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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
AMANDA T. WAGNER	10/16/2017
JAMES V. CASSELLA	10/12/2017
PHILIP B. GRAHAM	10/16/2017
VIRGINIA BRAMAN	10/16/2017
VINITA UTTAMSINGH	10/16/2017
JANA VON HEHN	10/16/2017
COLLEEN E. HAMILTON	10/16/2017

RECEIVING PARTY DATA

Name:	CONCERT PHARMACEUTICALS, INC.
Street Address:	65 HAYDEN AVENUE
Internal Address:	SUITE 3000N
City:	LEXINGTON
State/Country:	MASSACHUSETTS
Postal Code:	02421

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16098338

CORRESPONDENCE DATA

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 61783210000

Email: sjammal@foleyhoag.com
Correspondent Name: SUSAN M. ABELLEIRA
Address Line 1: 155 SEAPORT BLVD
Address Line 2: FOLEY HOAG LLP

Address Line 4: BOSTON, MASSACHUSETTS 02210

ATTORNEY DOCKET NUMBER: CPQ-14201	
NAME OF SUBMITTER:	SANDRA JAMMAL
SIGNATURE:	/Sandra Jammal/

DATE SIGNED:	11/27/2019
Total Attachments: 6	
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Joint

ASSIGNMENT

WHEREAS, we, Amanda T. Wagner, James V. Cassella, Philip B. Graham, Virginia Braman, Vinita Uttamsingh, Jana Von Hehn, and Colleen E. Hamilton, have invented a certain improvement in Treatment of Hair Loss Disorders with Deuterated JAK Inhibitors 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. [], filed [];
the specification of which is a Patent Cooperation Treaty Application, International Application No. PCT/US17/031142, filed May 4, 2017, 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

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:
Amanda T. Wagner State/Commonwealth of Massachuse#5 County of Middlesey
On this/6 to day ofOctoberc20/7, before me, the undersigned notary public, personally appeared Amanda T. Wagner,
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 COL
My Commission e pi Commonwealth Of MASSACHUSETTS My Commission Expires September 16, 2022
Inventor's Signature: V. G.M.
James V. Cassella State/Commonwealth of <u>Massacrusetts</u> County of <u>Mubidleser</u>
On this day of <u>October</u> 20/7, before me, the undersigned notary public, personally appeared James V. Cassella,
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 Notary Pu
My Commission expires //
Notary Public Commonwealth of Massachusetts -3 - My Commission Expuss

Inventor's Signature:	
State/Commonwealth of <u>Massachuse</u> #S County of <u>Yndalesey</u>	itip B. Graham
On this day of day of for head of day of	am, 20/7, before me, the undersigned notary
personally known to me, or	
proved to me through satisfactory e	evidence of identification, which was
	n the foregoing instrument in my presence, and oing instrument as his/her free act and deed.
(SEAL)	Notary Public
	My Commission expires JENNIFER Frish MERNE VER MONTH MERNE VER MY Commission Expires Section 2007 MY Commission Expires
Inventor's Signature: Vugna	570mar
State/Commonwealth	rginia Braman
of Massachuse #5 County of Middlesex	
On this day of day of day of day of Dot by the public, personally appeared Virginia Brame	
personally known to me, or	
proved to me through satisfactory e	vidence of identification, which was
	n the foregoing instrument in my presence, and oing instrument as his/her free act and deed.
(SEAL)	Notary Public (print name)
	My Commission expires JENNIFER E. JAMES-WEVER Notary Public My Commission Expires September 16, 2022
	2022

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Inventor's Signature: \puttam	asing
	Vinita Uttamsingh
On this/& day of	be 20/7, before me, the undersigned notary asingh,
personally known to me, or	
proved to me through satisfactory	y evidence of identification, which was
to be the person whose name was signed acknowledged that he/she signed the fore	on the foregoing instrument in my presence, and egoing instrument as his/her free act and deed.
(SEAL)	Notary Public
	JENNIFE (TENNIFE AND C)
	My Commission expires September 18, 2022
State/Commonwealth of Massa Chuse Hs County of MUDDLe SU On this/6 day ofQc to public, personally appeared Jana Von He	
personally known to me, or	
proved to me through satisfactory	evidence of identification, which was
to be the person whose name was signed acknowledged that he/she signed the fore	on the foregoing instrument in my presence, and egoing instrument as his/her free act and deed.
(SEAL)	Notary Public (print name)
	My Commission expires / /
	JENNIFER E. JAMES-WEVER Notary Public COMMONWEALTH OF MASSACHUSETTS My Commission Expires September 16, 2022

Docket No. CPQ-142.25

Inventor's Signature:	
State/Commonwealth of <u>Massachuse</u> County of <u>Middleses</u>	. Hamilton
On this day of day of day of Delta public, personally appeared Colleen E. Hamilton	20/7, before me, the undersigned notary
personally known to me, or	
proved to me through satisfactory evider	ce of identification, which was
	foregoing instrument in my presence, and nstrument as his/her free act and deed. tary Public (print name) Commission (print name) Commission (print name) Commonwealth Of Massachusetts My Commission Expires September 16, 2022