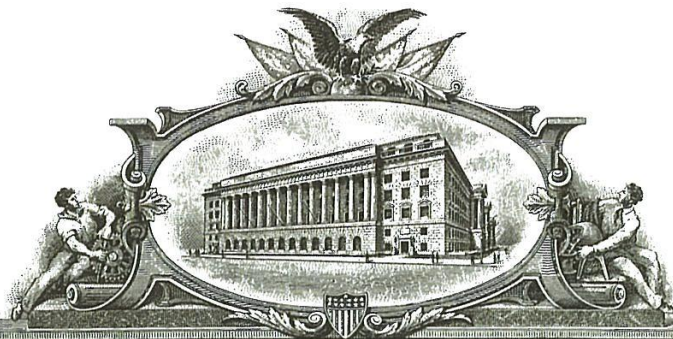


A 8122276



THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

UNITED STATES DEPARTMENT OF COMMERCE

United States Patent and Trademark Office

June 29, 2021

THIS IS TO CERTIFY THAT ANNEXED IS A TRUE COPY FROM THE
RECORDS OF THIS OFFICE OF A DOCUMENT RECORDED ON
JUNE 14, 2015.

By Authority of the

Under Secretary of Commerce for Intellectual Property
and Director of the United States Patent and Trademark Office



Sylvia Holley
SYLVIA HOLLEY
Certifying Officer

503349214 06/14/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT3395834

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
I. ROBERT SILVERMAN	05/18/2015
JULIE F. LIU	05/18/2015
ADAM J. MORGAN	03/11/2015
BHAUMIK PANDYA	03/11/2015
SCOTT L. HARBESON	05/18/2015
RECEIVING PARTY DATA	
Name:	CONCERT PHARMACEUTICALS, INC.
Street Address:	99 HAYDEN AVENUE
Internal Address:	SUITE 500
City:	LEXINGTON
State/Country:	MASSACHUSETTS
Postal Code:	02421
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14707912
CORRESPONDENCE DATA	
Fax Number:	(978)341-0136
<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:	978-341-0036
Email:	denise.caredeo@hbsr.com
Correspondent Name:	SUSAN M. ABELLEIRA
Address Line 1:	530 VIRGINIA ROAD
Address Line 2:	HAMILTON, BROOK, SMITH & REYNOLDS, P.C.
Address Line 4:	CONCORD, MASSACHUSETTS 01742-9133
ATTORNEY DOCKET NUMBER:	4151.1124-011
NAME OF SUBMITTER:	DENISE.CAREDEO@HBSR.COM
SIGNATURE:	/Denise Caredeo/
DATE SIGNED:	06/11/2015

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Total Attachments: 8

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PATENT
REEL: 035947 FRAME: 0681

Joint

ASSIGNMENT

WHEREAS, we, **I. Robert Silverman, Julie F. Liu, Adam J. Morgan, Bhaumik Pandya and Scott L. Harbeson**, have invented a certain improvement in **Deuterated Derivatives Of Ruxolitinib** described in an application for Patent,

- ☐ the specification of which is about to be filed in the United States Patent Office *(use for utility (37 CFR § 1.53(b)) and design filings only)*;
- ☐ is about to be filed in the United States Patent Office as a Provisional Application;
- ☒ the specification of which is United States Application No. **14/570,954**, filed **December 15, 2014**;
- ☐ the specification of which is a Patent Cooperation Treaty Application, International Application No. [], filed [], which designates the United States of America [and is assigned United States Application No. []];
- ☐ which was patented under United States Patent No. [].

WHEREAS, **CoNCERT Pharmaceuticals, Inc.** (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the **State of Delaware**, and having a usual place of business at **99 Hayden Avenue, Suite 500, Lexington, Massachusetts 02421** desires to confirm its interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue on said invention; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for any and all related provisional and nonprovisional, international and national phase applications, including any and all substitution, reissue, divisional, continuation, and continuation-in-part applications, and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein; we hereby expressly authorize the filing of an International Patent Application under the

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PATENT
REEL: 035947 FRAME: 0682

Patent Cooperation Treaty which corresponds to and claims the priority of the above-identified application;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of any future applications including substitution, reissue, divisional or continuation, continuation-in-part applications, and all related provisional and nonprovisional, international and national phase applications, and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request each Patent Office and the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said invention to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals the date set forth below.

Inventor's Signature: I. Robert Silverman
I. Robert Silverman

State/Commonwealth
of Massachusetts
County of Middlesex

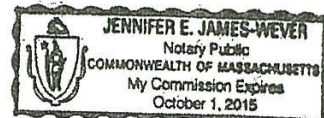
On this 18th day of May 2015, before me, the undersigned notary public, personally appeared I. Robert Silverman,

- ☒ personally known to me, or
☐ proved to me through satisfactory evidence of identification, which was

to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL)

Notary Public Jennifer E. James-Wever
(print name)
My Commission expires 10/1/15



- 2 -

1793927.v1

PATENT
REEL: 035947 FRAME: 0683

Inventor's Signature: _____

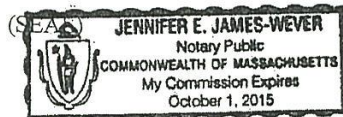
Julie F. Liu

State/Commonwealth
of Massachusetts
County of Middlesex

On this 18th day of May 20 15, before me, the undersigned notary
public, personally appeared Julie F. Liu

- ☒ personally known to me, or
☐ proved to me through satisfactory evidence of identification, which was

to be the person whose name was signed on the foregoing instrument in my presence, and
acknowledged that he/she signed the foregoing instrument as his/her free act and deed.



Notary Public _____

(print name)

My Commission expires / /

Inventor's Signature: _____

Adam J. Morgan

State/Commonwealth
of Massachusetts
County of Middlesex

On this 11th day of March 20 15, before me, the undersigned notary
public, personally appeared Adam J. Morgan,

- ☒ personally known to me, or
☐ proved to me through satisfactory evidence of identification, which was

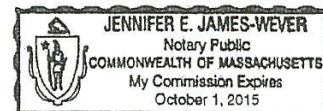
to be the person whose name was signed on the foregoing instrument in my presence, and
acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL)

Notary Public _____

(print name)

My Commission expires / /



- 3 -

1793927.v1

PATENT
REEL: 035947 FRAME: 0684

Docket No. 4151.1124-003

Inventor's Signature: B. A. Pandya
Bhaumik Pandya

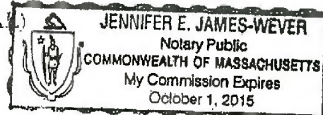
State/Commonwealth
of Massachusetts
County of Middlesex

On this 11th day of March 20 15, before me, the undersigned notary
public, personally appeared Bhaumik Pandya,

- ☒ personally known to me, or
☐ proved to me through satisfactory evidence of identification, which was

to be the person whose name was signed on the foregoing instrument in my presence, and
acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL)



Notary Public Jennifer E. James-Wever
JENNIFER JAMES-WEVER (print name)
My Commission expires 01 OCT 2015

Inventor's Signature: _____
Scott L. Harbeson

State/Commonwealth
of _____
County of _____

On this _____ day of _____ 20____, before me, the undersigned notary
public, personally appeared Scott L. Harbeson.

- ☐ personally known to me, or
☐ proved to me through satisfactory evidence of identification, which was

to be the person whose name was signed on the foregoing instrument in my presence, and
acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL)

Notary Public _____

(print name)
My Commission expires ____/____/____

- 4 -

1793927.v1

PATENT
REEL: 035947 FRAME: 0685

Joint

ASSIGNMENT

WHEREAS, we, **I. Robert Silverman, Julie F. Liu, Adam J. Morgan, Bhaumik Pandya and Scott L. Harbeson**, have invented a certain improvement in **Deuterated Derivatives Of Ruxolitinib** described in an application for Patent,

- ☐ the specification of which is about to be filed in the United States Patent Office *(use for utility (37 CFR § 1.53(b)) and design filings only)*;
- ☐ is about to be filed in the United States Patent Office as a Provisional Application;
- ☒ the specification of which is United States Application No. **14/570,954**, filed **December 15, 2014**;
- ☐ the specification of which is a Patent Cooperation Treaty Application, International Application No. [], filed , which designates the United States of America [and is assigned United States Application No.];
- ☐ which was patented under United States Patent No. [].

WHEREAS, **CoNCERT Pharmaceuticals, Inc.** (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the **State of Delaware**, and having a usual place of business at **99 Hayden Avenue, Suite 500, Lexington, Massachusetts 02421** desires to confirm its interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue on said invention; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for any and all related provisional and nonprovisional, international and national phase applications, including any and all substitution, reissue, divisional, continuation, and continuation-in-part applications, and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein; we hereby expressly authorize the filing of an International Patent Application under the

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PATENT
REEL: 035947 FRAME: 0686

Patent Cooperation Treaty which corresponds to and claims the priority of the above-identified application;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of any future applications including substitution, reissue, divisional or continuation, continuation-in-part applications, and all related provisional and nonprovisional, international and national phase applications, and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request each Patent Office and the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said invention to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals the date set forth below.

Inventor's Signature: I. Robert Silverman
I. Robert Silverman

State/Commonwealth
of Massachusetts
County of Middlesex

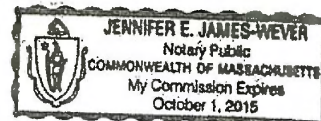
On this 18th day of May 2015, before me, the undersigned notary public, personally appeared I. Robert Silverman,

☒ personally known to me, or
☐ proved to me through satisfactory evidence of identification, which was

to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL)

Notary Public Jennifer E. James-Wever
(print name)
My Commission expires / /



- 2 -

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PATENT
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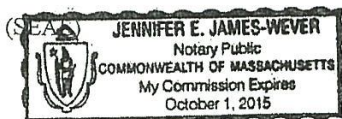
Inventor's Signature: *Julie F. Liu*
Julie F. Liu

State/Commonwealth
of Massachusetts
County of Middlesex

On this 18th day of May, 2015, before me, the undersigned notary public, personally appeared Julie F. Liu

- ☒ personally known to me, or
☐ proved to me through satisfactory evidence of identification, which was

to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.



Notary Public *Jennifer E. James-Wever*
(print name)
My Commission expires / /

Inventor's Signature: *Adam J. Morgan*
Adam J. Morgan

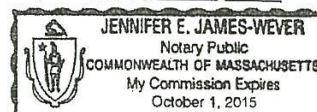
State/Commonwealth
of Massachusetts
County of Middlesex

On this 11th day of March, 2015, before me, the undersigned notary public, personally appeared Adam J. Morgan,

- ☒ personally known to me, or
☐ proved to me through satisfactory evidence of identification, which was

to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL) Notary Public *Jennifer E. James-Wever*
(print name)
My Commission expires / /



Inventor's Signature: _____
Bhaumik Pandya

State/Commonwealth
of _____
County of _____

On this _____ day of _____, 20____, before me, the undersigned notary
public, personally appeared Bhaumik Pandya,

- ☐ personally known to me, or
☐ proved to me through satisfactory evidence of identification, which was

to be the person whose name was signed on the foregoing instrument in my presence, and
acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL) Notary Public _____

(print name)
My Commission expires ____/____/____

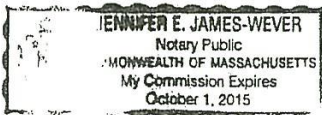
Inventor's Signature: Scott L. Harbeson
Scott L. Harbeson

State/Commonwealth
of Massachusetts
County of Middlesex

On this 18th day of May, 20 15, before me, the undersigned notary
public, personally appeared Scott L. Harbeson,

- ☒ personally known to me, or
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acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL)  Notary Public Jennifer E. James-Wever

(print name)
My Commission expires ____/____/____