

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT6820610

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MITHUN ROY	08/30/2016
LUCA MONFREGOLA	08/03/2016
MARVIN H. CARUTHERS	08/22/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	UNIVERSITY OF COLORADO BOULDER
<b>Street Address:</b>	995 REGENT DR.
<b>City:</b>	BOULDER
<b>State/Country:</b>	COLORADO
<b>Postal Code:</b>	80302
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	17379288
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(312)360-0080
<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>	408-553-2191
<b>Email:</b>	Agilentdocketing@cpaglobal.com
<b>Correspondent Name:</b>	AGILENT TECHNOLOGIES, INC.
<b>Address Line 1:</b>	5301 STEVENS CREEK BLVD
<b>Address Line 4:</b>	SANTA CLARA, CALIFORNIA 95051
<b>ATTORNEY DOCKET NUMBER:</b>	20140081-11/6363.129507D2
<b>NAME OF SUBMITTER:</b>	E. KATE BEREZUTSKAYA, PH.D., ESQ.
<b>SIGNATURE:</b>	/Kate Berezutskaya/
<b>DATE SIGNED:</b>	07/19/2021
<b>Total Attachments: 3</b>	
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source=129507D2-Assignment-University of CO#page2.tif	
source=129507D2-Assignment-University of CO#page3.tif	

## ASSIGNMENT OF APPLICATION (JOINT)

Atty Docket No. 20140081-02

THIS ASSIGNMENT, by **Mithun Roy, Luca Monfregola and Marvin H. Caruthers**, residing in Loveland, Colorado, Loveland, Colorado and Loveland, Colorado (hereinafter referred to as the assignors), respectively, witnesseth:

WHEREAS, the said assignors have invented certain new and useful improvements in:

"Phosphorous Protecting Groups and Methods of Preparation and Use Thereof"

X filed on 04/30/2015 as U.S. Application Serial No. or PCT International Application No. 14/701,288.

WHEREAS, **University of Colorado Boulder** a non-profit duly organized under and pursuant to the laws of Colorado, and having its principal place of business at **995 Regent Dr, Boulder, CO 80302** (hereinafter referred to as the assignee) is desirous of acquiring said assignors' right, title and interest in and to said invention and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW THEREFORE, for good and sufficient considerations, the receipt of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto the assignee, its successors, legal representatives and assigns, all of said assignors' right, title and interest in and to the above-mentioned invention, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations, and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee, for its own use and behalf and the use and behalf of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and that said assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said invention, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said invention in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said invention, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

AND said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said invention and the Letters Patent to be issued thereon for the use and behalf of said assignee, its successors, legal representatives and assigns.

Date 30/8/2016

Name of Inventor

Mithun Roy  
Mithun Roy

Date

Name of Inventor

Luca Monfregola

Date

Name of Inventor

Marvin H. Caruthers

PATENT

REEL: 056904 FRAME: 0939

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NOW THEREFORE, for good and sufficient considerations, the receipt of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto the assignee, its successors, legal representatives and assigns, all of said assignors' right, title and interest in and to the above-mentioned invention, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations, and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee, for its own use and behalf and the use and behalf of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made.

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AND said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said invention and the Letters Patent to be issued thereon for the use and behalf of said assignee, its successors, legal representatives and assigns.

Date \_\_\_\_\_

Name of Inventor \_\_\_\_\_

**Mithum Roy**

Date 08/03/2016

Name of Inventor \_\_\_\_\_

**Luca Monfregola**

Date \_\_\_\_\_

Name of Inventor \_\_\_\_\_

**Marvin H. Caruthers**

**PATENT**

**REEL: 056904 FRAME: 0940**

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AND said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said invention and the Letters Patent to be issued thereon for the use and behalf of said assignee, its successors, legal representatives and assigns.

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_  
**Mithum Roy**

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_  
**Luca Monfregola**

Date 8/22/2016 Name of Inventor   
**Marvin H. Caruthers**