PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4929720

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DONNA YU	01/11/2018
BARRY FORMAN	01/11/2018

RECEIVING PARTY DATA

Name:	CITY OF HOPE	
Street Address:	1500 E. DUARTE ROAD	
City:	DUARTE	
State/Country:	CALIFORNIA	
Postal Code:	91010-3000	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15787407

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ATTORNEY DOCKET NUMBER:	048440-620001US
NAME OF SUBMITTER:	JOOHEE LEE, PH.D.
SIGNATURE:	/Joohee Lee, Ph.D./
DATE SIGNED:	04/24/2018

Total Attachments: 5

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ASSIGNMENT

(Patent Application)

We, the undersigned, have invented certain inventions and improvements disclosed in a utility (provisional or non-provisional) or design patent application entitled

BILE ACID RECEPTOR MODULATORS AND METHODS OF USE THEREOF

filed with the U.S. Patent & Trademark Office on October 18, 2017

and assigned serial no. 15/787,407

For one dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which we acknowledge, we:

- 1. Agree to assign, transfer, convey, and sell, hereby assign, transfer, convey, and sell and have assigned, transferred, conveyed, and sold to City of Hope, having a principal place of business at 1500 E. Duarte Road, Duarte, CA 91010 ("Assignee"), the entire right, title, and interest in and to:
 - (a) all intellectual property (including, without limitation, any innovation, information, invention, discovery, product, process, work or design) disclosed, embodied, shown, or claimed in the above-referenced patent application, implicitly or explicitly;
 - (b) the above-referenced patent application, the right to claim priority to the above-referenced patent application, all applications based in whole or in part upon the above-referenced patent application, including, without limitation, all applications that are a provisional, non-provisional, design, divisional, continuation, continuation-in-part, registration, utility model, industrial design, reissue, renewal, substitute, extension, reexamination, post-grant review, inter partes review, supplemental examination or non-U.S. patent application or application for other rights based in whole or in part on the above-referenced patent application;
 - (c) all patents (including, without limitation, all U.S. and non-U.S. patents, registrations, utility models, industrial designs, design patents, counterparts, continuations, continuations-in-part, divisionals, reissues, renewals, substitutes, extensions, reexaminations, post-grant reviews, inter partes reviews and supplemental examinations) that are granted or issued upon, or that claim priority to, any and all applications described in (b) of this paragraph or that disclose or claim intellectual property described in (a) of this paragraph, in whole or in part; and
 - (d) all claims for damages by reason of past infringement of any rights under the applications or patents described in (a), (b) or (c) of this paragraph (including

ASSIGNMENT

U.S. Serial No. 15/787,407

Attorney Docket No.: 48440-620001US

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provisional rights to reasonable royalties pursuant to 35 U.S.C. §154(d)) and the right to sue for and collect such damages and royalties for Assignee's own use.

- 2. Authorize and request the U.S. Patent and Trademark Office or any other U.S. or non-U.S. agency to issue to the Assignee any and all patent(s), or other rights or documents, resulting from the intellectual property, patent application(s) and patents described in paragraph 1 of this Assignment.
- 3. Agree to sign all papers and documents, including without limitation, applications, declarations, oaths and petitions, and, at the Assignee's expense, perform any other acts that are necessary in connection with prosecution of patent application(s) or intellectual property described in paragraph 1 of this Assignment and the enforcement of patent(s) or other rights resulting from such patent application(s) or intellectual property.
- 4. Agree that the terms, covenants, and conditions of this Assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon us, as well as our heirs, legal representatives, and assigns.
- 5. Promise and affirm that we have not entered, and will not enter, into any assignment, contract, or understanding that conflicts with this Assignment.

Signed on the dates indicated beside our signatures.

Signature:	DONNA YU	Date: 1/11/20/5
Signature:		Date:
	BARRY FORMAN	

ASSIGNMENT U.S. Serial No. 15/787,407

Attorney Docket No.: 48440-620001US

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DEED OF ACCEPTANCE

We, City of Hope, with offices at 1500 E. Duarte Road, Duarte, CA 91010,

USA declare that we accept the rights given in the attached Assignment.

A. George Megaw, Ph.D.

Director, Office of Technology Licensing

73338176v.1

PTO/AIA/02 (07-13)

Approved for use through 04/30/2017. OMB 0651-0032 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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SUBSTITUTE STATEMENT IN LIEU OF AN OATH OR DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (35 U.S.C. 115(d) AND 37 CFR 1.64)

h				
Title of Invention	BILE ACID REC	CEPTOR MODULAT	ORS AND METHODS	S OF USE THEREOF
This statemen	nt is directed to:			
The att	ached application,			
OR				
X United S	States application or P	CT international applicati	on number15/787,4	07 filed on 10/18/2017
LEGAL NAN	IE of inventor to v	whom this substitute	e statement applies:	
(E.g., Given N	ame (first and middle	e (if any)) and Family Na		
			arry Forman	
Residence (e:	xcept for a decease	d or legally incapacital	ted inventor):	
Oit.		. .		
City Mailing Addre	oss (excent for a de	State ceased or legally incar	Country	
42 Arcata	oo (oxoopt tot a do	Journal of Togun, Thous	,,	
ı	rvine	CA	92602	United States of America
City		State	Zip	Country
I believe the above-named inventor or joint inventor to be the original inventor or an original joint inventor of a claimed invention in the application. The above-identified application was made or authorized to be made by me.				
I hereby acknown imprisonme	owledge that any willfind the street of not more than find the street of	ul false statement made ve (5) years, or both.	in this statement is punish	able under 18 U.S.C. 1001 by fine or
Relationship	to the inventor to wi	nom this substitute stat	ement applies:	
Legal Representative (for deceased or legally incapacitated inventor only),				
harman				
Assignee,				
x Person to whom the inventor is under an obligation to assign,				
Person who otherwise shows a sufficient proprietary interest in the matter (petition under 37 CFR 1.46 is required), or				
Joint	Joint Inventor.			

SUBSTITUTE STATEMENT		
Circumstances permitting execution of this substitute statement:		
Inventor is deceased,		
Inventor is under legal incapacity,		
x Inventor cannot be found or reached after diligent effort, or		
Inventor has refused to execute the oath or declaration under 37 CFR 1.63.		
If there are joint inventors, please check the appropriate box below:		
An application data sheet under 37 CFR 1.76 (PTO/AIA/14 or equivalent) naming the e or is currently submitted.	entire inventive entity has been	
OR		
An application data sheet under 37 CFR 1.76 (PTO/AIA/14 or equivalent) has not been s Statement Supplemental Sheet (PTO/AIA/11 or equivalent) naming the entire inventive e information is attached. See 37 CFR 1.64(b).	ubmitted. Thus, a Substitute ntity and providing inventor	
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PERSON EXECUTING THIS SUBSTITUTE STATEMENT:		
Name: A. George Megaw	Date (Optional):	
Signature:		
APPLICANT NAME AND TITLE OF PERSON EXECUTING THIS SUBSTITUTE STATEMENT: If the applicant is a juristic entity, list the applicant name and the title of the signer:		
CITY OF HODE		
Applicant Name: Off Off NOFE Title of Person Executing Senior Director, Office of Technology Licensing This Substitute Statement:		
The signer, whose title is supplied above, is authorized to act on behalf of the applicant.		
Residence of the signer (unless provided in an application data sheet, PTO/AIA/14 or equivalent):		
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Note: Use an additional PTO/AIA/02 form for each inventor who is deceased, legally incapacita		

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RECORDED: 04/24/2018