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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT			
CONVEYING PARTY	DATA					
		Name		Execution Date		
FRANCESCO G. SALITURO				08/31/2010		
JEFFREY O. SAUNDERS				08/31/2010		
SHUNQI YAN				08/31/2010		
RECEIVING PARTY	DATA					
Name:	AGIOS PHARMACEUTICALS, INC.					
Street Address:	88 SIDN	EY STREET				
City:	CAMBR	CAMBRIDGE				
State/Country:	MASSA	CHUSETTS				
Postal Code:	02139	02139				
Property Type		Number				
		5412976				
••						
CORRESPONDENCE	E DATA					
Fax Number:	•	617)523-1231				
		the e-mail address first; if tha if that is unsuccessful, it wil				
Phone:	•	617) 570-3920				
Email: jle@g		e@goodwinlaw.com				
Correspondent Nam		GOODWIN PROCTER LLP				
Address Line 1:		00 NORTHERN AVENUE				
Address Line 4:	E	BOSTON, MASSACHUSETTS	02210			
ATTORNEY DOCKET NUMBER:		AGS-019D2				
NAME OF SUBMITTER:		IOANA DAVIES	IOANA DAVIES			
SIGNATURE:		/loana Davies/	/loana Davies/			
DATE SIGNED:		03/27/2018				
Total Attachments: 4						
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ASSIGNMENT

For valuable consideration, we, Francesco G. Salituro of Marlborough, MA, Jeffrey O. Saunders of Concord, MA and Shunqi Yan of Irvine, CA; 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"), our entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent entitled THERAPEUTIC COMPOUNDS AND COMPOSITIONS, filed June 29, 2010, and assigned U.S. Serial Number 12/826,630, 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, 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 we 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 we agree for ourselves and our 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.

PATENT REEL: 045360 FRAME: 0616 IN TESTIMONY WHEREOF, Francesco G. Salituro have executed this document on the date indicated below.

<u>Manarm</u> Signature of Inventor

Mar 160 cough, MA 01752. Inventor's City, State of residence

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Ancust 31,2010 Date J

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Souverville, MA Witness' City, State of residence

 δl 31 Ô Date

Witness' City, State of residence

Print Witness Name

Signature of Witness

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Witnessed by:

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Witness

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PATENT REEL: 045360 FRAME: 0617 IN TESTIMONY WHEREOF, I Jeffrey O. Saunders have executed this document on the date indicated below.

Signature of inventor Conwell

<u>31. Aug</u>. 7010 Date

Inventor's City, State of residence

Witnessed by:

(1)Signature of Witness

Name

(2Signature Witness

12.

Print Witness Name

Date

Witness State of residence

Date

Witness' City, State of residence

Assignment Page 3 of 4.

PATENT REEL: 045360 FRAME: 0618 IN TESTIMONY WHEREOF, I Shungi Yan have executed this document on the date indicated below.

1NO1 Signature of Inventor

Ivvine, CA Inventor's City, State of residence

Witnessed by:

all (1 A CLAN Signature of Witness

 $\mathcal{O}H$ Undsai AWA Print Witness Name (2Ð Signature of Witness

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Print Witness Name

08/31/2010

Date

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Sðar City, State of residence Witness'

Date TE)

Witness' City, State of residence

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