

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT | | | | | | | | | | | | | | | | | | |
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| NATURE OF CONVEYANCE: | ASSIGNMENT | | | | | | | | | | | | | | | | | | |
| CONVEYING PARTY DATA | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Birgit Bossenmaier</td> <td>03/22/2012</td> </tr> <tr> <td>Hubert Kettenberger</td> <td>03/22/2012</td> </tr> <tr> <td>Joerg Thomas Regula</td> <td>03/22/2012</td> </tr> <tr> <td>Wolfgang Schaefer</td> <td>03/22/2012</td> </tr> <tr> <td>Manfred Schwaiger</td> <td>03/22/2012</td> </tr> <tr> <td>Claudio Sustmann</td> <td>03/22/2012</td> </tr> <tr> <td>Christian Klein</td> <td>03/26/2012</td> </tr> <tr> <td>Klause- Peter Kuenkele</td> <td>03/22/2012</td> </tr> </tbody> </table> | | Name | Execution Date | Birgit Bossenmaier | 03/22/2012 | Hubert Kettenberger | 03/22/2012 | Joerg Thomas Regula | 03/22/2012 | Wolfgang Schaefer | 03/22/2012 | Manfred Schwaiger | 03/22/2012 | Claudio Sustmann | 03/22/2012 | Christian Klein | 03/26/2012 | Klause- Peter Kuenkele | 03/22/2012 |
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| Birgit Bossenmaier | 03/22/2012 | | | | | | | | | | | | | | | | | | |
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| Manfred Schwaiger | 03/22/2012 | | | | | | | | | | | | | | | | | | |
| Claudio Sustmann | 03/22/2012 | | | | | | | | | | | | | | | | | | |
| Christian Klein | 03/26/2012 | | | | | | | | | | | | | | | | | | |
| Klause- Peter Kuenkele | 03/22/2012 | | | | | | | | | | | | | | | | | | |
| RECEIVING PARTY DATA | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <tr> <td>Name:</td> <td>F. Hoffmann-La Roche AG</td> </tr> <tr> <td>Street Address:</td> <td>Grenzacherstrasse 124</td> </tr> <tr> <td>City:</td> <td>Basel</td> </tr> <tr> <td>State/Country:</td> <td>SWITZERLAND</td> </tr> <tr> <td>Postal Code:</td> <td>4070</td> </tr> </table> | | Name: | F. Hoffmann-La Roche AG | Street Address: | Grenzacherstrasse 124 | City: | Basel | State/Country: | SWITZERLAND | Postal Code: | 4070 | | | | | | | | |
| Name: | F. Hoffmann-La Roche AG | | | | | | | | | | | | | | | | | | |
| Street Address: | Grenzacherstrasse 124 | | | | | | | | | | | | | | | | | | |
| City: | Basel | | | | | | | | | | | | | | | | | | |
| State/Country: | SWITZERLAND | | | | | | | | | | | | | | | | | | |
| Postal Code: | 4070 | | | | | | | | | | | | | | | | | | |
| 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>13406411</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 13406411 | | | | | | | | | | | | | | |
| Property Type | Number | | | | | | | | | | | | | | | | | | |
| Application Number: | 13406411 | | | | | | | | | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | | | | | | | | | |
| Fax Number: | (650)952-9881 | | | | | | | | | | | | | | | | | | |
| Phone: | (650)225-3536 | | | | | | | | | | | | | | | | | | |
| Email: | esthere@gene.com | | | | | | | | | | | | | | | | | | |
| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i> | | | | | | | | | | | | | | | | | | | |
| Correspondent Name: | Elinor K. Shin | | | | | | | | | | | | | | | | | | |
| Address Line 1: | Genentech, Inc. | | | | | | | | | | | | | | | | | | |
| Address Line 2: | 1 DNA Way | | | | | | | | | | | | | | | | | | |
| Address Line 4: | South San Francisco, CALIFORNIA 94080 | | | | | | | | | | | | | | | | | | |

PATENT

| | |
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| ATTORNEY DOCKET NUMBER: | P4640 |
| NAME OF SUBMITTER: | Elinor K. Shin, Reg. No. 43,117 |
| <p>Total Attachments: 5 source=P4640 Assignment I#page1.tif source=P4640 Assignment I#page2.tif source=P4640 Assignment I#page3.tif source=P4640 Assignment I#page4.tif source=P4640 Assignment I#page5.tif</p> | |

Assignment

WHEREAS, I/WE,

Birgit Bossenmaier, Hubert Kettenberger, Christian Klein, Klaus-Peter Kuenkele, Joerg
Thomas Regula, Wolfgang Schaefer, Manfred Schwaiger, Claudio Sustmann

the ASSIGNOR(S), have invented certain new and useful improvements in
ANTIGEN BINDING PROTEINS

which are described and claimed in application for United States Letters which application is
based upon the following foreign application(s)

in Europe on February 28, 2011 under No. 11156320.1

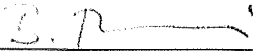
NOW, THEREFOR, for and in consideration of the sum of One Dollar (\$1.00) and other good
and valuable considerations to me (us) in hand paid, the receipt and sufficiency whereof are
hereby acknowledged, I/we have sold, assigned and set over, and by these presents do hereby
sell, assign and set over unto

F. HOFFMANN-LA ROCHE AG, a Swiss Company
of 124 Grenzacherstrasse, CH-4070 Basle (Switzerland) the Assignee

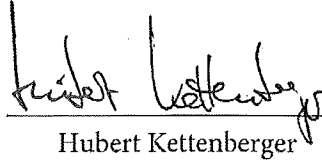
and the said Assignee's legal representatives, successors and assigns, the entire right, title and
interest, in and to the said invention within the United States of America and its territories
and possessions, and in and to said application and the Letters Patent of the United States of
America that may be granted therefor, together with the right to extend the protection thereof
to the various territories and possessions now owned or which may be acquired hereafter by
the United States of America; and I/we do hereby request and authorize the Commissioner of
Patents to issue said Letters Patent to the above-mentioned Assignee agreeably with the terms
of this assignment.

UPON SAID CONSIDERATION, I/we do hereby covenant and agree with the said Assignee
that I/we will not execute any writing or do any act whatsoever conflicting with these presents,
and that I/we will at any time upon request without further or additional consideration, but at
the expense of the said Assignee, execute such additional assignments and other writings and
do such additional acts as said Assignee may deem necessary or desirable to perfect the
Assignee's enjoyment of this grant, and render all necessary assistance in making application
for and obtaining original, divisional, reissued, or extended Letters Patent of the United States
of America on said invention, and in enforcing any rights or choses in action accruing as a
result of such applications or patents, including but not limited to, giving testimony in any
proceedings or transactions involving such applications or patents, and executing preliminary
statements and other affidavits, it being understood that the foregoing covenant and
agreement shall bind and inure to the benefit of the assigns and legal representatives of all
parties hereto.

IN WITNESS WHEREOF, this Assignment has been executed by the Assignor(s) indicated below at Penzberg, Germany, on March 22, 2012



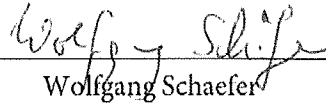
Birgit Bossenmaier



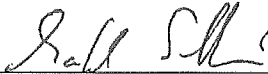
Hubert Kettenberger



Joerg Thomas Regula



Wolfgang Schaefer



Manfred Schwaiger



Claudio Sustmann

U.S.A

Atty. Dkt. No. P4640

Case 27361 US

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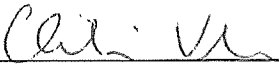
F. HOFFMANN-LA ROCHE AG, a Swiss Company
of 124 Grenzacherstrasse, CH-4070 Basle (Switzerland) the Assignee

and the said Assignee's legal representatives, successors and assigns, the entire right, title and
interest, in and to the said invention within the United States of America and its territories
and possessions, and in and to said application and the Letters Patent of the United States of
America that may be granted therefor, together with the right to extend the protection thereof
to the various territories and possessions now owned or which may be acquired hereafter by
the United States of America; and I/we do hereby request and authorize the Commissioner of
Patents to issue said Letters Patent to the above-mentioned Assignee agreeably with the terms
of this assignment.

UPON SAID CONSIDERATION, I/we do hereby covenant and agree with the said Assignee
that I/we will not execute any writing or do any act whatsoever conflicting with these presents,
and that I/we will at any time upon request without further or additional consideration, but at
the expense of the said Assignee, execute such additional assignments and other writings and
do such additional acts as said Assignee may deem necessary or desirable to perfect the
Assignee's enjoyment of this grant, and render all necessary assistance in making application
for and obtaining original, divisional, reissued, or extended Letters Patent of the United States
of America on said invention, and in enforcing any rights or choses in action accruing as a
result of such applications or patents, including but not limited to, giving testimony in any
proceedings or transactions involving such applications or patents, and executing preliminary
statements and other affidavits, it being understood that the foregoing covenant and
agreement shall bind and inure to the benefit of the assigns and legal representatives of all
parties hereto.

Atty. Dkt. No. P4640

IN WITNESS WHEREOF, this Assignment has been executed by the Assignor(s) indicated
below at Schlieren, Switzerland, on 03/26/2012



Christian Klein

Assignment

WHEREAS, I/WE,

Birgit Bossenmaier, Hubert Kettenberger, Christian Klein, Klaus-Peter Kuenkele, Joerg Thomas Regula, Wolfgang Schaefer, Manfred Schwaiger, Claudio Sustmann

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of 124 Grenzacherstrasse, CH-4070 Basle (Switzerland) the Assignee

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IN WITNESS WHEREOF, this Assignment has been executed by the Assignor(s) indicated below at Wien, Austria, on *March 22, 2012*


Klaus-Peter Kuenkele

PATENT