506084044 06/01/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6130760

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SALVACION CACATIAN	08/08/2017
DAVID A. CLAREMON	06/30/2017
LAWRENCE WAYNE DILLARD	07/26/2017
CHENGGUO DONG	07/06/2017
YI FAN	07/31/2017
LANQI JIA	07/06/2017
STEPHEN D. LOTESTA	07/05/2017
ANDREW MARCUS	07/21/2017
ANGEL MORALES-RAMOS	07/12/2017
SURESH B. SINGH	07/17/2017
SHANKAR VENKATRAMAN	09/07/2017
JING YUAN	07/11/2017
YAJUN ZHENG	07/06/2017
LINGHANG ZHUANG	07/17/2017

RECEIVING PARTY DATA

Name:	VITAE PHARMACEUTICALS, INC.
Street Address:	400 INTERPACE PARKWAY
City:	PARSIPPANY
State/Country:	NEW JERSEY
Postal Code:	07054

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16837421

CORRESPONDENCE DATA

Fax Number: (202)842-7899

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) 479-6656

Email: zippatentdocketingmailboxus@cooley.com

PATENT REEL: 052798 FRAME: 0827

506084044

Correspondent Name: COOLEY LLP, ATTN: PATENT GROUP Address Line 1: 1299 PENNSYLVANIA AVENUE, NW

Address Line 2: SUITE 700

Address Line 4: WASHINGTON, D.C. 20004

ATTORNEY DOCKET NUMBER:	SYND-702C01US 328730-2351
NAME OF SUBMITTER:	ERIC A. OWENS
SIGNATURE:	/Eric A. Owens/
DATE SIGNED:	06/01/2020

Total Attachments: 19

source=SYND-702-C01US Assignment Inventors-Vitae#page1.tif source=SYND-702-C01US Assignment Inventors-Vitae#page2.tif source=SYND-702-C01US Assignment Inventors-Vitae#page3.tif source=SYND-702-C01US_Assignment_Inventors-Vitae#page4.tif source=SYND-702-C01US Assignment Inventors-Vitae#page5.tif source=SYND-702-C01US Assignment Inventors-Vitae#page6.tif source=SYND-702-C01US Assignment Inventors-Vitae#page7.tif source=SYND-702-C01US Assignment Inventors-Vitae#page8.tif source=SYND-702-C01US Assignment Inventors-Vitae#page9.tif source=SYND-702-C01US_Assignment_Inventors-Vitae#page10.tif source=SYND-702-C01US Assignment Inventors-Vitae#page11.tif source=SYND-702-C01US Assignment Inventors-Vitae#page12.tif source=SYND-702-C01US_Assignment_Inventors-Vitae#page13.tif source=SYND-702-C01US_Assignment_Inventors-Vitae#page14.tif source=SYND-702-C01US Assignment Inventors-Vitae#page15.tif source=SYND-702-C01US Assignment Inventors-Vitae#page16.tif source=SYND-702-C01US_Assignment_Inventors-Vitae#page17.tif source=SYND-702-C01US Assignment Inventors-Vitae#page18.tif source=SYND-702-C01US Assignment Inventors-Vitae#page19.tif

> PATENT REEL: 052798 FRAME: 0828

ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, SALVACION CACATIAN, DAVID A. CLAREMON, LAWRENCE WAYNE DILLARD, CHENGGUO DONG, YI FAN, LANOI JIA, STEPHEN D. LOTESTA. ANDREW MARCUS, ANGEL MORALES-RAMOS, SURESH B. SINGH, SHANKAR VENKATRAMAN, JING YUAN, YAJUN ZHENG, and LINGHANG ZHUANG, each individually assign to VITAE PHARMACEUTICALS, INC., a corporation formed under the laws of Delaware and having a principal place of business at 400 Interpace Parkway, Parsippany, NJ 07054, and its successors, transferees, and assignees (collectively the "Assignee"), all of our individual and joint right, title, and interest throughout the world in the subject matter (the "Subject Matter") of a patent application that names us as inventors, together with Stephan D. Parent and Travis L Houston, is titled "INHIBITORS OF THE MENIN-MLL INTERACTION," and was filed in the United States Patent and Trademark Office on June 8, 2017, as application PCT/US2017/036506 (the "Application").

This Assignment assigns, and confirms any prior assignment of, (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, (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.

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: Ok MUL 17
COMMONWEALTH OF PENNSYLVANIA))SS:
COUNTY OF)
On this, the 3th day of August, 2017, before me a notary public, the undersigned officer, personally appeared, Salvation Cacatian known to me (or
officer, personally appeared, Salvation Cacatian known to me (or
satisfactorily proven) to be the person whose name is subscribed to the within instrument, and
acknowledged that he executed the same for the purposes therein contained.
In witness whereof, I hereunto set my hand and official seal.

COMMONWEALTH OF PENNSYLVANIA

NOTARIAL SEAL
KATE ALSOBROOK BOUFIDIS
Notary Public
PHILADELPHIA CITY, PHILADELPHIA CNTY
My Commission Expires Feb 3, 2018

Date: June 30, 20/7

David A. Claremon

COMMONWEALTH OF PENNSYLVANIA

COUNTY OF HONTGOMEN

On this, the 30 day of JUNE, 2017, before me a notary public, the undersigned officer, personally appeared, DADID A CLAREND known to me (or satisfactorily proven) to be the person whose name is subscribed to the within instrument, and acknowledged that he executed the same for the purposes therein contained.

In witness whereof, I hereunto set my hand and official seal.

COMMONWEALTH OF PENNSYLVANIA

Notary Public

NOTARIAL SEAL
Andres LA Howard, Notary Public
Upper Moreland Twp., Montgamery County
My Commission Expires Jan. 27, 2020
NEWSER PENSYLVANIA ASSOCIATION OF NOTARES

NOTARIAL SEAL
Margaret Rose Murphy-Kaufman, Notary Public
Warminster Twp., Bucks County
My Commission Expires Aug. 14, 2018
MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

Januar Wagne Dolls Date: 7/26/2017
Lawrence Wayne Dillard
COMMONWEALTH OF PENNSYLVANIA) COUNTY OF DUCKS)
On this, the <u>26</u> day of <u>July</u> , 2017, before me a notary public, the undersigned officer, personally appeared, <u>Lawrence Way or Dilard</u> known to me (or satisfactorily proven) to be the person whose name is subscribed to the within instrument, and
acknowledged that he executed the same for the purposes therein contained.
In witness whereof, I hereunto set my hand and official seal.
Notary Public
COMMONWEALTH OF PENNSYLVANIA

Chengguo Dong	Date: July 06, 2017
State of New York)) ss.:	
County of)	
On the day of	in the year 20 before me, the undersigned,
a Notary Public in and for said State, p	ersonally appeared,
personally known to me or proved to m	ne on the basis of satisfactory evidence to be the
	bscribed to the within instrument and acknowledged to
	in his/her/their capacity(ies), and that by his/her/their
	vidual(s), or the person upon behalf of which the
individual(s) acted, executed the instru	
	Notary Public
See a	Hacked Base

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

CIVIL CODE § 1189

document to which this certificate is attached, and not	cate verifies only the identity of the individual who signed the the truthfulness, accuracy, or validity of that document.
State of California)	
County ofOrange	
)	Maria M. Stein, Notary Public
On Tuly 6,2017 before me,	Wiaria Wi. Stelli, Notary Fublic
U Date	Here Insert Name and Title of the Officer
personally appeared Chengquo T	One.
	Name(s) of Signer(s)
subscribed to the within instrument and acknow	y evidence to be the person(s) whose name(s) is an wedged to me that he she/they executed the same in his/her/their signature(s) on the instrument 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.
MADIA II AT	
WARIA M. STEIN	WITNESS my hand and official acel
MARIA M. STEIN Commission # 2078909	WITNESS my hand and official seal.
Commission # 2078909 Notary Public - California	M1 - n. fa.
Commission # 2078909 Notary Public - California Orange County	Signature Maria M.
Commission # 2078909 Notary Public - California	11 - 21 10:
Commission # 2078909 Notary Public - California Orange County My Comm. Expires Sep 2, 2018 Place Notary Seal Above Though this section is optional, completing this	Signature Maria M.
Commission # 2078909 Notary Public - California Orange County My Comm. Expires Sep 2, 2018 Place Notary Seal Above Though this section is optional, completing this fraudulent reattachment of this	Signature of Notary Public PTIONAL is information can deter alteration of the document or
Commission # 2078909 Notary Public - California Orange County My Comm. Expires Sep 2, 2018 Place Notary Seal Above Though this section is optional, completing this fraudulent reattachment of this Description of Attached Document	Signature of Notary Public PTIONAL is information can deter alteration of the document or is form to an unintended document.
Place Notary Seal Above Place Notary Seal Above Though this section is optional, completing this fraudulent reattachment of this Description of Attached Document Fitle or Type of Document:	Signature of Notary Public Document Date:
Commission # 2078909 Notary Public - California Orange County My Comm. Expires Sep 2, 2018 Place Notary Seal Above Though this section is optional, completing this fraudulent reattachment of this Description of Attached Document Title or Type of Document: Signer(s) Other That	Signature of Notary Public Document Date:
Commission # 2078909 Notary Public - California Orange County My Comm. Expires Sep 2, 2018 Place Notary Seal Above Though this section is optional, completing this fraudulent reattachment of this Description of Attached Document Title or Type of Document: Sumber of Pages: Signer(s) Other That Capacity(ies) Claimed by Signer(s) Signer's Name:	Signature of Notary Public Document Date:
Place Notary Seal Above Place Notary Seal Above Though this section is optional, completing this fraudulent reattachment of this fraudulent reattachment of this Section of Attached Document Title or Type of Document: Sumber of Pages: Signer(s) Other That Capacity(ies) Claimed by Signer(s) Gorporate Officer — Title(s):	Signature
Place Notary Seal Above Place Notary Seal Above Though this section is optional, completing this fraudulent reattachment of this fraudulent reattachment of this Signer(s) Other That Capacity(ies) Claimed by Signer(s) Corporate Officer — Title(s): Partner — Limited General	Signature of Notary Public Si
Commission # 2078909 Notary Public - California Orange County My Comm. Expires Sep 2, 2018 Place Notary Seal Above Though this section is optional, completing this fraudulent reattachment of this Oescription of Attached Document Fitle or Type of Document: Signer Signer(s) Other That Capacity(ies) Claimed by Signer(s) Signer's Name: Corporate Officer — Title(s): Partner — Limited General Individual Attorney in Fact	Signature of Notary Public Si
Place Notary Seal Above Place Notary Seal Above Though this section is optional, completing this fraudulent reattachment of this fraudulent reattachment of this Signer(s) Other That Capacity(ies) Claimed by Signer(s) Corporate Officer — Title(s): Partner — Limited General	Signature of Notary Public Individual Signature of Notary Public Signature of Nota

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PATENT REEL: 052798 FRAME: 0834

COMMONWEALTH OF PENNSYLVANIA)
COUNTY OF Bucks)SS:
On this, the 3 day of 100, 207, before me a notary public, the undersigned officer, personally appeared (or
officer, personally appeared,known to me (or
satisfactorily proven) to be the person whose name is subscribed to the within instrument, and
acknowledged that he executed the same for the purposes therein contained.
In witness whereof, I hereunto set my hand and official seal. Notary Public
*\\\\$\$\$\\\$\\\$\\\$\\\$\\\$\\\$\\\$\\\$\\\$\\\$\\\$

NOTARIAL SEAL
KATHLEEN BRADFIELD, Notary Public
Warmineter Twp., Bucks County
Ny Commission Expires October 31, 2017

	nte: July 6, 2017
Langi-fia	<i>y</i> , , , , , , , , , , , , , , , , , , ,
COMMONWEALTH OF PENNSYLVANIA COUNTY OF))SS:)
On this, theday of) 17, before me a notary public, the undersigned
satisfactorily proven) to be the person whose nar	ne is subscribed to the within instrument, and
acknowledged that he executed the same for the	purposes therein contained.
In witness whereof, I hereunto set my hand and	official scal.
Swam to and subscribed before me	
this L day of July, 201.7	LORETTA W MCALE, NOTARY PUBLIC Doylestown, Bucks County My Commission Express December 17, 2018
Commonwealth of Pennsylvania	,
county of Bicks	

	Date: $7/5/2017$
Stephen D. Lotesta	
State of New Jersey)	
County of Hudson,)ss	
On <u>July 5</u> , 20 <u>17</u> before me,	Kevin Crisson, Notary Public Stephen Loteston, who
in and for said county, personally appeared _	Stephen Lotesta, who
has/have satisfactorily identified him/her/then	mselves as the signer(s) or/witness(es) to the above-
referenced document.	1 Carella
	/ Cluber
	Notary Public Signature
My Commission	on Expires: Kevin D. Crisson
	Commission # 2316530
	Notary Public, State of New Jersey

Andrew Marcus	Date: 7/21/2017
COMMONWEALTH OF PENNSYLVANIA))SS:)
officer, personally appeared, Androw	name is subscribed to the within instrument, and
In witness whereof, I hereunto set my hand ar	nd official/seal. Notary/Public

COMMONWEALTH OF PENNSYLVANIA

NOTARIAL SEAL MARBILLA K HILL Notary Public UPPER MERION TWP, MONTGOMERY COUNTY My Commission Expires Nov 23, 2020

Assignment Page 9 of 16

7 7/21/17

Angel Morales-Ramos	Date: 12,2017
COMMONWEALTH OF PENNSYLV	/ANIA))SS:
COUNTY OF Monsgomery	
officer, personally appeared, <u>Auge/</u>	, 20/7, before me a notary public, the undersigned Lean Morals Rames known to me (or whose name is subscribed to the within instrument, and ne for the purposes therein contained.
In witness whereof, I bereunto set my l	nand and official scal. Notary Public
	COMMONWEALTH OF PENNSYLVANIA NOTAGOAL SEAL BETH MINHEE FANNON, Notary Public East Nortion Top., Montgomery County My Commission Expires December 2, 2017

Suresh B. Singh	Date: <u>27/17/17</u>	
State of New Jersey))ss County of M: Week ,		
On July 17, 20 12 before n in and for said county, personally appea	ared Suresh B. Singh.	, Notary Public
has/have satisfactorily identified him/horeferenced document.	er/themselves as the signer(s) or/v	vitness(es) to the above-
	Notice Signa	
My Comi	mission Expires: July 15, 2.	<u> 220</u>

JOON YOUNG AHN
NOTARY PUBLIC
State of New Jersey
My Commission Expires July 15, 2020

Olan L V Date: Sept. 1 20/2
Shankar Venkatraman
COMMONWEALTH OF MASSACHUSETTS))SS: COUNTY OF SUFFOLK)
On this, the7 th day of <u>September</u> , 20 <u>17</u> , before me a notary public, the undersigned
officer, personally appeared, Shankar Venkatraman known to me (or
eatisfactorily proven) to be the person whose name is subscribed to the within instrument, and
acknowledged that he executed the same for the purposes therein contained.
in witness whereof, I hereunto set my hand and official seal.
Quy a For-
Notary Public
Cheryl A. Forrest
My Commission Expires: 10/26/2023
CHERYL A FORREST Notary Public Commonwealth of Manual Assess

	ie: 7/11/2017
Jing Yuan	
COMMONWEALTH OF PENNSYLVANIA))\$\$:
COUNTY OF)
On this, the 1124 day of 344, 201	, before me a notary public, the undersigned
officer, personally appeared, 3+uc Yuan	known to me (or
satisfactorily proven) to be the person whose nam	ne is subscribed to the within instrument, and
acknowledged that he executed the same for the p	
In witness whereof, I hereunto set my hand and o	fficial seal.
	ary Public

NOTARIAL SEAL
Sean Paul Dougal, Notary Public
Upper Moreland Township, Montgomery County
My Commission Expires April 07, 2020

Jazin Zhens	Date: July 6, 2017
Yajun Zheng	
State of Delaware.	
County of	
This instrument was acknowledged before m	le on
03	•
	(Signature of Notarial Officer)
	(Title and Rank)
	(My commission expires:)
See atta	ched page

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

CIVIL CODE § 1189

A notary public or other officer completing this certific document to which this certificate is attached, and not to	eate verifies only the identity of the individual who signed the the truthfulness, accuracy, or validity of that document.
State of California	
County of Orange	
	Maria M. Stein, Notary Public
On July 6,2017 before me,	
Date	Here Insert Name and Title of the Officer
personally appeared Vajun Zhu	-8
O	Name(s) of Signer(s)
subscribed to the within instrument and acknow	vevidence to be the person(s) whose name(s) is/are vledged to me that he/she/they executed the same in his/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.
MARIA M. STEIN	WITNESS my hand and official seal.
Commission # 2078909 Notary Public - California	
Orange County	Signature Mana M. Dt.
My Comm. Expires Sep 2, 2018	Signature of Notary Public
Place Notary Seal Above	
	TIONAL and deter alteration of the document or
	s form to an unintended document.
Description of Attached Document	
Title or Type of Document:	Document Date:
Number of Pages: Signer(s) Other That	
Capacity(ies) Claimed by Signer(s)	
Signer's Name: ☐ Corporate Officer — Title(s):	Signer's Name:
☐ Corporate Officer — Title(s):	☐ Corporate Officer — Title(s):
☐ Partner — ☐ Limited ☐ General ☐ Individual ☐ Attorney in Fact	☐ Partner — ☐ Limited ☐ General
☐ Trustee ☐ Guardian or Conservator	☐ Individual ☐ Attorney in Fact ☐ Guardian or Conservator
Other:	
Signer Is Representing:	Signer Is Representing:

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PATENT REEL: 052798 FRAME: 0844

1785 25 pate: 7/17/2017
Linghang Zhuang
COMMONWEALTH OF PENNSYLVANIA) NEW JERSEY SS:
)\$\$:
COUNTY OF MIDDLESEX F
On this, the
officer, personally appeared, LING: HRNG, ZHUANG, known to me (or
satisfactorily proven) to be the person whose name is subscribed to the within instrument, and
acknowledged that he executed the same for the purposes therein contained.
In witness whereof, I hereunto set my hand and official seal.
M. Merika & S
Notary Public

MANIMALA MUNIAPPAN NOTARY PUBUC OF NEW JERSEY Comm. # 2458045 Ny Commission Expires 1/3/2022

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

CIVIL CODE § 1189

A notary public or other officer completing this certificate document to which this certificate is attached, and not the	ate verifies only the identity of the individual who signed the he truthfulness, accuracy, or validity of that document.
State of California) County of Orange) On July 6,2017 before me, Date personally appeared Yajun Zhu	Maria M. Stein, Notary Public Here Insert Name and Title of the Officer Name(s) of Signer(s)
subscribed to the within instrument and acknow	evidence to be the person(s) whose name(s) (s/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.
MARIA M. STEIN Commission # 2078909 Notary Public - California	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. Signature of Notary Public
Place Notary Seal Above	T/ONA/
Though this section is optional, completing this	TIONAL information can deter alteration of the document or form to an unintended document.
Description of Attached Document Title or Type of Document: Number of Pages: Signer(s) Other Tha	
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: Signer Is Representing:

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PATENT REEL: 052798 FRAME: 0846

the Assignee nereby acknowledges and accepts the foregoing assignment.	
Assignee: VITAE PHARMACEUTICALS, TNC.	
Signature: Date: _	7/31/2011
Name: Yi Fan	
Title:	
Rennequante State of New Jersey (B))ss County of Bucks,) On July 31, 2017 before me, WATH (EN BRADFIELL)	
in and for said county, personally appeared Y Fan	, who
has/have satisfactorily identified him/her/themselves as the signer(s) or/wit	
referenced document.	
Notary Public Signatur	<u>c</u>
My Commission Expires: 10.31-20	2(7
COMMONWEALTH OF PENNSYLVANIA NOTARIAL SEAL KATHLEEN BRADFIELD, Notery Public Warminster Twp., Bucks County Commission Express October 31, 2017	

Assignment Page 16 of 16