

Revised (10/1/95)

CH \$40.00 070630 10553491

Docket No. P5104R1 PCT

**ASSIGNMENT**

WHEREAS, Heidi Jenii Ackerly Wallweber, formerly known as Heidi Ackerly, a citizen of USA, residing at 2602 Read Avenue, Belmont, CA 94002, and Avi Ashkenazi, a citizen of USA, residing at 1456 Tarrytown Street, San Mateo, CA 94402, and David Eberhard, a citizen of USA, residing at 360 Guerrero Street #212, San Francisco, CA 94103, and Gretchen Frantz, a citizen of USA, residing at 2819 Buchanan Street, San Francisco, CA 94123, and Dorothy French, a citizen of USA, residing at 23 Michael Court, San Carlos, CA 94070, and Germaine G. Fuh, a citizen of USA, residing at 149 Amapola Avenue, Pacifica, CA 94044, and Jo-Anne S. Hongo, a citizen of USA, residing at 31 Shaw Court, Redwood City, CA 94061, and Chingwei V. Lee, a citizen of Taiwan (Republic of China), residing at 840 Sea Spray Lane #112, Foster City, CA 94404, and Scot A. Marsters, a citizen of USA, residing at 990 Cherry Street, San Carlos, CA 94070, and Helga A. Raab, a citizen of Germany, residing at 715 Shields, San Francisco, CA 94132, Evgeny Varfolomeef, a citizen of Russia, residing at 7102 Shelter Creek Lane, San Bruno, CA 94066, and Beni B. Wolf, a citizen of USA, residing at 607 Seasons Lane, Redwood City, CA 94065, and Robert Maurice Pitti, a citizen of USA, residing at 1110 Liberty Street, El Cerrito, CA 94530, and Liliana Soroceanu, a citizen of Romania, 3042 Sacramento Street, Apt. 6, San Francisco, CA 94115, (hereinafter "ASSIGNORS"), have invented a new and useful invention in

**COMPOSITIONS AND METHODS RELATING TO STOP-1**

for which an International Application Serial No. PCT/US2004/011793 (Docket No. P5104R1 PCT), filed April 16, 2004 which has been filed and claims benefit from United States Provisional Application No. 60/463,656, filed April 16, 2003; 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.

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, California

Dated: 9/8/06

  
Heidi Jeni Ackerly Wallweber

South San Francisco, California

Dated: \_\_\_\_\_

\_\_\_\_\_  
Avi Ashkenazi

South San Francisco, California

Dated: \_\_\_\_\_

\_\_\_\_\_  
David Eberhard

South San Francisco, California

Dated: \_\_\_\_\_

\_\_\_\_\_  
Gretchen Frantz

South San Francisco, California

Dated: \_\_\_\_\_

\_\_\_\_\_  
Dorothy French

South San Francisco, California

Dated: \_\_\_\_\_

\_\_\_\_\_  
Germaine G. Fuh

South San Francisco, California

Dated: \_\_\_\_\_

\_\_\_\_\_  
Jo-Anne S. Hongo

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.

IN WITNESS WHEREOF we undersign as follows;

South San Francisco, California

\_\_\_\_\_  
Heidi Jenni Ackerly Wallweber

Dated: \_\_\_\_\_

South San Francisco, California

\_\_\_\_\_  
Avi Ashkenazi

Dated: 9/5/06

South San Francisco, California

\_\_\_\_\_  
David Eberhard

Dated: \_\_\_\_\_

South San Francisco, California

\_\_\_\_\_  
Gretchen Frantz

Dated: \_\_\_\_\_

South San Francisco, California

\_\_\_\_\_  
Dorothy French

Dated: \_\_\_\_\_

South San Francisco, California

\_\_\_\_\_  
Germaine G. Fuh

Dated: \_\_\_\_\_

South San Francisco, California

\_\_\_\_\_  
Jo-Anne S. Hongo

Dated: \_\_\_\_\_

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.

IN WITNESS WHEREOF we undersign as follows:

South San Francisco, California

\_\_\_\_\_  
Heidi Jenii Ackerly Wallweber

Dated: \_\_\_\_\_

South San Francisco, California

\_\_\_\_\_  
Avi Ashkenazi

Dated: \_\_\_\_\_

South San Francisco, California

\_\_\_\_\_  
David Eberhard  
David Eberhard

Dated: 08/31/06

South San Francisco, California

\_\_\_\_\_  
Gretchen Frantz

Dated: \_\_\_\_\_

South San Francisco, California

\_\_\_\_\_  
Dorothy French

Dated: \_\_\_\_\_

South San Francisco, California

\_\_\_\_\_  
Germaine G. Fuh

Dated: \_\_\_\_\_

South San Francisco, California

\_\_\_\_\_  
Jo-Anne S. Hongo

Dated: \_\_\_\_\_

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.

IN WITNESS WHEREOF we undersign as follows;

South San Francisco, California

\_\_\_\_\_  
Heidi Jenii Ackerly Wallweber

Dated: \_\_\_\_\_

South San Francisco, California

\_\_\_\_\_  
Avi Ashkenazi

Dated: \_\_\_\_\_

South San Francisco, California

\_\_\_\_\_  
David Eberhard

Dated: \_\_\_\_\_

South San Francisco, California

\_\_\_\_\_  
Gretchen Frantz

Dated: 9/1/06

South San Francisco, California

\_\_\_\_\_  
Dorothy French

Dated: \_\_\_\_\_

South San Francisco, California

\_\_\_\_\_  
Germaine G. Fuh

Dated: \_\_\_\_\_

South San Francisco, California

\_\_\_\_\_  
Jo-Anne S. Hongo

Dated: \_\_\_\_\_

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.

IN WITNESS WHEREOF we undersign as follows:

South San Francisco, California

\_\_\_\_\_  
Heidi Jenni Ackerly Wallweper

Dated: \_\_\_\_\_

South San Francisco, California

\_\_\_\_\_  
Avi Ashkenazi

Dated: \_\_\_\_\_

South San Francisco, California

\_\_\_\_\_  
David Eberhard

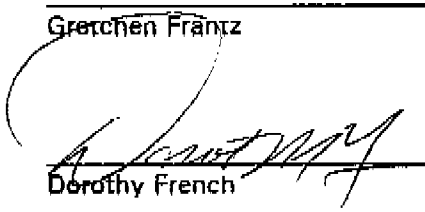
Dated: \_\_\_\_\_

South San Francisco, California

\_\_\_\_\_  
Gretchen Frantz

Dated: \_\_\_\_\_

South San Francisco, California

  
\_\_\_\_\_  
Dorothy French

Dated: 9/1/06

South San Francisco, California

\_\_\_\_\_  
Germaine G. Fuh

Dated: \_\_\_\_\_

South San Francisco, California

\_\_\_\_\_  
Jo-Anne S. Hongo

Dated: \_\_\_\_\_

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.

IN WITNESS WHEREOF we undersign as follows;

South San Francisco, California

\_\_\_\_\_  
Heidi Jenii Ackerly Wallweber

Dated: \_\_\_\_\_

South San Francisco, California

\_\_\_\_\_  
Avi Ashkenazi

Dated: \_\_\_\_\_

South San Francisco, California

\_\_\_\_\_  
David Eberhard

Dated: \_\_\_\_\_

South San Francisco, California

\_\_\_\_\_  
Gretchen Frantz

Dated: \_\_\_\_\_

South San Francisco, California

\_\_\_\_\_  
Dorothy French

Dated: \_\_\_\_\_

South San Francisco, California

  
\_\_\_\_\_  
Germaine G. Fuh

Dated: 9/5/06

South San Francisco, California

\_\_\_\_\_  
Jo-Anne S. Hongo

Dated: \_\_\_\_\_



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.

IN WITNESS WHEREOF we undersign as follows:

South San Francisco, California

\_\_\_\_\_  
Heidi Jenii Ackerly Wallweber

Dated: \_\_\_\_\_

South San Francisco, California

\_\_\_\_\_  
Avi Ashkenazi

Dated: \_\_\_\_\_

South San Francisco, California

\_\_\_\_\_  
David Eberhard

Dated: \_\_\_\_\_

South San Francisco, California

\_\_\_\_\_  
Gretchen Frantz

Dated: \_\_\_\_\_

South San Francisco, California

\_\_\_\_\_  
Dorothy French

Dated: \_\_\_\_\_

South San Francisco, California

\_\_\_\_\_  
Germaine G. Fuh

Dated: \_\_\_\_\_


South San Francisco, California

  
Jo-Anne S. Hongo

Dated: 9/4/06

South San Francisco, California

Dated: 9/5/06

  
Chingwei V. Lee

South San Francisco, California

Dated: \_\_\_\_\_

\_\_\_\_\_  
Scot A. Marsters

South San Francisco, California

Dated: \_\_\_\_\_

\_\_\_\_\_  
Helga E. Raab

South San Francisco, California

Dated: \_\_\_\_\_

\_\_\_\_\_  
Evgeny Varfolomeev

South San Francisco, California

Dated: \_\_\_\_\_

\_\_\_\_\_  
Beni B. Wolf

South San Francisco, California

Dated: \_\_\_\_\_

\_\_\_\_\_  
Robert Maurice Pitti

South San Francisco, California

Dated: \_\_\_\_\_

\_\_\_\_\_  
Liliana Soroceanu

South San Francisco, California

Dated: \_\_\_\_\_

\_\_\_\_\_  
Chingwei V. Lee

South San Francisco, California

Dated: 8/31/06

\_\_\_\_\_  
*Scot Marsters*  
Scot A. Marsters

South San Francisco, California

Dated: \_\_\_\_\_

\_\_\_\_\_  
Helga E. Raab

South San Francisco, California

Dated: \_\_\_\_\_

\_\_\_\_\_  
Evgeny Varfolomeev

South San Francisco, California

Dated: \_\_\_\_\_

\_\_\_\_\_  
Beni B. Wolf

South San Francisco, California

Dated: \_\_\_\_\_

\_\_\_\_\_  
Robert Maurice Pitti

South San Francisco, California

Dated: \_\_\_\_\_

\_\_\_\_\_  
Liliana Soroceanu

South San Francisco, California

Dated: \_\_\_\_\_

\_\_\_\_\_  
Chingwei V. Lee

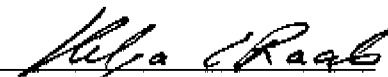
South San Francisco, California

Dated: \_\_\_\_\_

\_\_\_\_\_  
Scot A. Marsters

South San Francisco, California

Dated: 9-6-06

  
\_\_\_\_\_  
Helga E. Raab

South San Francisco, California

Dated: \_\_\_\_\_

\_\_\_\_\_  
Evgeny Varfolomeev

South San Francisco, California

Dated: \_\_\_\_\_

\_\_\_\_\_  
Beni B. Wolf

South San Francisco, California

Dated: \_\_\_\_\_

\_\_\_\_\_  
Robert Maurice Pitti

South San Francisco, California

Dated: \_\_\_\_\_

\_\_\_\_\_  
Liliana Soroceanu

South San Francisco, California

Dated: \_\_\_\_\_

\_\_\_\_\_  
Chingwei V. Lee

South San Francisco, California

Dated: \_\_\_\_\_

\_\_\_\_\_  
Scot A. Marsters

South San Francisco, California

Dated: \_\_\_\_\_

\_\_\_\_\_  
Helga E. Raab

South San Francisco, California

Dated: 09/05/2006

  
\_\_\_\_\_  
Evgeny Varfolomeev

South San Francisco, California

Dated: \_\_\_\_\_

\_\_\_\_\_  
Beni B. Wolf

South San Francisco, California

Dated: \_\_\_\_\_

\_\_\_\_\_  
Robert Maurice Pitti

South San Francisco, California

Dated: \_\_\_\_\_

\_\_\_\_\_  
Liliana Soroceanu

South San Francisco, California

Dated: \_\_\_\_\_

\_\_\_\_\_  
Chingwei V. Lee

South San Francisco, California

Dated: \_\_\_\_\_

\_\_\_\_\_  
Scot A. Marsters

South San Francisco, California

Dated: \_\_\_\_\_

\_\_\_\_\_  
Helga E. Raab

South San Francisco, California

Dated: \_\_\_\_\_

\_\_\_\_\_  
Evgeny Vartolomeev

South San Francisco, California

Dated: 9/1/06

  
\_\_\_\_\_  
Beni B. Wolf

South San Francisco, California

Dated: \_\_\_\_\_

\_\_\_\_\_  
Robert Maurice Pitti

South San Francisco, California

Dated: \_\_\_\_\_

\_\_\_\_\_  
Liliana Soroceanu

South San Francisco, California

Dated: \_\_\_\_\_

\_\_\_\_\_  
Chingwei V. Lee

South San Francisco, California

Dated: \_\_\_\_\_

\_\_\_\_\_  
Scot A. Marsters

South San Francisco, California

Dated: \_\_\_\_\_

\_\_\_\_\_  
Helga E. Raab

South San Francisco, California

Dated: \_\_\_\_\_

\_\_\_\_\_  
Evgeny Varfolomeev

South San Francisco, California

Dated: \_\_\_\_\_

\_\_\_\_\_  
Beni B. Wolf

South San Francisco, California

Dated: 9/1/2006



Robert Maurice Pitti

South San Francisco, California

Dated: \_\_\_\_\_

\_\_\_\_\_  
Liliana Soroceanu

South San Francisco, California

Dated: \_\_\_\_\_

\_\_\_\_\_  
Chingwei V. Lee

South San Francisco, California

Dated: \_\_\_\_\_

\_\_\_\_\_  
Scot A. Marsters

South San Francisco, California

Dated: \_\_\_\_\_

\_\_\_\_\_  
Helga E. Raab

South San Francisco, California

Dated: \_\_\_\_\_

\_\_\_\_\_  
Evgeny Varfolomeev

South San Francisco, California

Dated: \_\_\_\_\_

\_\_\_\_\_  
Beni B. Wolf

South San Francisco, California

Dated: \_\_\_\_\_

\_\_\_\_\_  
Robert Maurice Pitti

South San Francisco, California

Dated: 09/19/2006

  
\_\_\_\_\_  
Liliana Soroceanu