

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4845150

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
GEORGE D. HARTMAN	05/05/2015
SCOTT KUDUK	07/27/2015
RECEIVING PARTY DATA	
Name:	NOVIRA THERAPEUTICS, INC.
Street Address:	3805 OLD EASTON ROAD
City:	DOYLESTOWN
State/Country:	PENNSYLVANIA
Postal Code:	18902
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15852755
CORRESPONDENCE DATA	
Fax Number:	(857)300-4001
<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>	
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Correspondent Name:	BRIAN C. TRINQUE
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Address Line 2:	28 STATE STREET
Address Line 4:	BOSTON, MASSACHUSETTS 02109
ATTORNEY DOCKET NUMBER:	598289: NTT-014CON3
NAME OF SUBMITTER:	BRIAN C. TRINQUE
SIGNATURE:	/BRIAN C. TRINQUE/
DATE SIGNED:	02/28/2018
Total Attachments: 6	
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ASSIGNMENT

WHEREAS, I, **George D. Hartman** of Lansdale, Pennsylvania, a citizen of the United States of America have invented a certain new and useful invention(s), described in the following patent application:

**AZEPANE DERIVATIVES AND METHODS OF TREATING
HEPATITIS B INFECTIONS
U.S. Serial No.: 14/694,147, filed April 23, 2015**

for which I am about to make or have made application for Patent of the United States;
and

WHEREAS, **NOVIRA THERAPEUTICS, INC.**, (hereinafter referred to as Assignee) a corporation having its principal place of business at 3805 Old Easton Road, Doylestown, PA 18902, is desirous of acquiring all rights, title and interests in and to said invention, said applications, and in and to any and all patents which may be granted for or upon said invention and applications in the United States of America and anywhere in the world.

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I, as Assignor, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my entire right, title, and interest in and to this invention, and this patent application, and all divisions, and continuations thereof, and all Patents of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority in any foreign country on the basis of the above patent application (if any), as well as all rights to claim priority on the basis of this application in any foreign country, and all applications for patent which may hereafter be filed for this invention in any foreign country and all patents which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and I hereby authorize and request the Director of the United States Patent and Trademark Office and any official of any foreign country whose duty it is to issue patents

on applications as described above, to issue all patents for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I HEREBY covenant that I have the full right to convey the interest assigned by this Assignment, and I have not executed and will not execute any agreement in conflict with this Assignment;

AND, I HEREBY further covenant and agree that I will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns;

AND, I HEREBY authorize and request, if necessary, that the attorneys having Power of Attorney in this application, insert above the filing date and application number of said application when known.

ALL of the above shall be held and enjoyed by said **NOVIRA THERAPEUTICS, INC.**, for its own use and benefit, and for its successors, legal representatives and assigns, to the full end of the term for which said patent may be granted, and I do hereby authorize and request the Commissioner of Patents and Trademarks to issue the patent in accordance with this Assignment.

This assignment to have effect as of the filing date of April 23, 2015.

May 5, 2015
Date:

George D. Hartman
George D. Hartman

Signed in my presence and acknowledged to be an assignment of the application herein above referred to:

WITNESS

Michelle Zagorjny
Name

Michelle Zagorjny
Signature

May 5th 2015
Date

ASSIGNMENT

WHEREAS, I, **Scott Kuduk of Harleysville, Pennsylvania**, a citizen of the **United States of America**, have invented a certain new and useful invention, described in the following patent application:

AZEPANE DERIVATIVES AND METHODS OF TREATING HEPATITIS B INFECTIONS
U.S. Patent Application No. 14/511,964, filed October 10, 2014

for which I am about to make or have made application for Patent of the United States; and

WHEREAS, **NOVIRA THERAPEUTICS, INC.**, (hereinafter referred to as Assignee) a corporation having its principal place of business at 3805 Old Easton Road, Doylestown, Pennsylvania 18902, is desirous of acquiring all rights, title and interests in and to said invention, said applications, and in and to any and all patents which may be granted for or upon said invention and applications in the United States of America and anywhere in the world.

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I, as Assignor, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention, and this patent application, and all divisions, and continuations thereof, and all Patents of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority in any foreign country on the basis of the above patent application (if any), as well as all rights to claim priority on the basis of this application in any foreign country, and all applications for patent which may hereafter be filed for this invention in any foreign country and all patents which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and I hereby authorize and request the Director of the United States Patent and Trademark Office and any official of any foreign country whose duty it is to issue patents on applications as

described above, to issue all patents for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I HEREBY covenant that I have the full right to convey the interest assigned by this Assignment, and I have not executed and will not execute any agreement in conflict with this Assignment;

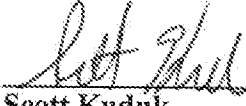
AND, I HEREBY further covenant and agree that I will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns;

AND, I HEREBY authorize and request, if necessary, that the attorneys having Power of Attorney in this application, insert above the filing date and application number of said application when known.

ALL of the above shall be held and enjoyed by said **NOVIRA THERAPEUTICS, INC.**, for its own use and benefit, and for its successors, legal representatives and assigns, to the full end of the term for which said patent may be granted, and I do hereby authorize and request the Commissioner of Patents and Trademarks to issue the patent in accordance with this Assignment.

This assignment to have effect as of the filing date October 10, 2014.

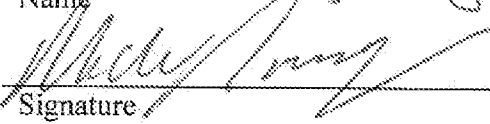
27-31-2015
Date:


Scott Kuduk

Signed in my presence and acknowledged to be an assignment of the application herein above referred to:

WITNESS

Michelle Zagnajny
Name


Signature

7-27-15
Date