

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4394455

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	JARON ACKER	07/11/2016
	MUHAMMAD ASIF	09/29/2016
	CRAIG FLANAGAN	07/19/2016
	DOUGLAS ALAN GREENE	07/06/2016
	SARAH JAYNE RIDLEY	07/06/2016
	FRANK KENNETH SCHWEIGHARDT	07/05/2016
	LIEN-LUNG SHEU	07/06/2016
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	INO THERAPEUTICS LLC	
<b>Street Address:</b>	10 N. HIGH STREET	
<b>City:</b>	WEST CHESTER	
<b>State/Country:</b>	PENNSYLVANIA	
<b>Postal Code:</b>	19380	
<b>PROPERTY NUMBERS Total: 1</b>		
<b>Property Type</b>	<b>Number</b>	
<b>Application Number:</b>	14712419	
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(203)782-2889	
<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>	2125512616	
<b>Email:</b>	JHall@wiggin.com	
<b>Correspondent Name:</b>	JONATHAN D. HALL	
<b>Address Line 1:</b>	WIGGIN AND DANA LLP	
<b>Address Line 2:</b>	ONE CENTURY TOWER, P.O. BOX 1832	
<b>Address Line 4:</b>	NEW HAVEN, CONNECTICUT 06508-1832	
<b>ATTORNEY DOCKET NUMBER:</b>	103942-100	
<b>NAME OF SUBMITTER:</b>	JONATHAN D. HALL	
<b>SIGNATURE:</b>	/Jonathan D. Hall/	
<b>DATE SIGNED:</b>	05/02/2017	

PATENT

**Total Attachments: 9**

source=103942\_Assignment#page1.tif

source=103942\_Assignment#page2.tif

source=103942\_Assignment#page3.tif

source=103942\_Assignment#page4.tif

source=103942\_Assignment#page5.tif

source=103942\_Assignment#page6.tif

source=103942\_Assignment#page7.tif

source=103942\_Assignment#page8.tif

source=103942\_Assignment#page9.tif

**ASSIGNMENT**

WHEREAS, We, Jaron Acker, residing at 350 S. Hamilton Street, Unit 1103, Madison, Wisconsin 53703; Muhammad Asif, residing at 6 Alexandra Drive, New Fairfield, Connecticut 06812; Craig Flanagan, residing at 1424 Sommers Street, Belmar, New Jersey 07719; Douglas Alan Greene, residing at 51 Darren Drive, Basking Ridge, New Jersey 07920; Sarah Jayne Ridley, residing at 689 Belvidere Road, Philipsburg, New Jersey 08865; Frank Kenneth Schweighardt, residing at 15 Bastian Lane, Allentown, Pennsylvania 18104-9558; and Lien-Lung Sheu, residing at 106 Wentworth Drive, Berkeley Heights, New Jersey 07922, have invented certain new and useful improvements in SYSTEMS AND METHODS FOR INDICATING LIFETIME OF AN NO<sub>2</sub>-TO-NO REACTOR CARTRIDGE USED TO DELIVER NO FOR INHALATION THERAPY TO A PATIENT for which we:

- ☐ have executed an application for Letters Patent of the United States of even date herewith;
- ☒ have filed an application for Letters Patent of the United States on May 14, 2015 under Serial No. 14/712,419; and

WHEREAS, INO Therapeutics LLC, organized under the laws of Delaware, having its principal place of business at Perryville III Corporate Park, 53 Frontage Road, Third Floor, Hampton, New Jersey 08827-9001, is desirous of obtaining the entire right, title, and interest in, to and under said improvements and said application and be the Applicant thereof;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto said INO Therapeutics LLC, its successors, legal representatives, and assigns the entire right, title, and interest in, to and under said improvements, and said application and all divisions, renewals, and continuations thereof, and all Letters Patent of the United States which may be granted thereon or claim priority therefrom and all reissues and extensions thereof, and all applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements or claim priority therefrom in any country or countries foreign to the United States and all extensions, renewals, and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States

and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patents for said improvements to said INO Therapeutics LLC, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY further assign and transfer to INO Therapeutics LLC all priority rights derived from such application therefore by virtue of the International Convention for the Protection of Industrial Property for any and all member countries of the aforesaid International Convention and do hereby assign and transfer to INO Therapeutics LLC the sole right to file further applications for patents under the patent laws of any country of the world based on any improvements disclosed in said application as fully and entirely as the same would have been held by we had this assignment not been made.

AND WE HEREBY covenant that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to said INO Therapeutics LLC, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths, and generally do everything possible to aid said, its successors, legal representatives and assigns to obtain and enforce proper patent protection for said improvements in all countries.

AND WE HEREBY grant the law firm of Wiggin and Dana LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for the recordation of this document.

THE REMAINDER OF THIS PAGE HAS BEEN INTENTIONALLY LEFT BLANK.  
SIGNATURE PAGE FOLLOWS.

IN TESTIMONY WHEREOF, We hereunto set our hands the day and year set opposite our  
signatures.

\_\_\_\_\_  
Jaron Acker

Date: 07/11/2016

\_\_\_\_\_  
Muhammad Asif

Date: \_\_\_\_\_

\_\_\_\_\_  
Craig Flanagan

Date: \_\_\_\_\_

\_\_\_\_\_  
Douglas Alan Greene

Date: \_\_\_\_\_

\_\_\_\_\_  
Sarah Jayne Ridley

Date: \_\_\_\_\_

\_\_\_\_\_  
Frank Kenneth Schweighardt

Date: \_\_\_\_\_

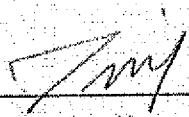
\_\_\_\_\_  
Lien-Lung Sheu

Date: \_\_\_\_\_

25134/1/3466044.1

IN TESTIMONY WHEREOF, We hereunto set our hands the day and year set opposite our signatures.

\_\_\_\_\_  
Jaron Acker Date: \_\_\_\_\_

  
\_\_\_\_\_  
Muhammad Asif Date: 9/29/2016

\_\_\_\_\_  
Craig Flanagan Date: \_\_\_\_\_

\_\_\_\_\_  
Douglas Alan Greene Date: \_\_\_\_\_

\_\_\_\_\_  
Sarah Jayne Ridley Date: \_\_\_\_\_

\_\_\_\_\_  
Frank Kenneth Schweighardt Date: \_\_\_\_\_

\_\_\_\_\_  
Lien-Lung Sheu Date: \_\_\_\_\_

25134/1/3466044.1

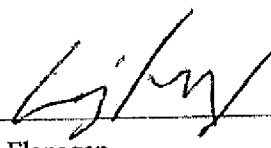
IN TESTIMONY WHEREOF, We hereunto set our hands the day and year set opposite our signatures.

\_\_\_\_\_  
Jaron Acker

Date: \_\_\_\_\_

\_\_\_\_\_  
Muhammad Asif

Date: \_\_\_\_\_

  
\_\_\_\_\_  
Craig Flanagan

Date: 09/19/2016

\_\_\_\_\_  
Douglas Alan Greene

Date: \_\_\_\_\_

\_\_\_\_\_  
Sarah Jayne Ridley

Date: \_\_\_\_\_

\_\_\_\_\_  
Frank Kenneth Schweighardt

Date: \_\_\_\_\_

\_\_\_\_\_  
Lien-Lung Sheu

Date: \_\_\_\_\_

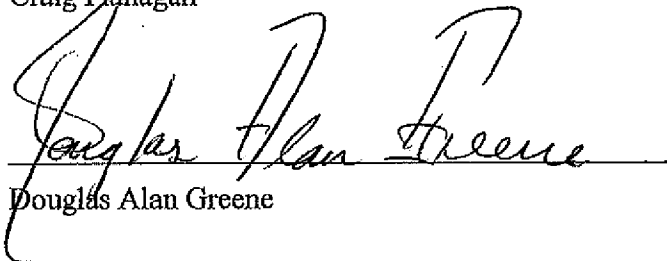
25134/1/3466044.1

IN TESTIMONY WHEREOF, We hereunto set our hands the day and year set opposite our signatures.

\_\_\_\_\_  
Jaron Acker Date: \_\_\_\_\_

\_\_\_\_\_  
Muhammad Asif Date: \_\_\_\_\_

\_\_\_\_\_  
Craig Flanagan Date: \_\_\_\_\_

  
Douglas Alan Greene Date: July 6, 2016

\_\_\_\_\_  
Sarah Jayne Ridley Date: \_\_\_\_\_

\_\_\_\_\_  
Frank Kenneth Schweighardt Date: \_\_\_\_\_

\_\_\_\_\_  
Lien-Lung Sheu Date: \_\_\_\_\_

25134/1/3466044.1



IN TESTIMONY WHEREOF, We hereunto set our hands the day and year set opposite our  
signatures.

\_\_\_\_\_  
Jaron Acker

Date: \_\_\_\_\_

\_\_\_\_\_  
Muhammad Asif

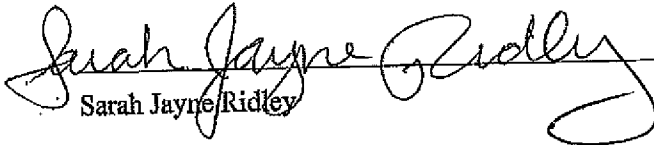
Date: \_\_\_\_\_

\_\_\_\_\_  
Craig Flanagan

Date: \_\_\_\_\_

\_\_\_\_\_  
Douglas Alan Greene

Date: \_\_\_\_\_

  
Sarah Jayne Ridley

Date: 7/6/16

\_\_\_\_\_  
Frank Kenneth Schweighardt

Date: \_\_\_\_\_

\_\_\_\_\_  
Lien-Lung Sheu

Date: \_\_\_\_\_

25134/1/3466044.1

IN TESTIMONY WHEREOF, We hereunto set our hands the day and year set opposite our signatures.

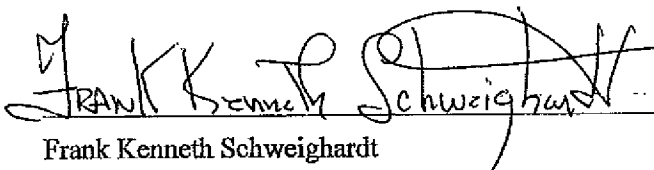
\_\_\_\_\_  
Jaron Acker  
Date: \_\_\_\_\_

\_\_\_\_\_  
Muhammad Asif  
Date: \_\_\_\_\_

\_\_\_\_\_  
Craig Flanagan  
Date: \_\_\_\_\_

\_\_\_\_\_  
Douglas Alan Greene  
Date: \_\_\_\_\_

\_\_\_\_\_  
Sarah Jayne Ridley  
Date: \_\_\_\_\_

  
Frank Kenneth Schweighardt  
Date: 5 July 2016

\_\_\_\_\_  
Lien-Lung Sheu  
Date: \_\_\_\_\_

25134/1/3466044.1

IN TESTIMONY WHEREOF, We hereunto set our hands the day and year set opposite our signatures.

\_\_\_\_\_  
Jaron Acker

Date: \_\_\_\_\_

\_\_\_\_\_  
Muhammad Asif

Date: \_\_\_\_\_

\_\_\_\_\_  
Craig Flanagan

Date: \_\_\_\_\_

\_\_\_\_\_  
Douglas Alan Greene

Date: \_\_\_\_\_

\_\_\_\_\_  
Sarah Jayne Ridley

Date: \_\_\_\_\_

\_\_\_\_\_  
Frank Kenneth Schweighardt

Date: \_\_\_\_\_

  
Lien-Lung Sheu

Date: July 6, 2016

25134/1/3466044.1