

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Christoph HEUSSER	06/25/2009
Julia NEUGEBAUER	07/09/2009
Eveline SCHAADT	07/02/2009
Stefanie URLINGER	07/09/2009
Maximilian WOISETSCHLAEGER	07/15/2009
RECEIVING PARTY DATA	
Name:	Novartis AG
Street Address:	Lichtstrasse 35
City:	Basel
State/Country:	SWITZERLAND
Postal Code:	4056
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12503175
CORRESPONDENCE DATA	
Fax Number:	(617)871-3392
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Email:	nibr.maildata@novartis.com
Correspondent Name:	Katherine Kantorski
Address Line 1:	Novartis Institutes for BioMedical Resea
Address Line 2:	220 Massachusetts Avenue
Address Line 4:	Cambridge, MASSACHUSETTS 02139
ATTORNEY DOCKET NUMBER:	PAT052752-US-NP
NAME OF SUBMITTER:	Katherine Kantorski
Total Attachments: 13	

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PATENT
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Case 52752

1

ASSIGNMENT

For good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, we

Christoph HEUSSER	citizen of Switzerland	Novartis Pharma AG Postfach 4002 Basel CH
Julia NEUGEBAUER	citizen of Germany	Steinhauser Strasse 25B 81677 München DE
Eveline SCHAADT	citizen of Germany	Kolumbusstrasse 22 81543 München DE
Stefanie URLINGER	citizen of Germany	Asternstrasse 12 80689 München DE
Maximilian WOISETSCHLAEGER	citizen of Austria	Balthasar-Krauss-Gasse 44/3 2380 Perchtoldsdorf AT

do hereby sell, assign and transfer to **Novartis AG**, a company organized under the laws of the Swiss Confederation, of Lichtstrasse 35, 4056 Basel, Switzerland, and its successors, assigns and legal representatives, all our right, title and interest for all countries of the world (Novartis AG hereinafter referred to as the "**ASSIGNEE**") in and to (1) all of our inventions and discoveries described in the patent application(s) entitled

COMPOSITIONS AND METHODS OF USE FOR THERAPEUTIC ANTIBODIES

filed* in the RO/ _____ on _____, 20____, and accorded International Patent Application Number PCT _____, (2) said patent application(s), (3) all national stages of said International patent application, (4) all other patent applications in all countries and regions claiming the priority of the European Procedure, patent application filed on July 17, 2008 and accorded Application Number 08160671.7, and patent application filed on May 15, 2009 and accorded Application Number 09160326.6, (5) all continuations and divisions of all of said patent applications (including further continuations and divisions such as, but not limited to, continuations of continuations and continuations of divisions), ((2)-(5) hereinafter referred to collectively as "patent applications"), (6) all patents that are granted on any of said patent applications, (7) all registrations and confirmations of, and importation certificates based on, one or more of said patents and (8) all reissues, renewals and extensions of said patents, reexamination certificates issued for said patents and supplementary protection certificates based on said patents (including the right to file patent applications on said inventions and discoveries in the names of **ASSIGNEE**, their designees or in any or all of our names, at their election and in accordance with applicable law in all countries and regions and all rights of priority in all countries and regions for all of said patent applications under the International Convention for the Protection of Industrial Property, and all other applicable similar international agreements), the same to be held and enjoyed by said **ASSIGNEE**, their successors, assigns and legal representatives, to the full ends of the terms for which all patents therefor may be granted, as fully and entirely as the same would have been held and enjoyed by us if this sale, assignment and transfer had not been made.

*We hereby authorize **ASSIGNEE** and their representatives to insert in this instrument the Application Number and the filing date of said patent application when notified thereof.

And we hereby covenant and agree that we will, at any time, upon the request and at the expense of **ASSIGNEE**, execute and deliver all documents that may be necessary or desirable to perfect the title to the foregoing inventions and discoveries, patent applications, patents, registrations, confirmations, importation certificates, reissues, renewals, extensions, reexamination certificates and supplementary protection certificates in **ASSIGNEE**, their successors, assigns or other legal representatives, including the execution and procurement of all further documents evidencing this sale, assignment and transfer as may be necessary or desirable for recording the same in the patent office or other intellectual property office, agency or the like of any country or region, that we will, at any time, upon the request and at the expense of **ASSIGNEE**, execute all additional patent applications, applications for registration and/or confirmation of one or more of said patents, applications for certificates of importation based on one or more of said patents, applications for reissues, renewals and extensions of one or more of said patents and supplemental protection certificates based upon one or more of said patents, and that we will make all rightful oaths and declarations and do all lawful acts requisite for procuring the same or for aiding therein, without further compensation, but at the expense of **ASSIGNEE**, the successors, assigns or other legal representatives.

This Assignment is effective as from the earliest priority date as stated above.

Executed this 25 day of June, 2009.

Ch. Heusser L.S.
Christoph HEUSSER

Executed this _____ day of _____, 20_____.

Julia NEUGEBAUER L.S.

Executed this _____ day of _____, 20_____.

Eveline SCHAADT L.S.

Executed this _____ day of _____, 20_____.

Stefanie URLINGER L.S.

Executed this _____ day of _____, 20_____.

Maximilian WOISETSCHLAEGER L.S.

ACCEPTANCE OF ASSIGNMENT

With reference to the Assignment to **NOVARTIS AG** of an invention entitled "**COMPOSITIONS AND METHODS OF USE FOR THERAPEUTIC ANTIBODIES**" signed by **Christoph HEUSSER, Julia NEUGEBAUER, Eveline SCHAADT, Stefanie URLINGER and Maximilian WOISETSCHLAEGER**; this will certify that **NOVARTIS AG** accepts such Assignment.

NOVARTIS AG

By:

E. Rutschmann

Name :

Ella Rutschmann

Sabine Zeller

Function :

Authorized Signatory

Authorized Signatory

Date:

26.06.2009

ASSIGNMENT

For good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, we

Christoph HEUSSER	citizen of Switzerland	Novartis Pharma AG Postfach 4002 Basel CH
Julia NEUGEBAUER	citizen of Germany	Steinhauser Strasse 25B 81677 München DE
Eveline SCHAADT	citizen of Germany	Kolumbusstrasse 22 81543 München DE
Stefanie URLINGER	citizen of Germany	Asternstrasse 12 80689 München DE
Maximilian WOISETSCHLAEGER	citizen of Austria	Balthasar-Krauss-Gasse 44/3 2380 Perchtoldsdorf AT

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COMPOSITIONS AND METHODS OF USE FOR THERAPEUTIC ANTIBODIES

filed* in the RO/ _____ on _____, 20____, and accorded International Patent Application Number PCT _____, (2) said patent application(s), (3) all national stages of said international patent application, (4) all other patent applications in all countries and regions claiming the priority of the European Procedure, patent application filed on July 17, 2008 and accorded Application Number 08180671.7, and patent application filed on May 15, 2009 and accorded Application Number 09160326.6, (5) all continuations and divisions of all of said patent applications (including further continuations and divisions such as, but not limited to, continuations of continuations and continuations of divisions), ((2)-(5) hereinafter referred to collectively as "patent applications"), (6) all patents that are granted on any of said patent applications, (7) all registrations and confirmations of, and importation certificates based on, one or more of said patents and (8) all reissues, renewals and extensions of said patents, reexamination certificates issued for said patents and supplementary protection certificates based on said patents (including the right to file patent applications on said inventions and discoveries in the names of **ASSIGNEE**, their designees or in any or all of our names, at their election and in accordance with applicable law in all countries and regions and all rights of priority in all countries and regions for all of said patent applications under the International Convention for the Protection of Industrial Property, and all other applicable similar international agreements), the same to be held and enjoyed by said **ASSIGNEE**, their successors, assigns and legal representatives, to the full ends of the terms for which all patents therefor may be granted, as fully and entirely as the same would have been held and enjoyed by us if this sale, assignment and transfer had not been made.

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And we hereby covenant and agree that we will, at any time, upon the request and at the expense of **ASSIGNEE**, execute and deliver all documents that may be necessary or desirable to perfect the title to the foregoing inventions and discoveries, patent applications, patents, registrations, confirmations, importation certificates, reissues, renewals, extensions, reexamination certificates and supplementary protection certificates in **ASSIGNEE**, their successors, assigns or other legal representatives, including the execution and procurement of all further documents evidencing this sale, assignment and transfer as may be necessary or desirable for recording the same in the patent office or other intellectual property office, agency or the like of any country or region, that we will, at any time, upon the request and at the expense of **ASSIGNEE**, execute all additional patent applications, applications for registration and/or confirmation of one or more of said patents, applications for certificates of importation based on one or more of said patents, applications for reissues, renewals and extensions of one or more of said patents and supplemental protection certificates based upon one or more of said patents, and that we will make all rightful oaths and declarations and do all lawful acts requisite for procuring the same or for aiding therein, without further compensation, but at the expense of **ASSIGNEE**, the successors, assigns or other legal representatives.

This Assignment is effective as from the earliest priority date as stated above.


Executed this _____ day of _____, 20____.

Christoph HEUSSER L.S.

Executed this 9th day of July, 2009.


Julia NEUGEBAUER L.S.

Executed this 2nd day of July, 2009.


Eveline SCHAADT L.S.

Executed this 9th day of July, 20____.


Stefanie URLINGER L.S.

V 2352

Executed this _____ day of _____, 20____.

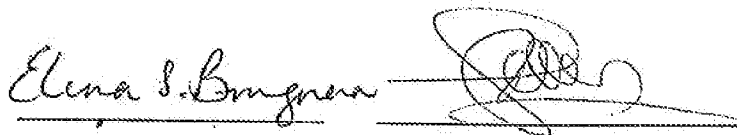
Maximilian WOISETSCHLAEGER L.S.

ACCEPTANCE OF ASSIGNMENT

With reference to the Assignment to NOVARTIS AG of an invention entitled "COMPOSITIONS AND METHODS OF USE FOR THERAPEUTIC ANTIBODIES" signed by Christoph HEUSSER, Julia NEUGEBAUER, Eveline SCHAADT, Stefanie URLINGER and Maximilian WOISETSCHLAEGER, this will certify that NOVARTIS AG accepts such Assignment.

NOVARTIS AG

By :



Name :

Elena S. Brugnera
~~Ella Rutschmann~~

Sabine Zeller

Function :

Authorized Signatory

Authorized Signatory

Date:

16 JULY 2009

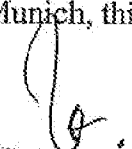
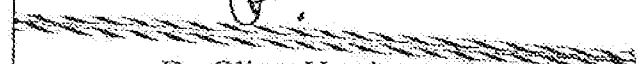
File No. V 2285/2009
V

I hereby certify that the above is the true signature subscribed in my presence of

Dr. Eveline SCHAADT,
born May 6, 1975,
of Kolumbusstrasse 22, 81543 Munich, Germany,
identified by German passport.

As stated, the notary, his partner and his deputy were not active on behalf of the
deponents off the limits of their professional duties.

Munich, this July 2, 2009



Dr. Oliver Vossius, notary

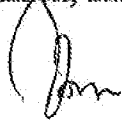
File No. V 2352 /2009
V

I hereby certify that the above are the true signatures subscribed in my presence
of

1. **Dr. Julia NEUGEBAUER,**
born April 9, 1978,
of Steinhauser Strasse 25b, D-81677 Munich, Germany,
identified by her German identity card.
2. **Dr. Stefanie URLINGER,**
born March 6, 1969,
of Astenstrasse 12, D-80689 Munich, Germany,
identified by German identity card.

As stated, the notary, his partner and his deputy were not active on behalf of the
deponents off the limits of their professional duties.

Munich, this July 9, 2009



Dr. Oliver Vossius, notary



ASSIGNMENT

For good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, we

Christoph HEUSSER	citizen of Switzerland	Novartis Pharma AG Postfach 4002 Basel CH
Julia NEUGEBAUER	citizen of Germany	Steinhauser Strasse 25B 81677 München DE
Eveline SCHAADT	citizen of Germany	Kolumbusstrasse 22 81543 München DE
Stefanie URLINGER	citizen of Germany	Asternstrasse 12 80689 München DE
Maximilian WOISETSCHLAEGER	citizen of Austria	Balthasar-Krauss-Gasse 44/3 2380 Perchtoldsdorf AT

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COMPOSITIONS AND METHODS OF USE FOR THERAPEUTIC ANTIBODIES

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This Assignment is effective as from the earliest priority date as stated above.

Executed this _____ day of _____, 20____.

L.S.
Christoph HEUSSER

Executed this _____ day of _____, 20____.

L.S.
Julia NEUGEBAUER

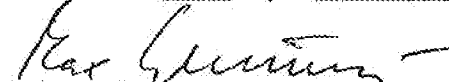
Executed this _____ day of _____, 20____.

L.S.
Eveline SCHAADT

Executed this _____ day of _____, 20____.

L.S.
Stefanie URLINGER

Executed this 15 day of JULY, 2008.



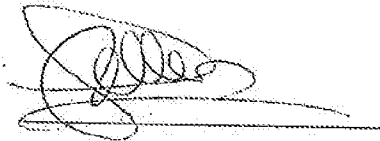
L.S.
Maximilian WOISETSCHLAEGE

ACCEPTANCE OF ASSIGNMENT

With reference to the Assignment to **NOVARTIS AG** of an invention entitled "**COMPOSITIONS AND METHODS OF USE FOR THERAPEUTIC ANTIBODIES**" signed by **Christoph HEUSSER, Julia NEUGEBAUER, Eveline SCHAADT, Stefanle URLINGER and Maximilian WOISETSCHLAEGER**; this will certify that **NOVARTIS AG** accepts such Assignment.

NOVARTIS AG

By :



Name :

Ella Rutschmann

Sabine Zeller

Function :

Authorized Signatory

Authorized Signatory

Date:

28.07.2009

Attestation

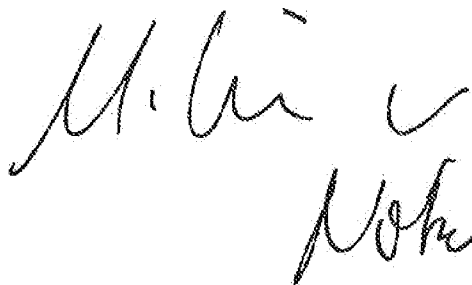
I, the undersigned Civil Law Notary of Basel, Switzerland, Dr. Mark Eichner, certify herewith that the signatures attached heretofore are the genuine signatures of **Mr. Christoph Heusser**, born on the 29th day of November 1944 (nineteen forty-four), citizen of Zürich, Switzerland, with business address at Novartis Pharma AG, in Basel, Switzerland, and of **Mr. Maximilian Woisetschläger**, Austrian citizen, residing in Perchtoldsdorf, Austria.

I further certify that signatures attached heretofore are the genuine signatures **Ms. Ella Rutschmann**, citizen of Lotzwil, Switzerland, residing in Basel, Switzerland, and of **Ms. Sabine Zeller**, citizen of Ormalingen, Switzerland, residing in Gelterkinden, Switzerland, both acting for **Novartis AG**, in Basel, Switzerland, both as proxy holders, both with joint signature.

The authenticity of the signatures was established by means of comparison.

BASEL, Switzerland, this 31th (thirty-first) day of July 2009 (two thousand and nine)

Leg.Prot.Nr. 326 /2009




Dr. Mark Eichner

FOR CERTIFIED COPY

I, the undersigned Civil Law Notary of Basel, Switzerland, Dr. Mark Eichner, hereby certify that the document attached heretofore is a true and authentic photocopy of the original.

BASEL, Switzerland, this 31th (thirty-first) day of July 2009 (two thousand and nine)



Leg.Prot.Nr. 359 /2009