506109484 06/16/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6156206

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
STACEY SPENCER	06/11/2019
ZACK CRANE	06/14/2019
KATELYN CHANDO	06/17/2019
SYLVIE ASSELIN	06/13/2019
WEIDONG LIU	06/17/2019
MIKE WELCH	06/07/2019

RECEIVING PARTY DATA

Name:	AVISTA PHARMA SOLUTIONS, INC.
Street Address:	2620 TRADE CENTRE AVENUE
City:	LONGMONT
State/Country:	COLORADO
Postal Code:	80503

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16902424

CORRESPONDENCE DATA

Fax Number: (317)276-3861

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.

Email: patents@lilly.com

Correspondent Name: **ELI LILLY AND COMPANY**

Address Line 1: P. O. BOX 6288 Address Line 2: PATENT DIVISION

Address Line 4: INDIANAPOLIS, INDIANA 46206-6288

ATTORNEY DOCKET NUMBER:	X22348A
NAME OF SUBMITTER:	PATRICIA A FOOR
SIGNATURE:	/Patricia A Foor/
DATE SIGNED:	06/16/2020

Total Attachments: 53

PATENT REEL: 052957 FRAME: 0606

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> PATENT REEL: 052957 FRAME: 0608

ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, STACEY SPENCER, ZACK CRANE, KATELYN CHANDO, SYLVIE

ASSELIN, WEIDONG LIU, and MIKE WELCH, each individually assign to AVISTA
PHARMA SOLUTIONS, a corporation formed under the laws of Delaware and having a principal place of business at 2620 Trade Centre Avenue, Longmont, CO 80503, and its successors, transferees, and assignees (collectively the "Assignee"), all of our individual and joint right, title, and interest throughout the world in the invention(s) (the "Subject Matter") described in a patent application that names us as inventors, is titled "PROCESS FOR THE PREPARATION OF 6-(2-HYDROXY-2-METHYLPROPOXY)-4-(6-(6-(6-(6-METHOXYPYRIDIN-3-YL)METHYL)-3.6-DIAZABICYCLO[3.1.1]HEPTAN-3YL)PYRIDIN-3-YL)PYRAZOLO[1.5-A]PYRIDINE-3-CARBONITRILE," and was filed in the United States Patent and Trademark Office as U.S. Provisional Application No. 62/570.565 on October 10, 2017, U.S. Application 16/156,955 on October 10, 2018 and International Application No. PCT/US2018/055255 on October 10, 2018. (the "Application").

This Assignment assigns, in addition to the Subject Matter of the Application, (a) the Application and all other applications that may be made for, and all patents, utility models, design registrations, and other rights of exclusion and inventors' certificates for, any of the Subject Matter (collectively the "Applications and Granted Rights") in every country or region and under every treaty or convention, (b) the right to claim priority based on and the benefit of the filing date of any of the Applications and Granted Rights under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other applicable treaties or conventions, and (c) the right to pursue, collect, and retain in the Assignee's name or otherwise, damages and any other remedies arising from any past, present, or future infringement of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment.

We authorize the Assignee to apply for and pursue protection for any or all of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment in all countries, regions, and territories of the world, in our names or in the Assignee's name.

Assignment Page 1 of 8

We represent and warrant that we have the right and power to make this Assignment and that we have not made and will not make any other assignment that conflicts with this Assignment.

We will communicate to the Assignee (or, at the request of the Assignee to other parties) all known facts in any form relating to the Subject Matter; will execute and provide all oaths and declarations, statements, testimony, assignments, powers of attorney, applications, and documents; and will perform all other lawful acts necessary or desirable to secure fully to the Assignee the rights, titles, and interests assigned by this Assignment.

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الله المنافق	11
String Somen	DATE: 26 JULE 2019
Stacey Spencer /	

State of Colorado
County of Paulous

The foregoing instrument was acknowledged before me this 11 JUNE ZOIA by

(Notary's official signature)

(Commission expiration date)

KIMBERLY FRANCO Notary Public - State of Colorado Notary IO 20174005591 My Commission Expires Feb 6, 2021

DATE:	
Zack Crane	
State of Colorado	
County of	
The foregoing instrument was acknowledged before me this	by
(Notary's official signature)	
(Commission expiration date)	

DATE:	
Katelyn Chando	
State of Colorado	
County of	
The foregoing instrument was acknowledged before me this	by
(Notary's official signature)	
(Commission expiration date)	

DATE:	
Sylvie Asselin	
State of Colorado	
County of	
The foregoing instrument was acknowledged before me this	by
(Notary's official signature)	
(Commission expiration date)	

DATE:	
Weidong Liu	
State of Colorado	
County of	
The foregoing instrument was acknowledged before me this	by
(Notary's official signature)	
(Commission expiration date)	

DATE:	
Mike Welch	
State of Colorado	
County of	
The foregoing instrument was acknowledged before me this	by
(Notary's official signature)	
(Commission expiration date)	

The Assignee hereby acknowledges and accepts the foregoing	ng assignment.	
Assignee: AVISTA PHARMA SOLUTIONS		
Signature:	Date:	
Name:		
Title:		
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Assignment Page 8 of 8

ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, STACEY SPENCER, ZACK CRANE, KATELYN CHANDO, SYLVIE ASSELIN, WEIDONG LIU, and MIKE WELCH, each individually assign to AVISTA PHARMA SOLUTIONS, INC. D/B/A CAMBREX, a corporation formed under the laws of Delaware and having a principal place of business at 2620 Trade Centre Avenue, Longmont, CO 80503, and its successors, transferees, and assignees (collectively the "Assignee"), all of our individual and joint right, title, and interest throughout the world in the invention(s) (the "Subject Matter") described in a patent application that names us as inventors, is titled "PROCESS FOR THE PREPARATION OF 6-(2-HYDROXY-2-METHYLPROPOXY)-4-(6-(6-(6-(6-METHOXYPYRIDIN-3-YL)METHYL)-3.6-DIAZABICYCLO[3.1.1]HEPTAN-3-YL)PYRIDIN-3-YL)METHYL)-3.6-DIAZABICYCLO[3.1.1]HEPTAN-3-YL)PYRIDIN-3-YL)PYRAZOLO[1.5-A]PYRIDINE-3-CARBONITRILE," and was filed in the United States Patent and Trademark Office as U.S. Provisional Application No. 62/570,565 on October 10, 2017, U.S. Application 16/156,955 on October 10, 2018 and International Application No. PCT/US2018/055255 on October 10, 2018 (the "Applications").

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Assignment Page 1 of 9

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Assignment Page 2 of 9

	Date:	
Stacey Spencer		
Witnessed by:		
Signature:	Date:	
Print Name:		
Signature:	Date:	
Print Name:		

Assignment Page 3 of 9

Zack Zrane

Date: 14Jun 15

Witnessed by:

Signature:

Date: 14 Jan 19

Print Name: Cy Vernon (red)

Signature:

Date: 14 June 19

Print Name: Joshun Dykstre

Print Name:

Attorney Docket No.: 40449-0086001 / B22348 / 138-07-US

Assignment Page 5 of 9

Print Name:

Attorney Docket No.: 40449-0086001 / B22348 / 138-07-US

Assignment Page 6 of 9

Print Name:

Attorney Docket No.: 40449-0086001 / B22348 / 138-07-US

Assignment Page 7 of 9

Print Name:

Attorney Docket No.: 40449-0086001 / B22348 / 138-07-US

Assignment Page 8 of 9

ine Assi	ignee nereby	acknowledges a	and accepts the foregoin	g assignment,	
Assignee	e: AVJSTA I	PHARMA SOLI	UTIONS, INC. D/B/A C	CAMBREX	
Signatur	e:/ <i></i>	<u> </u>	11/1/10lez	Date: <u>6//9//</u>	7
Name: _	SAM)antha	Han/Ky		
Title:	VICE_	\$11851a	190 t		

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Assignment Page 9 of 9

ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, STACEY SPENCER, ZACK CRANE, KATELYN CHANDO, SYLVIE ASSELIN, WEIDONG LIU, and MIKE WELCH, each individually assign to AVISTA PHARMA SOLUTIONS, INC. D/B/A CAMBREX, a corporation formed under the laws of Delaware and having a principal place of business at 2620 Trade Centre Avenue, Longmont. CO 80503, and its successors, transferees, and assignees (collectively the "Assignee"), all of our individual and joint right, title, and interest throughout the world in the invention(s) (the "Subject Matter") described in a patent application that names us as inventors, is titled "PROCESS FOR THE PREPARATION OF 6-(2-HYDROXY-2-METHYLPROPOXY)-4-(6-(6-(6-METHOXYPYRIDIN-3-YL)METHYL)-3.6-DIAZABICYCLO[3,1,1]HEPTAN-3-YL)PYRIDIN-3-YL)METHYLD-3.6-DIAZABICYCLO[3,1,1]HEPTAN-3-YL)PYRIDIN-3-YL)PYRAZOLO[1,5-A]PYRIDINE-3-CARBONITRILE," and was filed in the United States Patent and Trademark Office as U.S. Provisional Application No. 62/570,565 on October 10, 2017, U.S. Application 16/156,955 on October 10, 2018 (the "Applications").

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Assignment Page 2 of 9

Print Name: _____

Attorney Docket No.: 40449-0086001 / B22348 / 138-07-US

Assignment Page 3 of 9

| Date: ______ | Zack Crane | ______ | Date: _____ | Date: ______ | Date: _______ | Date: ________ | Date: ________ | Date: _________ | Date: _________ | Date: __________ | Date: ___________ | Date: _____________ | Date: _____________ | Date: ___________________| | Date: ______________________________| | Date: ____________________________

Attorney Docket No.: 40449-0086001 / B22348 / 138-07-US

Date:

Print Name:

Signature:

Katelyn Chando	Date: 06/17/2019
Witnessed by: Jee attacked California	a Acknowledgement.
Signature:	Date:
Print Name:	
Signature:	Date:
Print Name:	

CALIFORNIA ALL PURPOSE CERTIFICATE OF ACKNOWLEDGEMENT

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 SACRAMENTO}	
the state of the s	re me, P M Palmer, Notary Public, personally appeared
acknowledged to me that he/she/they	ore me, P M Palmer, Notary Public, personally appeared , who proved to me on the basis of satisfactor e name(s) is/are subscribed to the within instrument and executed the same in his/her/their authorized capacity(ies) on the instrument the person(s), or the entity upon behalf or e instrument.
I certify under PENALTY OF PERJUR) paragraph is true and correct.	Y under the laws of the State of California that the foregoing
WITNESS my hand and official seal.	P. M. PALMER COMM. #2258151 Notary Public - Casiforma 2 Placer County Comm. Expires Sep 15, 2022
Signature Y Y	(NOTARY SEAL)
PM Palmer — Notary Public ATTENTION NOTARY: Although the information certificate to another document.	requested below is OPTIONAL, it could prevent fraudulent attachment of thi
THIS CERTIFICATE MUST BE ATTACHED TO THE DOCUMENT DESCRIBED AT RIGHT.	Title of Document Type: ASS nmLAL
	Number of Pages: 7 Date of Document: 4/17/19
	Signer(s) Other Than Named Above
	CAPACITY CLAIMED BY THE SIGNER Individual (s) Corporate Officer (Title) Partner(s) Attorney-in-Fact Trustee(s) Other

PATENT REEL: 052989 FRAME: 0638

Sylvie Asselin	Date:
Witnessed by:	
Signature:	Date:
Print Name:	
Signature:	Date:
Print Name:	

Assignment Page 6 of 9

	Date:
Weidong Liu	**************************************
Witnessed by:	
Signature:	Date:
Print Name:	
Signature:	Date:
Print Name:	

Assignment Page 7 of 9

Mike Welch	Date:
Witnessed by:	
Signature:	Date:
Print Name:	
Signature:	Date:
Print Name:	

Assignment Page 8 of 9

The Assignee hereby acknowledges and accepts the foregoing assignee	ignment.
Assignee: AVISTA PHARMA SOLUTIONS, INC. D/B/A CAME	BREX
Signature:	Date:
Name:	
Title:	
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Assignment Page 9 of 9

ASSIGNMENT

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Assignment Page 2 of 9

Print Name:

Attorney Docket No.: 40449-0086001 / B22348 / 138-07-US

Assignment Page 3 of 9

Zack Crane	Date:
Witnessed by:	
Signature:	Date:
Print Name:	
Signature:	Date:
Print Name:	

Assignment Page 4 of 9

Print Name:

Attorney Docket No.: 40449-0086001 / B22348 / 138-07-US

Assignment Page 5 of 9

Date:	13	JON	2017	
			· · · · · · · · · · · · · · · · · · ·	

Signature: CUL R CALLAGE

Print Name: Kellage Ruttage

Signature: Date: 13 Jun 2019

Print Name: Dorek A Rolebge

Sylvie Asselin

Witnessed by:

Print Name:

Attorney Docket No.: 40449-0086001 / B22348 / 138-07-US

Assignment Page 7 of 9

| Date: | |

Print Name:

Attorney Docket No.: 40449-0086001 / B22348 / 138-07-US

Assignment Page 8 of 9

The Assignee hereby acknowledges and accepts the f	oregoing assignment.
Assignee: AVISTA PHARMA SOLUTIONS, INC. I	D/B/A CAMBREX
Signature:	Date:
Name:	
Title:	
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Assignment Page 9 of 9

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PHARMA SOLUTIONS, INC. D/B/A CAMBREX, a corporation formed under the laws of Delaware and having a principal place of business at 2620 Trade Centre Avenue, Longmont, CO 80503, and its successors, transferees, and assignees (collectively the "Assignee"), all of our individual and joint right, title, and interest throughout the world in the invention(s) (the "Subject Matter") described in a patent application that names us as inventors, is titled "PROCESS FOR THE PREPARATION OF 6-(2-HYDROXY-2-METHYLPROPOXY)-4-(6-(6-(6-METHOXYPYRIDIN-3-YL)METHYL)-3,6-DIAZABICYCLO[3,1,1]HEPTAN-3-YL)PYRIDIN-3-YL)METHYL)-3,6-DIAZABICYCLO[3,1,1]HEPTAN-3-YL)PYRIDIN-3-YL)PYRAZOLO[1,5-A]PYRIDINE-3-CARBONITRILE," and was filed in the United States Patent and Trademark Office as U.S. Provisional Application No. 62/570,565 on October 10, 2017, U.S. Application 16/156,955 on October 10, 2018 and International Application No. PCT/US2018/055255 on October 10, 2018 (the "Applications").

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Assignment Page 2 of 9

Stacey Spencer	Date:
Witnessed by:	
Signature:	Date:
Print Name:	
Signature:	Date:
Print Name:	

Assignment Page 3 of 9

Zack Crane	Date:
Witnessed by:	
Signature:	Date:
Print Name:	
Signature:	Date:
Print Name:	

Assignment Page 4 of 9

Katelyn Chando	Date:
Witnessed by:	
Signature:	Date:
Print Name:	
Signature:	Date:
Print Name:	

Assignment Page 5 of 9

Sylvie Asselin	Date:
Witnessed by:	
Signature:	Date:
Print Name:	
Signature:	Date;
Print Name:	

Assignment Page 6 of 9

	Attorney Docket No.: 40449-0086001 / B22348 / 138-07-US
Weidong Liu	Date: 06/17/2019
Witnessed by:	
Signature:	Date:
Print Name:	
Signature:	Date:
Print Name:	

Assignment Page 7 of 9

	Date:
Mike Welch	
Witnessed by:	
Signature:	Date:
Print Name:	
Signature:	Date:
Print Name:	

Assignment Page 8 of 9

The Assignee hereby acknowledges and accepts the f	oregoing assignment.
Assignee: AVISTA PHARMA SOLUTIONS, INC. I	D/B/A CAMBREX
Signature:	Date:
Name:	
Title:	
61949162.doc	

Assignment Page 9 of 9

ASSIGNMENT

This Assignment assigns, in addition to the Subject Matter of the Application, (a) the Application and all other applications that may be made for, and all patents, utility models, design registrations, and other rights of exclusion and inventors' certificates for, any of the Subject Matter (collectively the "Applications and Granted Rights") in every country or region and under every treaty or convention, (b) the right to claim priority based on and the benefit of the filing date of any of the Applications and Granted Rights under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other applicable treaties or conventions, and (c) the right to pursue, collect, and retain in the Assignee's name or otherwise, damages and any other remedies arising from any past, present, or future infringement of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment.

We authorize the Assignee to apply for and pursue protection for any or all of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment in all countries, regions, and territories of the world, in our names or in the Assignee's name.

Assignment Page 1 of 8

We represent and warrant that we have the right and power to make this Assignment and that we have not made and will not make any other assignment that conflicts with this Assignment.

We will communicate to the Assignee (or, at the request of the Assignee to other parties) all known facts in any form relating to the Subject Matter; will execute and provide all oaths and declarations, statements, testimony, assignments, powers of attorney, applications, and documents; and will perform all other lawful acts necessary or desirable to secure fully to the Assignee the rights, titles, and interests assigned by this Assignment.

DATE:	 	
Stacey Spencer		
State of Colorado		
County of		
The foregoing instrument was acknowledged before me this		by
•		
(Notary's official signature)		
(Commission expiration date)		

Assignment Page 2 of 8

REEL: 052989 FRAME: 0652

Zack Crane	DAT	E:	<u> </u>
State of Colorado County of			
	ment was acknowledged be	fore me this	by
(Notary's official sig	(nature)		
(Commission expirat	ion date)		

Assignment Page 3 of 8

DATE:	 	
Katelyn Chando		
State of Colorado		
County of		
The foregoing instrument was acknowledged before me this	 	by
(Notary's official signature)		
(Commission expiration date)		

Assignment Page 4 of 8

DATE:	
Sylvie Asselin	
State of Colorado	
County of	
The formalis :	
The foregoing instrument was acknowledged before me this	by
The loggoing instrument was acknowledged before me this	by
(Notary's official signature)	by

Assignment Page 5 of 8

DATE:	
Weidong Liu	
State of Colorado	
County of	
The foregoing instrument was acknowledged before me this	by
·	
(Notary's official signature)	
(Commission expiration date)	

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				Attorne	y Docket	No.: 4044	9-008600	/B22348/	138-07-US
Mike \	Welch			DATE:	6.7	20	(9		Mineral
State o	f Colorado								
County	ot $\overline{\mathcal{S}}^{\mathrm{cr}}$	dde <u>s</u>							
The for	egoing ins	trument was ac	knowledge	d before i	ne this _	June	4",	2019	by
Notary	s official	signature)	mm/mineren inc						
()	18/09	120,20							
Commi	ission expi	ration date)	***************************************	 -					
3	LEOBARDO NOTARY STATE OF (PUBLIC							

NOTARY ID 20164030265 MY COMMISSION EXPRIES AUGUST 09, 2020

Assignment Page 7 of 8

	Attorney Docket No.: 40449-0086001 B22348 / \$38-07-US
The Assignee hereby acknowledges and acce Assignee: AVISTA PHARMA SOLUTIONS	
Signature:	D-4
Name:	
Title:	
100031904.doc	

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