

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Mark Dennis</td> <td>01/08/2013</td> </tr> <tr> <td>Jan Marik</td> <td>01/15/2013</td> </tr> <tr> <td>Paul Polakis</td> <td>01/08/2013</td> </tr> <tr> <td>Bonnee Rubinfeld</td> <td>04/25/2013</td> </tr> <tr> <td>Simon Williams</td> <td>01/09/2013</td> </tr> </tbody> </table>		Name	Execution Date	Mark Dennis	01/08/2013	Jan Marik	01/15/2013	Paul Polakis	01/08/2013	Bonnee Rubinfeld	04/25/2013	Simon Williams	01/09/2013
Name	Execution Date												
Mark Dennis	01/08/2013												
Jan Marik	01/15/2013												
Paul Polakis	01/08/2013												
Bonnee Rubinfeld	04/25/2013												
Simon Williams	01/09/2013												
RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>Genentech, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>1 DNA Way</td> </tr> <tr> <td>City:</td> <td>South San Francisco</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>94080</td> </tr> </table>		Name:	Genentech, Inc.	Street Address:	1 DNA Way	City:	South San Francisco	State/Country:	CALIFORNIA	Postal Code:	94080		
Name:	Genentech, Inc.												
Street Address:	1 DNA Way												
City:	South San Francisco												
State/Country:	CALIFORNIA												
Postal Code:	94080												
PROPERTY NUMBERS Total: 1													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13692888</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13692888								
Property Type	Number												
Application Number:	13692888												
CORRESPONDENCE DATA													
<p>Fax Number: 6509529881  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 650-467-5925        Email: pgolden@gene.com        Correspondent Name: Stephanie Yonker        Address Line 1: 1 DNA Way        Address Line 2: MS-49        Address Line 4: South San Francisco, CALIFORNIA 94080</p>													
ATTORNEY DOCKET NUMBER:	P4460R1												
NAME OF SUBMITTER:	Stephanie Yonker												

CH \$40.00 13692888

Signature:	/Stephanie Yonker/
Date:	05/01/2013
<p>Total Attachments: 10</p> <p>source=P4460R1US_Assignment_l#page1.tif</p> <p>source=P4460R1US_Assignment_l#page2.tif</p> <p>source=P4460R1US_Assignment_l#page3.tif</p> <p>source=P4460R1US_Assignment_l#page4.tif</p> <p>source=P4460R1US_Assignment_l#page5.tif</p> <p>source=P4460R1US_Assignment_l#page6.tif</p> <p>source=P4460R1US_Assignment_l#page7.tif</p> <p>source=P4460R1US_Assignment_l#page8.tif</p> <p>source=P4460R1US_Assignment_l#page9.tif</p> <p>source=P4460R1US_Assignment_l#page10.tif</p>	

**ASSIGNMENT**

WHEREAS, Mark Dennis, Jan Marik, Paul Polakis, Bonnee Rubinfeld and Simon Williams (each an "ASSIGNOR"), have invented a new and useful invention in

**IMMUNO-PET IMAGING OF ANTIBODIES AND IMMUNOCONJUGATES AND USES THEREFOR**

for which an application Serial No. 13/692,888 (Docket No. P4460R1) for Letters Patent has been filed by them on December 3, 2012; 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;

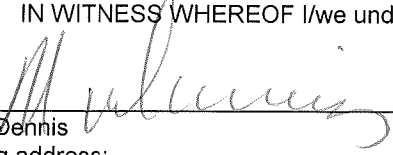
That for good and valuable consideration the receipt of which is hereby acknowledged, the undersigned ASSIGNOR(S) have and do hereby sell, assign, transfer and set over unto the said GENENTECH, INC., its successors and assigns, the full and exclusive right, title and interest, including all rights under the Paris Convention for the Protection of Industrial Property, in and to said invention, and in and to any and all applications filed and Letters Patents 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.

The undersigned ASSIGNOR(S) 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 the undersigned ASSIGNOR(S) 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 the undersigned ASSIGNOR(S) 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 the undersigned ASSIGNOR(S), their respective heirs, legal representatives and assigns.

The undersigned ASSIGNOR(S) 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 I/we undersign as follows;

  
\_\_\_\_\_  
Mark Dennis

1/8/13  
\_\_\_\_\_  
Date

Mailing address:

1 DNA Way

South San Francisco, CA 94080

Citizenship: US

\_\_\_\_\_  
Jan Marik

\_\_\_\_\_  
Date

Mailing address:

1 DNA Way

South San Francisco, CA 94080

Citizenship: Czech Republic

\_\_\_\_\_  
Paul Polakis

\_\_\_\_\_  
Date

Mailing address:

1 DNA Way

South San Francisco, CA 94080

Citizenship: US

\_\_\_\_\_  
Bonnee Rubinfeld

\_\_\_\_\_  
Date

Mailing address:

1 DNA Way

South San Francisco, CA 94080

Citizenship: US

\_\_\_\_\_  
Simon Williams

\_\_\_\_\_  
Date

Mailing address:

1 DNA Way

South San Francisco, CA 94080

Citizenship: UK

**ASSIGNMENT**

WHEREAS, Mark Dennis, Jan Marik, Paul Polakis, Bonnee Rubinfeld and Simon Williams (each an "ASSIGNOR"), have invented a new and useful invention in

**IMMUNO-PET IMAGING OF ANTIBODIES AND IMMUNOCONJUGATES AND USES THEREFOR**

for which an application Serial No. 13/692,888 (Docket No. P4460R1) for Letters Patent has been filed by them on December 3, 2012; 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 undersigned ASSIGNOR(S) 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 applications filed and Letters Patents 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.

The undersigned ASSIGNOR(S) 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 the undersigned ASSIGNOR(S) 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 the undersigned ASSIGNOR(S) 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 the undersigned ASSIGNOR(S), their respective heirs, legal representatives and assigns.

The undersigned ASSIGNOR(S) 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 I/we undersign as follows;

Mark Dennis

Date

Mailing address:

1 DNA Way

South San Francisco, CA 94080

Citizenship: US



1/15/2013

Jan Marik

Date

Mailing address:

1 DNA Way

South San Francisco, CA 94080

Citizenship: Czech Republic

Paul Polakis

Date

Mailing address:

1 DNA Way

South San Francisco, CA 94080

Citizenship: US

Bonnee Rubinfeld

Date

Mailing address:

1 DNA Way

South San Francisco, CA 94080

Citizenship: US

Simon Williams

Date

Mailing address:

1 DNA Way

South San Francisco, CA 94080

Citizenship: UK

**ASSIGNMENT**

WHEREAS, Mark Dennis, Jan Marik, Paul Polakis, Bonnee Rubinfeld and Simon Williams (each an "ASSIGNOR"), have invented a new and useful invention in

**IMMUNO-PET IMAGING OF ANTIBODIES AND IMMUNOCONJUGATES AND USES THEREFOR**

for which an application Serial No. 13/692,888 (Docket No. P4460R1) for Letters Patent has been filed by them on December 3, 2012; 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 undersigned ASSIGNOR(S) 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 applications filed and Letters Patents 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.

The undersigned ASSIGNOR(S) 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 the undersigned ASSIGNOR(S) 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 the undersigned ASSIGNOR(S) 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 the undersigned ASSIGNOR(S), their respective heirs, legal representatives and assigns.

The undersigned ASSIGNOR(S) hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

#435796

IN WITNESS WHEREOF I/we undersign as follows;

\_\_\_\_\_  
Mark Dennis  
Mailing address:  
1 DNA Way  
South San Francisco, CA 94080  
Citizenship: US

\_\_\_\_\_  
Date

\_\_\_\_\_  
Jan Marik  
Mailing address:  
1 DNA Way  
South San Francisco, CA 94080  
Citizenship: Czech Republic

\_\_\_\_\_  
Date

\_\_\_\_\_  
Paul Polakis  
Mailing address:  
1 DNA Way  
South San Francisco, CA 94080  
Citizenship: US

\_\_\_\_\_  
Date

*Paul Polakis*

*1-8-13*

\_\_\_\_\_  
Bonnee Rubinfeld  
Mailing address:  
1 DNA Way  
South San Francisco, CA 94080  
Citizenship: US

\_\_\_\_\_  
Date

\_\_\_\_\_  
Simon Williams  
Mailing address:  
1 DNA Way  
South San Francisco, CA 94080  
Citizenship: UK

\_\_\_\_\_  
Date



## ASSIGNMENT

WHEREAS, Mark Dennis, Jan Marik, Paul Polakis, Bonnee Rubinfeld and Simon Williams (each an "ASSIGNOR"), have invented a new and useful invention in

### IMMUNO-PET IMAGING OF ANTIBODIES AND IMMUNOCONJUGATES AND USES THEREFOR

for which an application Serial No. 13/692,888 (Docket No. P4460R1) for Letters Patent has been filed by them on December 3, 2012; 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 undersigned ASSIGNOR(S) 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 applications filed and Letters Patents 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.

The undersigned ASSIGNOR(S) 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 the undersigned ASSIGNOR(S) 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 the undersigned ASSIGNOR(S) 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 the undersigned ASSIGNOR(S), their respective heirs, legal representatives and assigns.

The undersigned ASSIGNOR(S) 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 I/we undersign as follows;

Mark Dennis

Date

Mailing address:

1 DNA Way

South San Francisco, CA 94080

Citizenship: US

Jan Marik

Date

Mailing address:

1 DNA Way

South San Francisco, CA 94080

Citizenship: Czech Republic

Paul Polakis

Date

Mailing address:

1 DNA Way

South San Francisco, CA 94080

Citizenship: US

*Bonnee Rubinfeld*

*4/25/13*

Bonnee Rubinfeld

Date

Mailing address:

1 DNA Way

South San Francisco, CA 94080

Citizenship: US

Simon Williams

Date

Mailing address:

1 DNA Way

South San Francisco, CA 94080

Citizenship: UK

**ASSIGNMENT**

WHEREAS, Mark Dennis, Jan Marik, Paul Polakis, Bonnee Rubinfeld and Simon Williams (each an "ASSIGNOR"), have invented a new and useful invention in

**IMMUNO-PET IMAGING OF ANTIBODIES AND IMMUNOCONJUGATES AND USES THEREFOR**

for which an application Serial No. 13/692,888 (Docket No. P4460R1) for Letters Patent has been filed by them on December 3, 2012; 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 undersigned ASSIGNOR(S) 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 applications filed and Letters Patents 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.

The undersigned ASSIGNOR(S) 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 the undersigned ASSIGNOR(S) 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 the undersigned ASSIGNOR(S) 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 the undersigned ASSIGNOR(S), their respective heirs, legal representatives and assigns.

The undersigned ASSIGNOR(S) 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 I/we undersign as follows;

---

Mark Dennis  
Mailing address:  
1 DNA Way  
South San Francisco, CA 94080  
Citizenship: US

Date

---

Jan Marik  
Mailing address:  
1 DNA Way  
South San Francisco, CA 94080  
Citizenship: Czech Republic

Date

---

Paul Polakis  
Mailing address:  
1 DNA Way  
South San Francisco, CA 94080  
Citizenship: US


Date

---

Bonnee Rubinfeld  
Mailing address:  
1 DNA Way  
South San Francisco, CA 94080  
Citizenship: US

Date

---

 9 JANUARY 2013  
Simon Williams  
Mailing address:  
1 DNA Way  
South San Francisco, CA 94080  
Citizenship: UK + US

Date