

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4711668

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
DEQIANG NIU	12/15/2011
RUSSELL C. PETTER	12/15/2011
JUSWINDER SINGH	12/15/2011
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	AVILA THERAPEUTICS, INC.
<b>Street Address:</b>	45 WIGGINS AVENUE
<b>City:</b>	BEDFORD
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	01730
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15706031
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(617)502-5002
<i>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.</i>	
<b>Phone:</b>	617-248-5000
<b>Email:</b>	PatentDocket@choate.com
<b>Correspondent Name:</b>	CHOATE HALL & STEWART LLP-PATENT DOCKET
<b>Address Line 1:</b>	TWO INTERNATIONAL PLACE
<b>Address Line 4:</b>	BOSTON, MASSACHUSETTS 02110
<b>ATTORNEY DOCKET NUMBER:</b>	2007878-0791
<b>NAME OF SUBMITTER:</b>	MICHAEL A. SHINALL
<b>SIGNATURE:</b>	/Michael A. Shinall/
<b>DATE SIGNED:</b>	11/30/2017
<b>Total Attachments: 5</b>	
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source=2007878_0791_Assignment_Avila#page4.tif	



**JOINT ASSIGNMENT**

WHEREAS, each of the below-named inventors whose name and residence is set forth in the following Table 1:

<b>Inventor Name</b>	<b>City, State</b>
<b>1. Deqiang Niu</b>	Lexington, MA
<b>2. Russell C. Petter</b>	Stow, MA
<b>3. Juswinder Singh</b>	Ashland, MA

Table 1

hereby declares and agrees, on behalf of himself/herself and all of his/her successors and assigns that each is aware of the patent applications entitled:

**HETEROCYCLIC COMPOUNDS AND USES THEREOF; and**

- prepared for filing in the United States Patent and Trademark Office; or
- identified by United States Application Serial No. **13/286,062** filed in the United States Patent and Trademark Office on **October 31, 2011**; and
- and am also aware of the following priority applications:

- Serial No.: 61/409,074; Filed: November 1, 2010**
- Serial No.: 61/411,834; Filed: November 9, 2010**
- Serial No.: 61/412,324; Filed: November 10, 2010**
- Serial No.: 61/534,306; Filed: September 13, 2011**

WHEREAS **Avila Therapeutics, Inc.** (hereinafter "ASSIGNEE"), having a usual place of business at **45 Wiggins Avenue, Bedford, MA 01730**, desires to acquire or confirm an interest therein;

NOW, THEREFORE, to all whom it may concern be it known that, in consideration of agreements previously and duly entered into between the parties, and/or for other good and valuable consideration, the receipt of which is hereby acknowledged, I have sold, assigned, and transferred and/or do hereby sell, assign, and transfer unto said ASSIGNEE, its successors, assigns, and legal representatives, my entire right, title, and interest in and throughout the United States of America, its territories and all foreign countries, in and to any and all inventions described in the patent application, and/or any priority applications noted above; and hereby confirm that my sale, assignment, and/or transfer is and was effective at least as of the filing date of the patent application and/or priority application. My sale, assignment and/or transfer applies to the above-referenced patent application, and to any application that is based in whole or in part on the patent application, including to divisional, continuing, substitute, renewal, reissue, reexamination and other applications, for example that claim priority to the patent application. Also, this sale, assignment, transfer pertains to any and all other rights arising under or pursuant

to any and all international agreements, treaties, or laws relating to the protection of industrial property, including all rights of priority under the International Convention for the Protection of Industrial Property, and in and to any such patent(s) as may issue thereon including any and all original and reissued patents which have been or shall be issued in the United States and foreign countries; said inventions, applications, and patent(s) to be held and enjoyed by ASSIGNEE for its own use and for its successors, assigns and legal representatives, to the full end of the term for which said patent(s) may be granted as fully and entirely as the same would have been held by me had this sale, assignment and transfer not been made;

AND, I hereby acknowledge that this Assignment, being of my entire right, title, and interest in and to the inventions, carries with it the right in ASSIGNEE, by attorneys and agents of ASSIGNEE selection, to apply for and receive any and all patent(s) for said inventions in its own name;

AND, I hereby further agree for myself and my executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the patent(s) to ASSIGNEE, its successors, assignees, and legal representatives, but at its expense and charges, including the execution of application for patents in foreign countries, the execution of substitution, reissue, divisional or continuation applications, and the giving of testimony, preliminary statements, or other statements in any interference or other proceeding in which the inventions or any applications or patents directed to the inventions may be involved by communicating to the ASSIGNEE all facts I know relating to the inventions and their history, and generally by doing everything possible which ASSIGNEE shall consider desirable for aiding in securing and maintaining proper patent protection for the inventions and for vesting title in the inventions and all applications for patent and all patents on the inventions in ASSIGNEE;

AND, I further hereby authorize ASSIGNEE or its attorneys or agents to insert the correct serial number(s) and/or filing date(s) into this assignment document, if appropriate;

AND, I hereby appoint ASSIGNEE as my common agent for purposes of prosecuting international patent applications and any national patent applications for which such common agency is recognized;

AND, I hereby request the Director of Patents and Trademarks of the United States to issue any and all patent(s) as shall be granted upon said application or applications based thereon to ASSIGNEE, its successors, assigns, and legal representatives;

AND, I covenant with said ASSIGNEE that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by me, and that full right to convey the same as herein expressed is possessed by me.

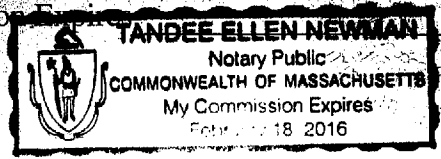
SIGNED this 15th day of December, 20 11.

[Signature]  
Name: Deqiang Niu

STATE OF Massachusetts SS.  
COUNTY OF Middlesex

Before me this 15 day of December, 20 11, personally appeared Deqiang Niu, and proved to me through satisfactory evidence of identity which was personally known to be the person whose name is signed on the preceding or attached document, and acknowledged that he/she executed the same, of his/her own free will and for the purposes set forth.

NOTARY PUBLIC  
[Signature]  
Name: \_\_\_\_\_  
My Commission Expires \_\_\_\_\_

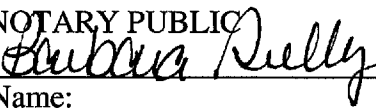


SIGNED this 15<sup>th</sup> day of December, 2011.

  
Name: Russell C. Petter

STATE OF MA  
COUNTY OF Middlesex SS.

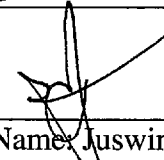
Before me this 15<sup>th</sup> day of December, 2011, personally appeared Russell C. Petter, and proved to me through satisfactory evidence of identity which was personally known to be the person whose name is signed on the preceding or attached document, and acknowledged that he/she executed the same, of his/her own free will and for the purposes set forth.

NOTARY PUBLIC  
  
Name: \_\_\_\_\_  
My Commission Expires: \_\_\_\_\_



**BARBARA RIELLY**  
Notary Public  
Commonwealth of Massachusetts  
My Commission Expires  
September 28, 2018

SIGNED this 15<sup>th</sup> day of DEC, 2011.

  
Name: Juswinder Singh

STATE OF MA SS.

COUNTY OF Middlesex

Before me this 15 day of December, 2011, personally appeared Juswinder Singh, and proved to me through satisfactory evidence of identity which was personally known to be the person whose name is signed on the preceding or attached document, and acknowledged that he/she executed the same, of his/her own free will and for the purposes set forth.

NOTARY PUBLIC  


Name: \_\_\_\_\_

My Commission Expires: \_\_\_\_\_



**BARBARA RIELLY**  
Notary Public  
Commonwealth of Massachusetts  
My Commission Expires  
**September 28, 2018**