

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4668244

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
EMILY DERBYSHIRE	10/07/2017
TIMOTHY A. J. HAYSTEAD	10/04/2017
RECEIVING PARTY DATA	
Name:	DUKE UNIVERSITY
Street Address:	2812 ERWIN ROAD, SUITE 306
City:	DURHAM
State/Country:	NORTH CAROLINA
Postal Code:	27705
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15720731
CORRESPONDENCE DATA	
Fax Number:	(414)277-0656
<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>	
Phone:	(414)271-6560
Email:	dahauser@michaelbest.com
Correspondent Name:	MICHAEL BEST & FRIEDRICH LLP
Address Line 1:	100 EAST WISCONSIN AVENUE
Address Line 2:	SUITE 3300
Address Line 4:	MILWAUKEE, WISCONSIN 53202
ATTORNEY DOCKET NUMBER:	028193-9243-US01
NAME OF SUBMITTER:	WILLIAM A. CARROLL
SIGNATURE:	/William A. Carroll/
DATE SIGNED:	11/01/2017
Total Attachments: 4	
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ASSIGNMENT

Pursuant to our obligation to Duke University (hereinafter referred to as "Assignee"), a North Carolina non-profit institution having its principal place of business at:

2812 Erwin Road
Suite 306
Durham, NC 27705

and for other valuable and sufficient consideration, receipt whereof is hereby acknowledged, we:

Emily Derbyshire
c/o Duke University
2812 Erwin Road
Suite 306
Durham, NC 27705

Timothy A. J. Haystead
106 Toynbee Place
Chapel Hill, NC 27514

confirm our obligation to and hereby sell, assign and convey, unto Assignee, its successors and assigns, our entire right, title and interest -

(1) in and to inventions described in a patent application titled NOVEL INHIBITORS OF TRANSFORMING GROWTH FACTOR-BETA KINASE AND METHODS OF USE THEREOF for which we filed United States Patent Application No. 15/720,731 (Atty. File No. 028193-9243-US01) (hereinafter the "U.S. utility patent application") which application claims the benefit of United States Provisional Patent Application No. 62/401,733, filed September 29, 2016 (hereinafter the "U.S. provisional patent application");

(2) in and to the U.S. utility patent application, and the U.S. provisional patent application, in and to all other patent applications (including divisional, continuation, continuation-in-part, 35 U.S.C. §111(b) provisional, 35 U.S.C. §111(a), and reissue applications) based upon said inventions, and in and to the patent or patents to be granted thereon, to the full end of the term or terms for which said patent or patents may be granted;

(3) in and to all patent applications on said invention now or hereafter filed in countries foreign to the United States of America, and in and to any and all patents granted on said applications to the full end of the terms for which said patents may be granted; and

(4) under the International Convention in respect to the U.S. utility patent application and the U.S. provisional patent application, and agree that any patent applications of any foreign countries which may be filed shall be filed in the name of our Assignee with a claim to

Atty. File No. 028193-9243-US01

priority based on either or both of the U.S. utility patent application and the U.S. provisional patent application.

We hereby agree that we will, upon demand of Assignee, its successors or assigns, and without further consideration to us, execute any and all papers that may be necessary, or deemed by Assignee, its successors or assigns, to be necessary, to a complete fulfillment of the intent and purposes of this Assignment, it being understood that any expense incident to the execution of such papers shall be paid by Assignee, its successors and assigns, and not by us.

The Commissioner of Patents and Trademarks of the United States is hereby authorized and requested to issue said patent or patents to Assignee.

10/7/17
Date

Emily Derbyshire
Emily Derbyshire

10/7/17
Witness Date

Kayla Sylvester
Witness Signature

Kayla Sylvester
Witness Printed Name

Date

Timothy A. J. Haystead

Witness Date

Witness Signature

Witness Printed Name

priority based on either or both of the U.S. utility patent application and the U.S. provisional patent application.

We hereby agree that we will, upon demand of Assignee, its successors or assigns, and without further consideration to us, execute any and all papers that may be necessary, or deemed by Assignee, its successors or assigns, to be necessary, to a complete fulfillment of the intent and purposes of this Assignment, it being understood that any expense incident to the execution of such papers shall be paid by Assignee, its successors and assigns, and not by us.

The Commissioner of Patents and Trademarks of the United States is hereby authorized and requested to issue said patent or patents to Assignee.

Date

Emily Derbyshire

Witness Date

Witness Signature

Witness Printed Name

October 4th 2017

Date

Timothy A J Haystead

Timothy A. J. Haystead

October 4th 2017

Witness Date

David Carlson

Witness Signature

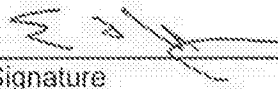
David Carlson

Witness Printed Name

DUKE UNIVERSITY

1 November 2017

Date



Signature

Printed Name: Eric F. Wagner

Title: Associate Director of Legal/OLV

11/1/2017

Witness Date



Witness Signature

KATRINA HOLLAND

Witness Printed Name