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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NIKOLAOS DIMOUDIS	01/19/2011
GEORG FERTIG	01/19/2011
ALEXANDER FIDLER	01/19/2011
KLAUS KALUZA	01/19/2011
MARLENE PICKL	01/19/2011
CAROLA RIES	01/19/2011
STEFAN SEEBER	01/19/2011
MARTIN LANZENDOERFER	01/19/2011

RECEIVING PARTY DATA

Name:	F. HOFFMANN-LA ROCHE AG
Street Address:	GRENZACHERSTRASSE 124
City:	BASEL
State/Country:	SWITZERLAND
Postal Code:	4070

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14527097

CORRESPONDENCE DATA

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Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: (650)467-2901 Email: carolaf@gene.com CAROL A. FANG **Correspondent Name:** Address Line 1: GENENTECH INC. Address Line 2: 1 DNA WAY

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ATTORNEY DOCKET NUMBER:	P4544C1-US
NAME OF SUBMITTER:	CAROL F. FANG, REG. NO. 48,631
SIGNATURE:	/Carol A. Fang/

PAIENI REEL: 034858 FRAME: 0668 503160300

DATE SIGNED: 01/30/2015

Total Attachments: 2
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PATENT REEL: 034858 FRAME: 0669

Assignment

WHEREAS, I/WE

Nikolaos Dimoudis, Georg Fertig, Alexander Fidler, Klaus Kaluza, Marlene Pickl, Carola Ries, Stefan Seeber, Martin Lanzendoerfer (deceased)

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

ANTIBODIES AGAINST HUMAN CSF-1R AND USES THEREOF

which are described and claimed in application for United States Letters Patent in respect of which a Declaration and Power of Attorney was executed on

January 19, 2011

which application is based upon the following foreign application(s)

in Europe on 10/December/2009 under No. 09015310.7 and in Europe on 19/August/2010 under No. 10173407.7

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.

PATENT REEL: 034858 FRAME: 0670 IN WITNESS WHEREOF, this Assignment has been executed by the Assignor(s) at Penzberg, Germany on January 19, 2011

The local Lingson Dimoudis Georg Fertigon Martin Lanzendoerfer (deceased)

PATENT REEL: 034858 FRAME: 0671

RECORDED: 01/30/2015