503515242 10/08/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3561868

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
STEPHANE DE LOMBAERT	03/28/2015
Daniel R. Goldberg	03/26/2015
Kenneth Brameld	04/08/2015
Eric Brian Sjogren	03/24/2015
Andrew Scribner	03/23/2015

RECEIVING PARTY DATA

Name:	KAROS PHARMACEUTICALS INC.	
Street Address:	5 SCIENCE PARK	
Internal Address:	SUITE 2	
City:	NEW HAVEN	
State/Country:	CONNECTICUT	
Postal Code:	06511	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14841868

CORRESPONDENCE DATA

Fax Number: (877)769-7945

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.

Phone: (617) 542-5070 **Email:** apsi@fr.com

Correspondent Name: CHRISTINE A. GODDARD Address Line 1: FISH & RICHARDSON P.C.

Address Line 2: P.O.BOX 1022

Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022

ATTORNEY DOCKET NUMBER:	UMBER: 38219-00030002 KAR0001-00	
NAME OF SUBMITTER:	SUZANNE C. O'NEILL	
SIGNATURE:	/Suzanne C. O'Neill/	
DATE SIGNED:	10/08/2015	

PATENT 503515242 REEL: 036757 FRAME: 0380

Total Attachments: 8 source=38219-0003Assignment#page1.tif source=38219-0003Assignment#page3.tif source=38219-0003Assignment#page4.tif source=38219-0003Assignment#page5.tif source=38219-0003Assignment#page6.tif source=38219-0003Assignment#page7.tif source=38219-0003Assignment#page7.tif source=38219-0003Assignment#page8.tif

PATENT REEL: 036757 FRAME: 0381

Attorney Docket No.: 38219-0003001 KAR0001-001

ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, Stéphane De Lombaert, Daniel R. Goldberg, Kenneth Brameld, Eric Brian Sjogren, and Andrew Scribner, each individually assign to KAROS PHARMACEUTICALS, INC., a corporation formed under the laws of Delaware and having a principal place of business at 5 Science Park, Suite 2, New Haven, CT 06511, and its successors, transferees, and assignees (collectively the "Assignee"), all of our individual and joint right, title, and interest throughout the world in the subject matter (the "Subject Matter") of a patent application that names us as inventors, is titled "SPIROCYCLIC COMPOUNDS AS TRYPTOPHAN HYDROXYLASE INHIBITORS", and was filed in the United States Patent and Trademark Office on September 5, 2014, as application U.S. Serial No. 14/477,948 (the "Application").

This Assignment assigns (a) the Application and all other applications that may be made for, and all patents, utility models, design registrations, and other rights of exclusion and inventors' certificates for, any of the Subject Matter (collectively the "Applications and Granted Rights") in every country or region, (b) the right to claim priority based on and the benefit of the filing date of any of the Applications and Granted Rights under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other applicable treaties or conventions, and (c) the right to pursue, collect, and retain in the Assignee's name or otherwise, damages and any other remedies arising from any past, present, or future infringement of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment.

We authorize the Assignee to apply for and pursue protection for any or all of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment in all countries, regions, and territories of the world, in our names or in the Assignee's name.

We represent and warrant that we have the right and power to make this Assignment and that we have not made and will not make any other assignment that conflicts with this Assignment.

We will communicate to the Assignee (or at the request of the Assignee to other parties) all known facts in any form relating to the Subject Matter, will execute and provide all oaths and declarations, statements, testimony, assignments, powers of attorney, applications, and

Assignment Page 1 of 8

documents, and will perform all other lawful acts necessary or desirable to secure fully to the Assignee the rights, titles, and interests assigned by this Assignment.

Assignment Page 2 of 8

Date: March 28, 2015

State of Connecticut

County of New Honey ss. (Town/City)

On this 28 day of MCMCM, 2014, before me, the undersigned officer, personally appeared Stéphane De Lombaert, known to me (or satisfactorily proven) to be the person(s) whose name(s) (is or are) subscribed to the within instrument and acknowledged that (he, she or they) executed the same for the purposes therein contained.

In witness whereof Phereunto set my hand.

Signature of Notary Public
Date Commission Expires:

| My Commission Expires | My Commission Expires | |

Daniel R. Goldberg		
State of Connecticut		
County of <u>FairHead</u> ss. (Town/City) Wilton		
On this 24 day of 1000, 2014, before me, the undersigned officer, personally appeared Daniel R. Goldberg, known to me (or satisfactorily proven) to be the person(s) whose name(s) (is or are) subscribed to the within instrument and acknowledged that (he, she or they) executed the same for the purposes therein contained.		
In witness whereof I hereunto set my hand.		
Signature of Notary Public Date Commission Expires: **Description** **De		

Kenneth Brameld

Date: April 8, 2015

ACKNOWLEDGMENT				
State of California County of Son mater				
``				
On 4-8-15 before me, Bharat P. Rate/				
(insert name and title of the officer)				
personally appeared <u>Kenneth Brameld</u> who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or entity upon behalf of which the person(s) acted, executed the instrument.				
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.				
WITNESS my hand and official seal. Signature WITNESS my hand and official seal. Signature (Seal)				

ACKNOWLEDGMENT State of California County of San Marker) On March 24 2015 before me, Troothy & Breen Notway Public (insert name and title of the officer) personally appeared Eric Brian Sjogren who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or entity upon behalf of which the person(s) acted, executed the instrument. I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct. TIMOTHY P. BREEN Commission # 2017526 WITNESS my hand and official seal. Notary Public - California San Mateo County My Comm. Expires Apr 30, 2017 Signature _____ (Seal)

Eric Brian Sjogren

Andrew Similar	Date: MARCH 23, 2015
Andrew Scribner	
State of North Carolina	
County of Durham	ss. (Town/City)

On this 23 day of Mow & , 2014, before me, the undersigned officer, personally appeared Andrew Scribner, known to me (or satisfactorily proven) to be the person(s) whose name(s) (is or are) subscribed to the within instrument and acknowledged that (he, she or they) executed the same for the purposes therein contained.

In witness whereof I hereunto set my hand.

Signature of Notary Public Julianna L Royu

Date Commission Expires: 9/16/2018

The Assignee hereby acknowledges and accepts the foregoing assignment.

Assignee: KAROS PHARMACEUTICALS, INC.

Date: April 8, 2015

Name: Stéphane De Lombaert Ph.D.

Title: Chief Operating Officer & Head of Chemistry

State of Connecticut

County of Well haver ss. (Town/City) Branker

On this 4 day of April , 2015 Ml the undersigned officer, personally appeared (Name of individual or individuals), known to me (or satisfactorily proven) to be the person(s) whose name(s) (is or are) subscribed to the within instrument and acknowledged that (he, she or they) executed the same for the purposes therein contained.

In witness whereof I hereunto set my hand.

Signature of Notary Public
Date Commission Expires:

My Commission Expires:

Vanuary 31, 2017

23281044.doc

Assignment Page 8 of 8

RECORDED: 10/08/2015