

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MICHAEL NASO	03/14/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	VASCULAR PHARMACEUTICALS, INC.
<b>Street Address:</b>	930 MARY ELLEN JONES BUILDING
<b>Internal Address:</b>	116 MANNING DRIVE
<b>City:</b>	CHAPEL HILL
<b>State/Country:</b>	NORTH CAROLINA
<b>Postal Code:</b>	27599
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14728379
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(202)371-2540
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<b>ATTORNEY DOCKET NUMBER:</b>	3335.0060002
<b>NAME OF SUBMITTER:</b>	SCOTT A. SCHALLER
<b>SIGNATURE:</b>	/Scott A. SCHALLER #60,167/
<b>DATE SIGNED:</b>	11/17/2016
<b>Total Attachments: 2</b>	
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**ASSIGNMENT**

THIS ASSIGNMENT, made by me, **Michael Naso**, a citizen of the United States of America, having an address at 145 King of Prussia Road, Radnor, PA 19087, USA;

WITNESSETH: That,

WHEREAS, I am an employee of Janssen Research & Development, LLC and a joint inventor, along with David Clemmons, Laura Maile, Francis J. Carr, Timothy D. Jones, and Simon William Keen, of certain new and useful improvements in **MONOCLONAL ANTIBODIES FOR ENHANCING OR INHIBITING INSULIN-LIKE GROWTH FACTOR-I (IGF-I)**, for which U.S. Provisional Patent Application No. 61/695,409 was filed on August 31, 2012, PCT International Application Serial No. PCT/US2013/057484 was filed on August 30, 2013 and U.S. Patent Application No. 14/015,457 was filed August 30, 2013, and;

WHEREAS, **Vascular Pharmaceuticals, Inc.**, a corporation of Delaware, having a principal place of business at 930 Mary Ellen Jones Building, 116 Manning Drive, Chapel Hill, NC 27599, hereinafter referred to as assignee, is desirous of acquiring my partial right, title and interest in and to the invention as described in said applications, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries pursuant to the "Restated Development and Option Agreement," having an effective date of May 16, 2011.

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I have sold and by these presents do hereby sell, assign, transfer, and convey unto the said assignee, its successors and assigns, my partial right, title, and interest in and to the said invention and applications, and in and to any and all subsequent patent applications which claim the benefit of priority from said applications including regular utility, continuations, and continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues or other forms of protection thereof which may be granted for the invention in or on applications claiming the benefit of priority from said applications, for the full end of the term for which said Letters Patent may be granted along with any term extensions thereof or therefor, together with the right to claim the benefit of priority from said applications in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made.

I further covenant and agree that, at the time of the execution and delivery of these presents, as a co-inventor, I possess partial title, right and interest to the invention and applications above-mentioned, and that I have the unencumbered right and authority to make this assignment of my partial title, right and interest, pursuant to the "Restated Development and Option Agreement," having an effective date of May 16, 2011.

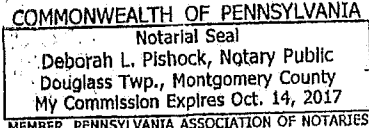
I further covenant and agree to promptly communicate to said assignee or its representatives any facts known to us relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors, or assigns to secure patent or similar protection for the said invention in all countries and to vest in the assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns, and other legal representatives; and I hereby instruct, and further covenant and agree to bind my heirs, legal representatives, and assigns, to do same, without further compensation, but at the expense of said assignee or its representatives.

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 14<sup>th</sup> day of March, 2014.

  
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MICHAEL NASO

STATE OF Pennsylvania  
COUNTY OF Montgomery

Before me personally appeared the person described in and who executed the foregoing instrument, and he acknowledged to me that he executed the same for the purposes therein stated, this 14<sup>th</sup> day of March, 2014.

SEAL  Deborah L. Pishock  
Notary Public  
My Commission Expires Oct. 14, 2017  
MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

My Commission Expires: October 14, 2017