503113519 12/23/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3160127

NATURE OF CONVEYANCE: Corrective Assignmen	GNMENT
previously recorded o	nt to correct the THE RECEIVING PARTY NAME in Reel 026881 Frame 0479. Assignor(s) hereby MENT TO GENENTECH, INC.

CONVEYING PARTY DATA

Name	Execution Date
GENENTECH, INC.	03/29/2011

RECEIVING PARTY DATA

Name:	GENENTECH, INC.
Street Address:	1 DNA WAY
City:	SOUTH SAN FRANCISCO
State/Country:	CALIFORNIA
Postal Code:	94080

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12975784

CORRESPONDENCE DATA

Fax Number: (212)755-7306

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: 212-326-3961

Email: dsteidell@jonesday.com

Correspondent Name: JONES DAY

Address Line 1: 222 EAST 41ST STREET

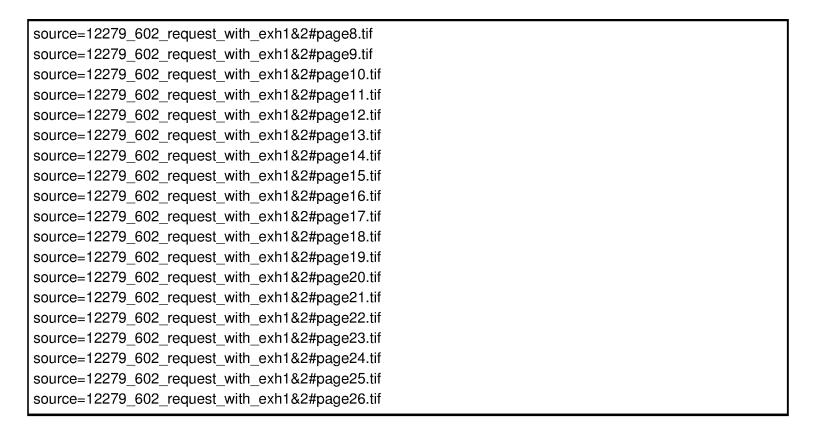
Address Line 4: NEW YORK, NEW YORK 10017

ATTORNEY DOCKET NUMBER:	12279-602-999
NAME OF SUBMITTER:	CRYSTAL SURI
SIGNATURE:	/ Crystal Suri /
DATE SIGNED:	12/23/2014

Total Attachments: 24

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PATENT 503113519 REEL: 034696 FRAME: 0599



USPTO 9/9/2011 4:41:55 PM PAGE 4/004 Fax Server TO:R. MINAKO PAZDERA COMPANY:1 DNA WAY

		PATENT ASSIGNMENT	
ectronic Version ylesheet Version		09/09/2011 501653216	
SUBMISSION TYPE		NEW ASSIGNMENT	
NATURE OF CONV	EYANCE:	ASSIGNMENT	
CONVEYING PART	Y DATA	A second	
			Execution Date
GENENTECH, INC.		Name	03/29/2011
RECEIVING PARTY	DATA		
L		IN-LA ROCHE AG	
Name: Street Address:	Grenzachers		
	Basel		
City:	SWITZERLA	ND.	
State/Country: Postal Code:	4070	V D	
Property	Туре	Numbe	er
Application Number	r.	12975784	and the last of th
CORRESPONDENCE Fax Number: Correspondence with Phone: Email: Correspondent Nan Address Line 1: Address Line 2: Address Line 4:	(650)95 If be senf via US (650) 22 docketine: R. Mina 1 DNA Mall Sto	Mail when the fax attempt is unsuccessfu 5-4511 ig-d@gene.com ko Pazdera Vay	Lul.
ATTORNEY DOCK	ET NUMBER:	P4373R1	
NAME OF SUBMIT	TER:	R. Minako Pazdera	
Total Attachments: source=P4373R1_A source=P4373R1_A source=P4373R1_A	kssignmentli#pag kssignmentli#pag	e2.fif	

Case No.: 27272

Attorney Docket No.: P4373R1US

ASSIGNMENT II (Non-Small Molecule)

GENENTECH, INC. (Assignor), a corporation organized and existing under and by virtue of the laws of the State of Delaware, United States of America, having its principal place of business at South San Francisco, California 94080, United States of America, pursuant to the 19 March 2010 Ex-US Patent Administration Agreement, hereby assigns to

F. HOFFMANN-LA ROCHE AG (Assignee) Grenzacherstrasse 124 4070 Basel Switzerland

all of its right, title and interest in all member states of the EPO (including all extension states), India and China, in and to the invention described and claimed in an application entitled

ANTI-BV8 ANTIBODIES AND USES THEREOF

for which United States non-provisional application Serial No. 12/975.784 (Docket No. P4373R1) has been filed on 22 December 2010; and

which claim priority to United States provisional patent applications Serial Nos. <u>61/284,743</u> (Docket No. <u>PR4373)</u> filed on <u>23 December 2009</u> and Serial No. <u>61/414,052</u> (Docket No. <u>PR4373-1</u>) filed on <u>18 November 2010</u>;

as well as in any subsequent application(s) in all member states of the EPO (including all extension states), India and China, which subsequent application(s) claim these provisional application Serial Nos. <u>61/284.743</u> and <u>61/414.052</u> as priority.

In respect of the invention and all such patent applications, domestic and foreign, on said invention, an assignment of all right, title and interest therein, for the whole world in favor of Assignor was recorded by the United States Patent and Trademark Office on <u>06 May 2010</u>, <u>16 December 2010</u>, and <u>02 March 2011</u> and

Xiumin WU, Yan WU, Lanlan YU, Napoleone FERRARA, Wel-Ching LIANG, Yu√u G. MENG and Janet TIEN

Assignor expressly assigns to Assignee the right to file corresponding patent application(s) in all member states of the EPO (including all extension states), India and China and to claim the priority date under any international treaty or convention of any of the above U.S. patent application(s) assigned by Assignor in this present Assignment. Assignor agrees to execute any additional assignments and writings as well as to perform any additional acts necessary to enable Assignee to enjoy the full rights of the present Assignment.

0.11-7		
South San Francisco, California 94080, United States of America	GENENTECH, INC.	Ohs
Date: 3/29///	By: Gary Jord Gary Loob	
Basel, Swifzerland	Vice President, http://gryal. DTGGTVA ROCHE AG	
Date: April 05, 2011	By: WMTShi	Susanne America
	TO BE MOTABIZED Wolder of Procuration	Mandatory

3373418

Legalization

The undersigned Notary Public of the Canton of Basel-Stadt (Switzerland), Dr. Christoph Nertz, herewith legalizes the overleaf signature

of F. Hoffmann-La Roche AG, a stock company with legal domicile in Basel (Switzerland), rendered by

Mister Antonio Natoli, citizen of and residing in Basel (Switzerland), and

Miss Susanne Amann, German citizen, residing in Heitersheim (Germany),

both duly entitled also to sign documents wherein property of the company is alienated.

Signers and signatures personally known.

B a s e I (Switzerland), this 8th (elghth) day of April 2011 (two thousand and eleven).

DA CHRISTOPH NERTZ NOTAR BASEL

h. Cylul

BV 293/2011

	ACKNOWLEDGMENT	
State of California County of San Maleo)	
On 29 March 2011	before me, Carolyn C.	Caires, Notary Public name and title of the officer)
///	(Insert	name and title of the officer)
ubscribed to the within instr lis/hat/(hair authorized capa lorson(s), or the entity upon	sis of satisfactory evidence to ument and acknowledged to r city(les), and that by his/her/fi behalf of which the person(s)	be the person(s) whose name(s) is/3ce me that he/she/1dey executed the same refr signature(s) on the instrument the acted, executed the instrument.
certify under PENALTY OF paragraph is true and correc	PERJURY under the laws of t.	the State of California that the foregoing
VITNESS my hand and office	cial seal.	CARGUYN C. CANSUS Commission # 1762871 Notery Public - California Ean Moteo Gounty MyComm Episestep 17, 2011
Signature Cawbo C	. Cana (Seal)	Barren San San San San San San San San San Sa

CAPACITY(IES) CLAIMED BY SIGNER

Signer's Name: Gary Loeb Corporate Officer - Title(s): Vice President, Intellectual Property Signer is representing: GENENTECH, INC.

Exhibit 1

WHEREAS, Xiumin Wu, a citizen of FI, having a mailing address of 1 DNA Way, South San Francisco, CA 94080, Yan Wu, a citizen of the USA, having a mailing address of 1 DNA Way, South San Francisco, CA 94080, Lanlan Yu, a citizen of the USA, having a mailing address of 1 DNA Way, South San Francisco, CA 94080, Napoleone Ferrara, a citizen of the USA, having a mailing address of 1 DNA Way, South San Francisco, CA 94080, Wei-Ching Liang a citizen of TW, having a mailing address of 1 DNA Way, South San Francisco, CA 94080, Yu-Ju G. Meng, a citizen of the USA, having a mailing address of 1 DNA Way, South San Francisco, CA 94080 and Janet Tien, a citizen of the USA, having a mailing address of 1 DNA Way, South San Francisco, CA 94080 (hereinafter "ASSIGNORS"), have invented a new and useful invention in

ANTI-BV8 ANTIBODIES AND USES THEREOF

for which International Application Serial No. <u>PCT/US2010/061760</u>, filed <u>22 DEC 2010</u> has been filed and claims the benefit from United States Provisional Applications Nos. <u>61/284,743</u>, filed <u>23-DEC 2009</u>, and Serial No. <u>61/414,052</u> filed <u>16 NOV 2010</u>, and was subsequently submitted to the United States Receiving Office under 35 USC §371 on <u>22 DEC 2010</u> as Application Serial No. <u>12/975,784</u> (Docket No. P4374R1) for Letters Patent; 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)

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 5: /14/2011	
Date	Name: Xiumin Wu
South San Francisco	
Date	Name: Yan Wu
South San Francisco	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
Date	Name: Lanlan Yu
South San Francisco	
Date	Name: Napoleone Ferrara
South San Francisco	
Date	Name: Wei-Ching Liang
South San Francisco	
Date	Name: Yu-Ju G. Meng
South San Francisco	
Date	Name: Janet Tien

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South San Francisco	
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South San Francisco	
Date	Name: Xiumin Wu
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South San Francisco	
Date	Name: Napoleone Ferrara
South San Francisco	heiding Ling
Date	Name: Wei-Ching Liang
South San Francisco	
Date	Name: Yu-Ju G. Meng
South San Francisco	
Date	Name: Janet Tien

Exhibit 2

RECORDED: 12/23/2014