

## 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>
RENE MARC LEMIEUX	05/14/2013
JANETA POPOVICI-MULLER	05/14/2013
JEREMY TRAVINS	05/14/2013
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	AGIOS PHARMACEUTICALS, INC.
<b>Street Address:</b>	38 SIDNEY STREET
<b>City:</b>	CAMBRIDGE
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	02139
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	13745005
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(858)314-1150
<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>	858-314-1200
<b>Email:</b>	cquatrino@jonesday.com, MVdiaz@jonesday.com
<b>Correspondent Name:</b>	JONES DAY
<b>Address Line 1:</b>	222 EAST 41ST STREET
<b>Address Line 4:</b>	NEW YORK, NEW YORK 10017-6702
<b>ATTORNEY DOCKET NUMBER:</b>	12827-844-999/226269-844
<b>NAME OF SUBMITTER:</b>	CHRISTINA QUATRINO
<b>SIGNATURE:</b>	/Christina Quatrino/
<b>DATE SIGNED:</b>	04/27/2016
<b>Total Attachments: 4</b>	
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ASSIGNMENT

For valuable consideration, we, Rene Marc Lemieux of Charlestown, MA; Janeta Popovici-Muller of Waltham, MA, and Jeremy Travins of Southborough, MA hereby assign to AGIOS PHARMACEUTICALS, INC., a corporation of Delaware, having a place of business at 38 Sidney Street, Cambridge, MA 02139, and its successors and assigns (collectively hereinafter called "the Assignee"), my entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent entitled:

THERAPEUTICALLY ACTIVE COMPOSITIONS AND THEIR METHODS OF USE

filed January 18, 2013, and assigned U.S. Serial Number 13/745,005, this assignment, including said application, and any and all continuations, continuations-in-part, and divisional applications, and any and all United States and foreign patents (including reissues, reexaminations, extensions), utility models, and design registrations granted for any of said inventions or improvements (including without limitation International Patent Application No. PCT/CN2012/070601, filed January 19, 2012, and entitled THERAPEUTICALLY ACTIVE COMPOSITIONS AND THEIR METHODS OF USE), and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and I authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventor's certificates for said inventions and improvements; and I agree for myself and my respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment, the effectiveness of this assignment including as of the filing date of the above-identified application and any applications from which the above-identified application claims benefit of.

IN TESTIMONY WHEREOF, I, Rene Marc Lemieux, have executed this document on the date indicated below.

[Signature]  
Signature of Inventor

May 14th, 2013  
Date

Charlestown, MA  
Inventor's City, State of Residence

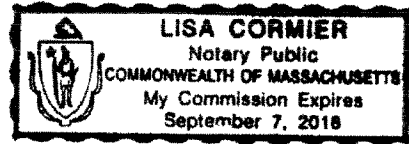
STATE OF Massachusetts :  
COUNTY OF Middlesex :

Subscribed and sworn to before me this 14th day of May, 2013.

SEAL

[Signature]  
Notary Public

My Commission Expires 9/7/2018



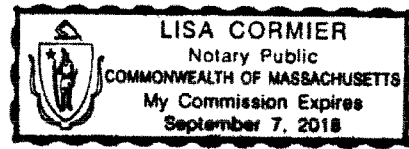
COMMONWEALTH OF MASSACHUSETTS:  
COUNTY OF Middlesex :

On this 14th day of May, 2013, before me, the undersigned notary public, personally appeared Rene Marc Lemieux, proved to me through satisfactory evidence of identification, which were co-workers, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that he signed it voluntarily for its stated purpose.

[Signature]

(SEAL)

Lisa A. Cormier  
Printed Name of Notary Public  
My commission expires 9/7/2018



IN TESTIMONY WHEREOF, I, Janeta Popovici-Muller, have executed this document on the date indicated below.

[Signature]  
Signature of Inventor

May 14<sup>th</sup>, 2013  
Date

WALTHAM, MA  
Inventor's City, State of Residence

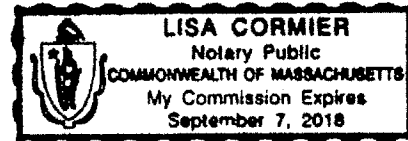
STATE OF Massachusetts :  
COUNTY OF Middlesex :

Subscribed and sworn to before me this 14<sup>th</sup> day of May, 2013.

SEAL

[Signature]  
Notary Public

My Commission Expires 9/7/2018



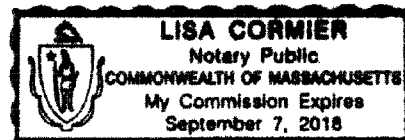
COMMONWEALTH OF MASSACHUSETTS:  
COUNTY OF Middlesex :

On this 14<sup>th</sup> day of May, 2013, before me, the undersigned notary public, personally appeared Janeta Popovici-Muller, proved to me through satisfactory evidence of identification, which were co-worker, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that he signed it voluntarily for its stated purpose.

[Signature]

(SEAL)

Lisa A. Cormier  
Printed Name of Notary Public  
My commission expires 9/7/2018



IN TESTIMONY WHEREOF, I, Jeremy Travins, have executed this document on the date indicated below.

Jeremy M. Travins  
Signature of Inventor  
Southborough, MA  
Inventor's City, State of Residence

May 14th, 2013  
Date

STATE OF Massachusetts :  
COUNTY OF Middlesex :

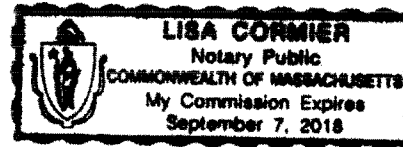
Subscribed and sworn to before me this 14th day of May, 2013.

SEAL

Lisa Cormier  
Notary Public

My Commission Expires 9/7/2018

COMMONWEALTH OF MASSACHUSETTS:  
COUNTY OF Middlesex :



On this 14th day of May, 2013, before me, the undersigned notary public, personally appeared Jeremy Travins, proved to me through satisfactory evidence of identification, which were cc-401ker, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that he signed it voluntarily for its stated purpose.

Lisa Cormier

(SEAL)

Lisa A Cormier  
Printed Name of Notary Public  
My commission expires 9/7/2018

