503953186 08/09/2016

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3999842

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
YUE LIU	07/18/2016
TARLOCHAN S. NIJJAR	07/19/2016
JEFFREY N. HIGAKI	07/20/2016

# **RECEIVING PARTY DATA**

Name:	PROTHENA BIOSCIENCES INC	
Street Address:	650 GATEWAY BOULEVARD	
City:	SOUTH SAN FRANCISCO	
State/Country:	CALIFORNIA	
Postal Code:	94080	

# **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15201423

# CORRESPONDENCE DATA

Fax Number: (650)838-2001

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: 6508382000

Email: RUTH.HOLMBERG@ALSTON.COM

**Correspondent Name:** ROSEMARIE L. CELLI

Address Line 1: ALSTON & BIRD LLP, BANK OF AMERICA PLAZA

Address Line 2: 101 SOUTH TRYON STREET, SUITE 4000 Address Line 4: CHARLOTTE, NORTH CAROLINA 28280-4000

ATTORNEY DOCKET NUMBER:	057450-477656	
NAME OF SUBMITTER:	ROSEMARIE L. CELLI	
SIGNATURE:	/Rosemarie L. Celli/	
DATE SIGNED:	08/09/2016	

#### **Total Attachments: 5**

source=477656-Inventor-to-PBI#page1.tif source=477656-Inventor-to-PBI#page2.tif source=477656-Inventor-to-PBI#page3.tif

source=477656-Inventor-to-PBI#page4.tif source=477656-Inventor-to-PBI#page5.tif

#### ASSIGNMENT

WHEREAS, Yue Liu of 815 Peary Lane, Foster City, California 94404, Tarlochan S. Nijjar of 712 Ironbark Court, Orinda, California 94563, and Jeffrey N. Higaki of 2071 Queens Lane, San Mateo, CA 94402; hereinafter referred to as "Assignors," are inventors of the invention described and set forth in the below-identified patent application:

Title of Invention: Anti-Transthyretin Antibodies

US Application No.: 15/201,423

Filing Date: July 2, 2016

WHEREAS, Prothena Biosciences Inc, a corporation duly organized under and pursuant to the laws of the state of Delaware, and having a principal place of business at 650 Gateway Boulevard, South San Francisco, CA 94080, hereinafter referred to as "Assignee," is desirous of acquiring Assignor's right, title and interest in and to the above-mentioned invention and application, the right to file applications on said invention, and the right, title and interest in and to any applications, including provisional applications, on said invention for Letters Patent of the United States or other countries, and any applications claiming priority to said applications, and in and to any Letters Patent or Patents of any country, to be obtained therefor and thereon;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors has assigned, transferred and set over, and by these presents does assign, transfer and set over unto Assignee, and Assignee's successors, legal representatives, and assigns, all of Assignor's right, title and interest in and to the abovementioned invention and application, the right to file applications on said invention, and the right, title and interest in and to any such applications, including provisional applications, and any applications claiming priority from said applications for Letters Patent of the United States or other countries (including patent, utility model and industrial designs), and in and to any Letters Patent or Patents of the United States of America and all foreign countries that have been or may be granted therefor and thereon, and in and to any and all divisions, renewals, substitutions, conversions, continuations, and continuations-in-part of said applications, and reissues, prolongations and extensions of said Letters Patent or Patents, and all rights under the Paris Convention for the Protection of Industrial Property, including the right to claim priority, the same to be held and enjoyed by Assignee, for its own use and behalf and the use and behalf of Assignee's successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by Assignors had this Assignment not been made;

AND for the same consideration, Assignors hereby covenants and agrees to and with Assignee, its successors, legal representatives, and assigns, that Assignors shall, whenever counsel of Assignee, or the counsel of its successors, legal representatives, and assigns, advises that any proceeding in connection with said invention or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said invention in any country, including interference proceedings, is lawful and desirable, or that any application

US Application No. 15/201,423 Assignment Page 2

claiming priority to said application, division, continuation, continuation-in-part, substitution or conversion of any applications for Letters Patent or Patents, or any reissue, prolongation or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent or Patents for said invention, without charge to Assignee, its successors, legal representatives, and assigns, but at the cost and expense of Assignee, its successors, legal representatives, and assigns;

AND Assignors hereby requests the Commissioner of Patents to issue any and all said Letters Patent or Patents of the United States to Assignee as the assignee of said invention and the Letters Patent or Patents issued and to be issued thereon for the use and behalf of Assignee, its successors, legal representatives, and assigns;

AND the undersigned hereby grant(s) an authorized representative of Assignee the power to insert in this Assignment the application number and filing date and any further identification that may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

IN TESTIMONY WHEREOF, Assignor has signed his name on the date indicated.

Dated: 7/18//6	
	Yue Liu

IN TESTIMONY WHEREOF, Assignor has signed his name on the date indicated.

Dated: 7/19/16 Sayled Tarlochan S. Nijjar

IN TESTIMONY WHEREOF, Assignor has signed his name on the date indicated.

Dated: 7/20/16 9/40 Jeffrey N. Higaki

EXECUTION IN THE PRESENCE OF A NOTARY IS PREFERRED

LEGAL02/36527467v1

# CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

CIVIL CODE § 1189

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.		
State of California ,		
County of San Matco )		
On 7/18/13 o before me.	Kelly (- Hannibal	
Date	Here (naert Name and Title of the Officer	
personally appeared	ùu <sup>°</sup>	
·	Name(s) of Signer(s)	
subscribed to the within instrument and acknow	evidence to be the person(s) whose name(s) is/are ledged to me that he/she/they executed the same in is/her/their signature(s) on the instrument the person(s), cted, executed the instrument.	
	I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.	
KELLY L. HANNIBAL Notary Public - California San Mateo County Commission # 2149951 My Comm. Expuss Apr 22, 2020	WITNESS my hand and official seal	
	Signature of Notary Public	
Place Notary Seal Above	TIONAL	
Though this section is optional, completing this	information can deter alteration of the document or sform to an unintended document.	
Description of Attached Document Title or Type of Document: ASIGNWONT Number of Pages:Signer(s) Other Tha	15/201473 Document Date: In Named Above: <u>\&amp;Fthq&amp;K/Tochckan Nij</u> i	
Capacity(ies) Claimed by Signer(s)	001	
Signer's Name:	Signer's Name:	
Corporate Officer — Title(s):	Corporate Officer — Title(s):	
☐ Partner — ☐ Limited ☐ General ☐ Individual ☐ Attorney in Fact	☐ Partner — ☐ Limited ☐ General ☐ Individual ☐ Attorney in Fact	
☐ frustee ☐ Guardian or Conservator	☐ Individual ☐ Attorney In Fact ☐ Trustee ☐ Guardian or Conservator	
Other:	☐ Other:	
Signer Is Representing:	Signer is Representing:	

©2014 National Notary Association • www.NationalNotary.org • 1-800-US NOTARY (1-800-876-6827) Item #5907

# California all-purpose acknowledgment

CIVIL CODE § 1189

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document. State of California County or Zan Matco Here Insert Name and Title of the Officer personally appeared \_ who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s). or the entity upon behalf of which the person(s) acted, executed the instrument. I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct. WITNESS my hand, and official seal. KELLY L. HAHNIBAL Notary Public - California San Mateo County Commission # 2149951 Signature ly Comm. Expires Apr 22, 2020 Signature of Notary Public Place Notary Seal Above " OPTIONAL " Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document. **Description of Attached Document** Number of Pages: Signer(s) Other Than Named Above: 1148 Lity, 16ff Title or Type of Document: ASSIGNWOAT 15/201, 42Document Date: Capacity(ies) Claimed by Signer(s) Signer's Name: \_\_\_\_\_ Signer's Name: \_\_\_ Corporate Officer - Title(s): Corporate Officer - Title(s): □ Partner — □ Limited □ General ☐ Partner - ☐ Limited ☐ General ☐ Individual ☐ Attorney in Fact 🗀 Individual 💢 Attomey in Fact Trustee Guardian or Conservator Trustee Guardian or Conservator Other: ☐ Other: \_\_\_\_ Signer Is Representing: Signer Is Representing: 

©2014 National Notary Association • www.NationalNotary.org • 1-800-US NOTARY (1-800-876-6827) Item #5907

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.		
State of California ) County of San Mates )		
On Date before me,	Here Insert Name and Title of the Officer	
personally appeared	Name(s) of Signer(s)	
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.		
	I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.	
KELLY L. HANNIBAL Notary Public - California San Mateo County Commission # 2149851 My Comm. Expires Apr 22, 2020	Signature Signature of Notary Public	
Place Notary Seal Above	TIONAL	
	information can deter alteration of the document or some some some some some some some some	
Description of Attached Document  Title or Type of Document: Signer(s) Other That	SIZOL, 423 Document Date: an Named Above: 444 Llu, Tarlochan Nylav	
Capacity(ies) Claimed by Signer(s)  Signer's Name:  Corporate Officer — Title(s):  Partner — Limited General  Individual Attorney in Fact  Trustee Guardian or Conservator  Other:  Signer Is Representing:	Signer's Name:  Corporate Officer — Title(s):  Partner — Limited General Individual Attorney in Fact Trustee Guardian or Conservator Other:	

©2014 National Notary Association • www.NationalNotary.org • 1-800-US NOTARY (1-800-876-6827) Item #5907

PATENT REEL: 039388 FRAME: 0110

RECORDED: 08/09/2016