11/05/2020 506339561

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JAMES JOHN CRAWFORD	03/23/2018
HUIYONG HU	03/22/2018
MICHAEL F.T. KOEHLER	03/22/2018
CUONG Q. LY	03/22/2018
JACOB BRADLEY SCHWARZ	03/23/2018
PETER ANDREW SMITH	04/19/2018

RECEIVING PARTY DATA

Name:	GENENTECH, INC
Street Address:	1 DNA WAY
City:	SOUTH SAN FRANCISCO
State/Country:	CALIFORNIA
Postal Code:	94080-4990

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15777509

CORRESPONDENCE DATA

Fax Number: (919)862-2260

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: 919-862-2200

Email: lorraine.pineda@alston.com

Correspondent Name: ALSTON & BIRD

555 FAYETTEVILLE STREET Address Line 1:

Address Line 2: SUITE 600

Address Line 4: RALEIGH, NORTH CAROLINA 27601

ATTORNEY DOCKET NUMBER:	047200/541655	
NAME OF SUBMITTER:	MARISA B. SANDERS	
SIGNATURE:	/Marisa B. Sanders/	
DATE SIGNED:	11/04/2020	

Total Attachments: 6

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ASSIGNMENT

WHEREAS, James John Crawford, Huiyong Hu. Michael F.T. Koehler, Cuong Q. Ly and Jacob Bradley Schwarz (each an "ASSIGNOR"), have invented a new and useful invention in

MACROCYCLIC BROAD SPECTRUM ANTIBIOTICS

for which application Serial Nos. PCT/CN2015/095165 (Docket No. P33457-WO); PCT/CN2016/105043 (Docket No. P33457-WO-1) and PCT/CN2016/106597 (Docket No. P33457-WO-2) have been filed by them on 20 November 2015, 8 November 2016 and 21 November 2016 (respectively); 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.

James John Crawford Mailing address: 1 DNA Way South San Francisco, CA 94080 Citizenship:	3 / 25 / 2018 Date
Huiyong Hu Mailing address: 1 DNA Way South San Francisco, CA 94080 Citizenship: CH	03/22/20/8 Date
Michael F.T. Koehler Mailing address: 1 DNA Way South San Francisco, CA 94080 Citizenship: USA	3/22/2018 Date
Cuong Q. Ly Mailing address: 1 DNA Way South San Francisco, CA 94080 Citizenship: UCA	3/22/2018 Date
Jacob Bradley Schwarz Mailing address: 7211 Balmoral Way San Ramon, CA 94582 Citizenship:	Date

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Docket No. P33457-WO, P33457-WO-1 and P33457-WO-2

ASSIGNMENT

WHEREAS, James John Crawford, Huiyong Hu. Michael F.T. Koehler, Cuong Q. Ly and Jacob Bradley Schwarz (each an "ASSIGNOR"), have invented a new and useful invention in

MACROCYCLIC BROAD SPECTRUM ANTIBIOTICS

for which application Serial Nos. PCT/CN2015/095165 (Docket No. P33457-WO); PCT/CN2016/105043 (Docket No. P33457-WO-1) and PCT/CN2016/106597 (Docket No. P33457-WO-2) have been filed by them on 20 November 2015, 8 November 2016 and 21 November 2016 (respectively); 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;

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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;

James John Crawford Mailing address: 1 DNA Way	Date
South San Francisco, CA 94080	
Citizenship:	
Huiyong Hu	Date
Mailing address:	
1 DNA Way	
South San Francisco, CA 94080	
Citizenship:	
	•
Michael F.T. Koehler	Date
Mailing address:	Date
1 DNA Way	
South San Francisco, CA 94080	
Citizenship:	
	D.1
Cuong Q. Ly	Date
Mailing address: 1 DNA Way	
South San Francisco, CA 94080	
Citizenship:	
·	
- 4 4	
	23 Mar 2018
LIM LI	23 Mar 2018 Date
Jacob Bradley Schwarz	Date
Mailing address: 7211 Balmoral Way	
San Ramon, CA 94582	
Citizenship: // 12 to 15 to 15	A

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ASSIGNMENT

WHEREAS. Peter Andrew Smith (an "ASSIGNOR"), has invented a new and useful invention in

MACROCYCLIC BROAD SPECTRUM ANTIBIOTICS

for which application Serial Nos. PCT/CN2015/095165 (Docket No. P33457-WO); PCT/CN2016/105043 (Docket No. P33457-WO-1) and PCT/CN2016/106597 (Docket No. P33457-WO-2) have been filed by them on 20 November 2015, 8 November 2016 and 21 November 2016 (respectively); 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 filling 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;

Peter Andrew Smith

Mailing address:

1 DNA Way

South San Francisco, CA 94080

Citizenship: Until States of America

4//9/2018 Date

Page 2 of 2

PATENT REEL: 054284 FRAME: 0081

RECORDED: 11/05/2020