### 502560384 11/06/2013

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2606103

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### CONVEYING PARTY DATA

Name	Execution Date
SASWATI CHATTERJEE	12/12/2012
LAURA SMITH	12/14/2012
KAMEHAMEHA WONG	12/12/2012

#### RECEIVING PARTY DATA

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

#### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13668120

## CORRESPONDENCE DATA

 Fax Number:
 (206)332-7198

 Phone:
 310-788-9900

Email: ckirchner@perkinscoie.com

Correspondence will be sent via US Mail when the email attempt is unsuccessful.

Correspondent Name: PERKINS COIE LLP
Address Line 1: P.O. BOX 1247

Address Line 4: SEATTLE, WASHINGTON 98111-1247

ATTORNEY DOCKET NUMBER:	054435-8071.US02
NAME OF SUBMITTER:	LAUREN SLIGER
Signature:	/Lauren Sliger/
Date:	11/06/2013

### Total Attachments: 3

source=Assignments#page1.tif

source=Assignments#page2.tif

source=Assignments#page3.tif

<del>PATENT</del>

REEL: 031557 FRAME: 0495

OF \$40.00 13668120

502560384

# DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Title of RECOMBINANT ADENO-ASSOCIATED VECTORS FOR	TARGETED
Invention TREATMENT	
As the below named inventor, I hereby declare that:	
This declaration is The attached application, or	
directed to:  United States application or PCT international applic filed on November 2, 2012.	ation number <u>13/668,120</u>
The above-identified application was made or authorized to be made by me.	
I believe that I am the original inventor or an original joint inventor of a claimed inventor	ention in the application.
I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims.	
I acknowledge the duty to disclose information which is material to patentability as d	defined in 37 CFR 1.56.
WHEREAS, CITY OF HOPE (hereinafter referred to as "ASSIGNEE") having a place of business at: 1500 East Duarte Road, Duarte, California, 91010-3000, desires to acquire the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;	
NOW, THEREFORE, for valuable consideration, the receipt and sufficiency of which I hereby acknowledge, I, by these presents, do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefore in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.	
I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, 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 me had this Assignment and sale not been made.	
Further, I agree that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.	
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.	
LEGAL NAME OF INVENTOR: Saswati CHATTERJEE	
Signature: Date: 1	2/12/12
ON BEHALF OF ASSIGNEE: CITY OF HOPE	
Signature: Date: By: Larry A. Couture, Senior VP, C&TD	<u> 2/20/12</u>

# DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Title of	RECOMBINANT ADENO-ASSOCIATED VECTORS FOR TARGETED	
Invention	TREATMENT	
As the below nam	ed inventor, I hereby declare that:	
This declaration is	The attached application, or	
directed to:	☐ United States application or PCT international application number 13/668,120 filed on November 2, 2012.	
	ied application was made or authorized to be made by me.	
I believe that I am	I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.	
I hereby state that claims.	I have reviewed and understand the contents of the above-identified specification, including the	
I acknowledge the	duty to disclose information which is material to patentability as defined in 37 CFR 1.56.	
WHEREAS, CITY OF HOPE (hereinafter referred to as "ASSIGNEE") having a place of business at: 1500. East Duarte Road, Duarte, California, 91010-3000, desires to acquire the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries:		
NOW, THEREFORE, for valuable consideration, the receipt and sufficiency of which I hereby acknowledge, I, by these presents, do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefore in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.		
I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, 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 me had this Assignment and sale not been made.		
Further, I agree that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.		
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.		
LEGAL NAME (	OF INVENTOR: <u>Laura SMITH</u>	
Signature:	Lau 1) Jan Date: 12/14/12	
ON BEHALF OF ASSIGNEE CITY OF HOPE		
   Signature:		



PATENT REEL: 031557 FRAME: 0497

# DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Title of	RECOMBINANT ADENO-ASSOCIATED VECTORS FOR TARGETED	
Invention	TREATMENT	
As the below nam	ed inventor, I hereby declare that:	
This declaration is	The attached application, or	
directed to:	☐ United States application or PCT international application number 13/668,120 filed on November 2, 2012.	
The above-identif	ied application was made or authorized to be made by me.	
I believe that I am	the original inventor or an original joint inventor of a claimed invention in the application.	
I hereby state that claims.	I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims.	
I acknowledge the	e duty to disclose information which is material to patentability as defined in 37 CFR 1.56.	
WHEREAS, CITY OF HOPE (hereinafter referred to as "ASSIGNEE") having a place of business at: 1500 East Duarte Road, Duarte, California, 91010-3000, desires to acquire the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;		
NOW, THEREFORE, for valuable consideration, the receipt and sufficiency of which I hereby acknowledge, I, by these presents, do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefore in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.		
I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, 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 me had this Assignment and sale not been made.		
Further, I agree that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.		
	owledge that any willful false statement made in this declaration is punishable under 18 U.S.C. prisonment of not more than five (5) years, or both.	
LEGAL NAME	OF INVENTOR: Kamehameha WONG	
Signature: KACK KUDQ Date: 12.12,2012		
ON BEHALF OI	FASSIGNDE CITY OF HOPE	
Signature:	Date: /2/20/12	

\$4435-8071.US02/LEGAL25157833.1

**PATENT REEL: 031557 FRAME: 0498** 

**RECORDED: 11/06/2013** 

By: Larry A. Couture, Senior VP, CATO