

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5899810

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
PIERRE-JEAN COLSON	12/13/2019
GENE TIMOTHY FASS	12/18/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	THERAVANCE BIOPHARMA R&D IP, LLC
<b>Street Address:</b>	901 GATEWAY BLVD.
<b>City:</b>	SOUTH SAN FRANCISCO
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94080
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16559091
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(650)808-6078
<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>	6508086000
<b>Email:</b>	patent@theravance.com
<b>Correspondent Name:</b>	THERAVANCE BIOPHARMA US
<b>Address Line 1:</b>	901 GATEWAY BLVD.
<b>Address Line 4:</b>	SOUTH SAN FRANCISCO, CALIFORNIA 94080
<b>ATTORNEY DOCKET NUMBER:</b>	P-344-US1
<b>NAME OF SUBMITTER:</b>	FLORENCE JOVIC
<b>SIGNATURE:</b>	/Florence Jovic/
<b>DATE SIGNED:</b>	01/07/2020
<b>Total Attachments: 4</b>	
source=P-344-US1_ExecutedAssignment#page1.tif	
source=P-344-US1_ExecutedAssignment#page2.tif	
source=P-344-US1_ExecutedAssignment#page3.tif	
source=P-344-US1_ExecutedAssignment#page4.tif	

## Assignment

This **Assignment**, by **Pierre-Jean Colson** and **Gene Timothy Fass**, (hereinafter referred to as "the **Assignors**"), respectively, witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements in **PROCESS FOR PREPARING JAK INHIBITORS AND INTERMEDIATES THEREOF** as set forth in an application for Letters Patent of the United States,

- ☐ which is a provisional application
  - ☐ to be filed herewith; or
  - ☐ bearing Application No. \_\_\_\_\_ and filed on \_\_\_\_\_, or
- ☒ which is a non-provisional application
  - ☐ to be filed herewith; or
  - ☒ bearing Application No. 16/559,091 and filed on September 3, 2019; and

WHEREAS, **Theravance Biopharma R&D IP, LLC**, a limited liability company duly organized under and pursuant to the laws of Delaware and having its principal place of business at 901 Gateway Boulevard, South San Francisco, California 94080 (hereinafter referred to as "the **Assignee**"), is desirous of acquiring the entire right, title and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignor has 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, the entire right, title and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and 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 the 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;

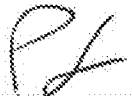
AND for the same consideration, the Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, the Assignor is the sole and lawful owner of the entire right, title and interest in and to the inventions set forth in said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives and assigns that the Assignor will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents 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 or Patents for said inventions, without charge to the Assignor, its successors, legal representatives and assigns, but at the cost and expense of the Assignee, its successors, legal representatives and assigns;

AND the Assignor hereby requests the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee, as the Assignee of said inventions and the Letters Patent to be issued for the sole use and behalf of the Assignee, its successors, legal representatives and assigns.

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

Date 13 Dec 2019

Signature of Assignor   
Pierre-Jean Colson

State of California


County of San Mateo

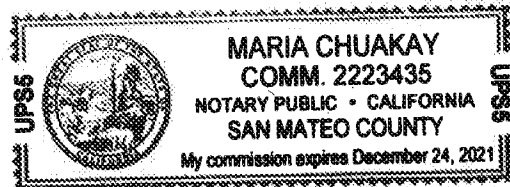
On 13 December 2019 before me, Maria Chuakay, Notary Public,  
personally appeared Pierre-Jean Colson

who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person 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 of Notary Public



A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

Date 18 DEC 2019

Signature of Assignor

Gene Timothy Fass  
Gene Timothy Fass

State of California

County of San Mateo

On 18 December 2019 before me, Maria Chuakay, Notary Public,  
personally appeared Gene Timothy Fass

who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person 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.

Maria Chuakay  
Signature of Notary Public

