

<b>PATENT ASSIGNMENT COVER SHEET</b>
--------------------------------------

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3361956

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
SWAMINADHAN GNANSHANMUGAM	03/01/2013
JONATHAN COE	03/01/2013
INSOO SUH	03/01/2013
JEREMY CHRISTOPHER KOEHLER	03/01/2013
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY
<b>Street Address:</b>	3000 EL CAMINO REAL
<b>Internal Address:</b>	BUILDING 5, 3RD FLOOR
<b>City:</b>	PALO ALTO
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94306
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14685520
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(949)625-8955
<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>	714-449-8433
<b>Email:</b>	wae@viplawgroup.com
<b>Correspondent Name:</b>	VISTA IP LAW GROUP LLP
<b>Address Line 1:</b>	2040 MAIN STREET
<b>Address Line 2:</b>	SUITE 710
<b>Address Line 4:</b>	IRVINE, CALIFORNIA 92614
<b>ATTORNEY DOCKET NUMBER:</b>	STFD-S12-046-050.2
<b>NAME OF SUBMITTER:</b>	WILLIAM A. ENGLISH
<b>SIGNATURE:</b>	/william a english/
<b>DATE SIGNED:</b>	05/20/2015
<b>Total Attachments: 3</b>	

source=ExecAssignment\_STFDS12406050\_2#page1.tif  
source=ExecAssignment\_STFDS12406050\_2#page2.tif  
source=ExecAssignment\_STFDS12406050\_2#page3.tif

## ASSIGNMENT OF PATENT APPLICATIONS

WHEREAS, we, SWAMINADHAN GNANSHANMUGAM, JONATHAN COE, INSOO SUH, and JEREMY CHRISTOPHER KOEHLER, citizens of the United States (hereinafter referred to as "ASSIGNORS"), have invented, own, and are named inventors on one or more of the applications identified in Exhibit A; and

WHEREAS, THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, a university organized and existing under and by virtue of the laws of the state of California and having its principal place of business at 1705 El Camino Real, Palo Alto, CA 94306 (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the exclusive right, title and interest in, to and under said inventions and in, to and under any Patent or similar legal protection to be obtained therefor in the United States of America, its territorial possessions and in any and all countries foreign thereto.

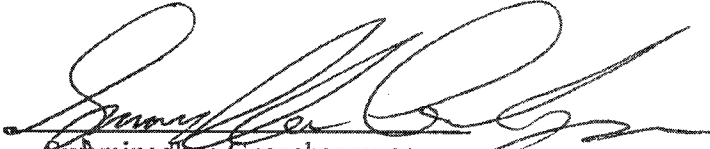
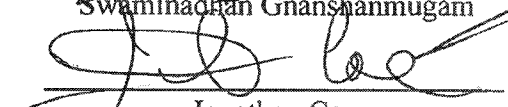
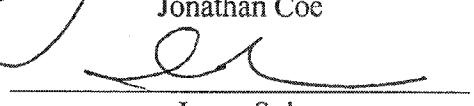

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign, transfer, and set over unto said ASSIGNEE, its successors and assigns, the full and exclusive right, title and interest to said inventions, to the extent that each of the ASSIGNORS is an inventor thereof, and to all Letters Patent or applications or similar legal protection, not only in the United States and its territorial possessions, but in all countries foreign thereto to be obtained for said invention by said applications, and to any continuations, divisions, renewals, substitutes or reissues thereof or any legal equivalent thereof in the United States or a foreign country for the full term or terms for which the same may be granted, including all priority rights under the International Convention; and ASSIGNORS hereby authorize and request the United States Commissioner of Patents and

Trademarks, and any officials of foreign countries whose duty it is to issue patents or any legal equivalent thereof, to issue said patents to ASSIGNEE, its successors and assigns, in accordance with this Assignment.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Agreement;

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said applications, said inventions and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNORS and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said applications, said inventions and said Letters Patent and said equivalents in the United States or in any foreign country, which may be necessary or desirable to carry out the purposes thereof.

3/1/13  
Date  
3/1/13  
Date  
3/1/13  
Date  
3/1/13  
Date

  
Swaminathan Gnanshanmugam  
  
Jonathan Coe  
  
Insoo Suh  
  
Jeremy C. Koehler

**EXHIBIT A**

Attorney Matter No.	Title	Serial No. (Filing Date)
STFD-S12-406-050P	Apparatus and Methods for Treating Pulmonary Hypertension	61/576,318 (12/15/2011)
STFD-S12-406-050	Apparatus and Methods for Treating Pulmonary Hypertension	13/715,944 (12/14/2012)
STFD-S12-406-050 WO	Apparatus and Methods for Treating Pulmonary Hypertension	PCT/US12/69945 (12/14/2012)