

## PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT7174271

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JOSHUA MURTIE	06/13/2018
NELAMANGALA NAGARAJA	06/13/2018
BRANDON NICOLAY	06/13/2018
DAVID SCHENKEIN	06/13/2018
KATHARINE YEN	06/25/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	AGIOS PHARMACEUTICALS, INC.
<b>Street Address:</b>	88 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>
<b>Application Number:</b>	16006234
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(617)523-1231
<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>	(617) 570-1000
<b>Email:</b>	us-patentbos@goodwinlaw.com, LillianRodriguez@goodwinlaw.com
<b>Correspondent Name:</b>	GOODWIN PROCTER LLP
<b>Address Line 1:</b>	100 NORTHERN AVENUE
<b>Address Line 2:</b>	IP DOCKETING DEPT./7TH FL
<b>Address Line 4:</b>	BOSTON, MASSACHUSETTS 02210
<b>ATTORNEY DOCKET NUMBER:</b>	AGS-122US1
<b>NAME OF SUBMITTER:</b>	IOANA DAVIES
<b>SIGNATURE:</b>	/IOANA DAVIES/
<b>DATE SIGNED:</b>	02/14/2022
<b>Total Attachments: 6</b>	

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## ASSIGNMENT

For good and valuable consideration, the sufficiency and receipt of which are hereby acknowledged, We, **Joshua Murtie of Winchester, MA; Nelamangala Nagaraja of Lexington, MA; Brandon Nicolay of Manchester, MA; David Schenkein of Boston, MA; and Katharine Yen of Wellesley, MA** (hereinafter the "Undersigned"), do hereby irrevocably and unconditionally:

CONVEY, ASSIGN AND TRANSFER to **Agios Pharmaceuticals, Inc.**, a Delaware corporation having a place of business at **88 Sidney Street, Cambridge, Massachusetts 02139, United States of America**, its successors, assigns and legal representatives (collectively hereinafter the "Assignee"), the Undersigned's entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for the United States Patent entitled **METHODS OF TREATING BRAIN TUMORS USING COMBINATION THERAPY**, filed **June 12, 2018**, and assigned U.S. Serial Number **16/006,234**, including:

the inventions disclosed in the above-identified application(s);

such application(s), and all divisional, continuing (including continuation-in-part), substitute, renewal, reissue, and all other applications for a patent or patents which have been or shall be filed in the United States (including without limitation U.S. Provisional Application No. 62/518,562, filed June 12, 2017 and entitled **METHODS OF TREATING BRAIN TUMORS USING COMBINATION THERAPY**), and in all foreign countries and jurisdictions based in whole or in part on any of the said inventions and improvements (including any application for a utility model, design registration(s), and inventor's certificate(s));

the right to claim priority to the above-identified application(s) in relation to subject matter based in whole or in part on the above-identified application(s) and any of the foregoing 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;

the right to file in my name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventor's certificate(s) for said inventions and improvements in the United States and all foreign countries 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

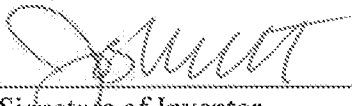
the right to all causes of action, remedies, and other enforcement rights related to the above-identified application(s), including without limitation the right to sue for past, present, or future infringement, misappropriation, or violation of any and all rights related to the above-identified application(s) and any of the foregoing, including the right to obtain and collect damages for past, present, or future infringement.

The Undersigned authorizes and requests the U.S. and foreign patent issuing authority to issue any and all United States and foreign patents (including any application for a utility model, design registrations, and inventor's certificate(s)) on the said inventions and improvements to the Assignee.

The Undersigned covenants, that when requested and at the reasonable expense of the Assignee, in order to carry out in good faith the intent and purpose of this Assignment, the Undersigned shall (1) execute all provisional, non-provisional, divisional, continuing (including continuation-in-part), substitute, renewal, reissue, and all other patent applications for the inventions and improvements which are subject of the said application(s), as the Assignee may reasonably request to effectuate fully this Assignment; (2) execute all rightful oaths, declarations, assignments, powers of attorney and other papers for the inventions and improvements which are subject of the said application(s); (3) communicate to the Assignee all facts known to the Undersigned relating to the inventions and improvements which are subject of the said application(s), and the history thereof; (4) cooperate with the Assignee in any interference, reexamination, reissue, opposition, dispute, or litigation involving any of the applications or patents for the inventions and improvements which are subject of the said application(s); and (5) take such further actions as the Assignee shall reasonably consider necessary or desirable for vesting title to the said inventions and improvements in the Assignee, or for securing, maintaining and enforcing proper patent protection for the said inventions and improvements.

The Undersigned covenants, that should the execution date, filing date and/or Application Number be not entered or be incorrect at the time the Undersigned executed this document, the Undersigned hereby authorizes and requests an attorney of Assignee to insert the information or make the correction.

IN TESTIMONY WHEREOF, I, **Joshua Murtie**, have executed this document on the date indicated below.

  
Signature of Inventor

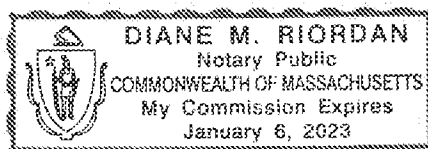
6/13/18  
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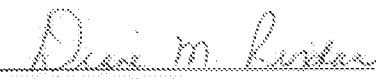
Winchester, MA  
Inventor's City, State of Residence

COMMONWEALTH OF MASSACHUSETTS:  
COUNTY OF MIDDLESEX:

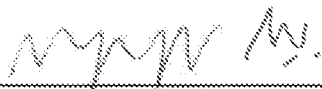
On this 13<sup>th</sup> day of June, 2018, before me, the undersigned notary public, personally appeared Joshua Murtie, proved to me through satisfactory evidence of identification, which were Personal Knowledge, to be the person whose name is signed on the preceding or attached document in my presence.

SEAL



  
Notary Public  
My Commission Expires 1/6/2023

IN TESTIMONY WHEREOF, I, Nelamangala Nagaraja, have executed this document on the date indicated below.

  
Signature of Inventor

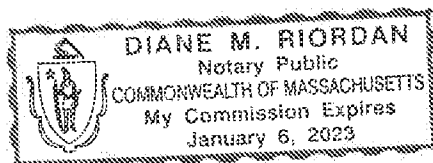
13-June-2018  
Date

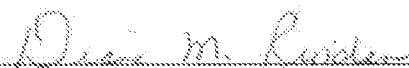
Lexington, MA  
Inventor's City, State of Residence

COMMONWEALTH OF MASSACHUSETTS:  
COUNTY OF MIDDLESEX:

On this 13<sup>th</sup> day of June, 2018, before me, the undersigned notary public, personally appeared Nelamangala Nagaraja, proved to me through satisfactory evidence of identification, which were personal knowledge, to be the person whose name is signed on the preceding or attached document in my presence.

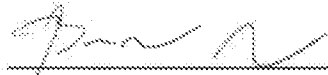
SEAL



  
Notary Public

My Commission Expires 1/6/2023

IN TESTIMONY WHEREOF, I, **Brandon Nicolay**, have executed this document on the date indicated below.

  
Signature of Inventor

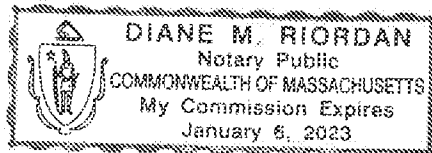
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Date

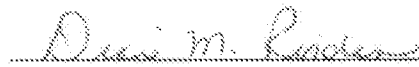
Manchester, MA  
Inventor's City, State of Residence

COMMONWEALTH OF MASSACHUSETTS:  
COUNTY OF MIDDLESEX:

On this 13<sup>th</sup> day of June, 2018, before me, the undersigned notary public, personally appeared Brandon Nicolay, proved to me through satisfactory evidence of identification, which were personal knowledge, to be the person whose name is signed on the preceding or attached document in my presence.

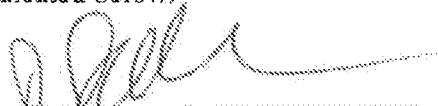
SEAL



  
Notary Public

My Commission Expires 1/6/2023

IN TESTIMONY WHEREOF, I, **David Schenkein**, have executed this document on the date indicated below.

  
Signature of Inventor

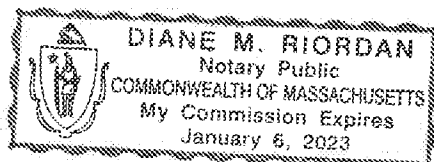
6/13/18  
Date


Boston, MA  
Inventor's City, State of Residence

COMMONWEALTH OF MASSACHUSETTS:  
COUNTY OF MIDDLESEX:

On this 13<sup>th</sup> day of June, 2018, before me, the undersigned notary public, personally appeared David Schenkein, proved to me through satisfactory evidence of identification, which were personal knowledge, to be the person whose name is signed on the preceding or attached document in my presence.

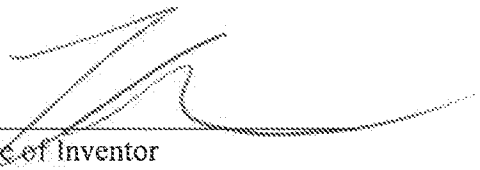
SEAL



  
Notary Public

My Commission Expires 1/6/2023

IN TESTIMONY WHEREOF, I, **Katharine Yen**, have executed this document on the date indicated below.

  
Signature of Inventor

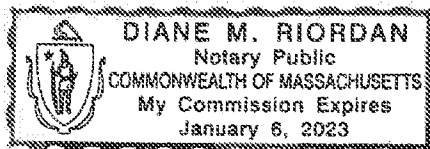
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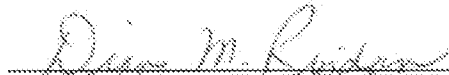
Wellesley, MA  
Inventor's City, State of Residence

COMMONWEALTH OF MASSACHUSETTS:  
COUNTY OF MIDDLESEX:

On this 25<sup>th</sup> day of June, 2018, before me, the undersigned notary public, personally appeared Katharine Yen, proved to me through satisfactory evidence of identification, which were Personal Knowledge, to be the person whose name is signed on the preceding or attached document in my presence.

SEAL



  
Notary Public

My Commission Expires 1/6/2023

ACCEPTED AND AGREED TO BY ASSIGNEE: **Agios Pharmaceuticals, Inc.:**

Signature: 

Date: June 25, 2018

Printed name: Min Wang, Ph.D., J.D.

Title: General Counsel