

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4468377

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	DAVID HORNE	05/16/2012
	CHRISTOPHER LINCOLN	05/16/2012
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	CITY OF HOPE	
<b>Street Address:</b>	1500 EAST DUARTE ROAD	
<b>City:</b>	DUARTE	
<b>State/Country:</b>	CALIFORNIA	
<b>Postal Code:</b>	91010-3000	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	15418366
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>		
<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>Email:</b>	share@mintz.com	
<b>Correspondent Name:</b>	MINTZ LEVIN/SAN DIEGO OFFICE	
<b>Address Line 1:</b>	ONE FINANCIAL CENTER	
<b>Address Line 4:</b>	BOSTON, MASSACHUSETTS 02111	
<b>ATTORNEY DOCKET NUMBER:</b>	48440-509D01US	
<b>NAME OF SUBMITTER:</b>	BRIGITTE YVON	
<b>SIGNATURE:</b>	/Brigitte Yvon, Reg. No. 63,490/	
<b>DATE SIGNED:</b>	06/20/2017	
<b>Total Attachments: 6</b>		
source=48440-509D01US_Assignment#page1.tif		
source=48440-509D01US_Assignment#page2.tif		
source=48440-509D01US_Assignment#page3.tif		
source=48440-509D01US_Assignment#page4.tif		
source=48440-509D01US_Assignment#page5.tif		
source=48440-509D01US_Assignment#page6.tif		

**ASSIGNMENT**

THIS ASSIGNMENT is by Yun YEN, David HORNE, and Christopher LINCOLN (hereinafter collectively referred to as "Assignors"). Assignors have invented one or more certain inventions described in a United States Utility Patent Application entitled **RIBONUCLEOTIDE REDUCTASE INHIBITORS AND METHODS OF USE** (the "Application"), which was filed on February 1, 2012, as Application No. 13/364,263 (the "Invention(s)").

CITY OF HOPE, a corporation of the State of California, having a place of business at 1500 East Duarte Road, Duarte, CA 91010-3000 ("Assignee"), desires to acquire the entire right, title, and interest in and to the Invention(s) and the Application, and in and to any patents (collectively, "Patents") that may be granted for the Invention(s) in the United States or in any foreign countries.

For valuable consideration, the receipt and sufficiency of which we acknowledge, Assignors hereby sell, assign, and transfer to Assignee, its successors, legal representatives and assigns, the entire right, title, and interest in and to: the Invention(s), the Application, and any Patents; any divisions, continuations, and continuations-in-part of the Application; any reissues, reexaminations, or extensions of any and all Patents; the right to file foreign applications directly in the name of Assignee; and the right to claim priority rights deriving from the Application (collectively, the "Rights"). Assignors warrant that they are the sole owner of the Rights, and that the Rights are unencumbered. Assignors also agree to not sign any writing or do any act conflicting with this assignment and to sign all documents and do such additional acts as Assignee deems necessary or desirable to perfect Assignee's enjoyment of the Rights; prepare and prosecute the Application or any other applications for Patents;

conduct proceedings regarding the Rights, including any litigation or interference proceedings;  
or perfect or defend title to the Rights.

Assignors request the Commissioner of Patents to issue any Patent of the United  
States that may be issued on the invention(s) to Assignee.

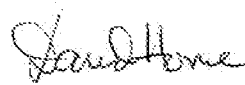
This Assignment may be executed in counterparts.

Assignors:


Date: \_\_\_\_\_

\_\_\_\_\_  
Yun YEN

Date: 05/16/2012

  
\_\_\_\_\_  
David HORNE

Date: 05/16/2012

  
\_\_\_\_\_  
Christopher LINCOLN

Assignee:

Date: \_\_\_\_\_

\_\_\_\_\_  
By: Larry A. Couture, Ph.D.  
City of Hope



**ASSIGNMENT**

THIS ASSIGNMENT is by Yun YEN, David HORNE, and Christopher LINCOLN (hereinafter collectively referred to as "Assignors"). Assignors have invented one or more certain inventions described in a United States Utility Patent Application entitled **RIBONUCLEOTIDE REDUCTASE INHIBITORS AND METHODS OF USE** (the "Application"), which was filed on February 1, 2012, as Application No. 13/364,263 (the "Invention(s)").

CITY OF HOPE, a corporation of the State of California, having a place of business at 1500 East Duarte Road, Duarte, CA 91010-3000 ("Assignee"), desires to acquire the entire right, title, and interest in and to the Invention(s) and the Application, and in and to any patents (collectively, "Patents") that may be granted for the Invention(s) in the United States or in any foreign countries.

For valuable consideration, the receipt and sufficiency of which we acknowledge, Assignors hereby sell, assign, and transfer to Assignee, its successors, legal representatives and assigns, the entire right, title, and interest in and to: the Invention(s), the Application, and any Patents; any divisions, continuations, and continuations-in-part of the Application; any reissues, reexaminations, or extensions of any and all Patents; the right to file foreign applications directly in the name of Assignee; and the right to claim priority rights deriving from the Application (collectively, the "Rights"). Assignors warrant that they are the sole owner of the Rights, and that the Rights are unencumbered. Assignors also agree to not sign any writing or do any act conflicting with this assignment and to sign all documents and do such additional acts as Assignee deems necessary or desirable to perfect Assignee's enjoyment of the Rights; prepare and prosecute the Application or any other applications for Patents;

conduct proceedings regarding the Rights, including any litigation or interference proceedings;  
or perfect or defend title to the Rights.

Assignors request the Commissioner of Patents to issue any Patent of the United  
States that may be issued on the Invention(s) to Assignee.

This Assignment may be executed in counterparts.

Assignors:

Date: 5/16/2012

  
Yun YEN

Date: \_\_\_\_\_

\_\_\_\_\_  
David HORNE

Date: \_\_\_\_\_

\_\_\_\_\_  
Christopher LINCOLN

Assignee:

Date: \_\_\_\_\_

\_\_\_\_\_  
By: Larry A. Couture, Ph.D.  
City of Hope

## **ASSIGNMENT**

THIS ASSIGNMENT is by Yun YEN, David HORNE, and Christopher LINCOLN (hereinafter collectively referred to as "Assignors"). Assignors have invented one or more certain inventions described in a United States Utility Patent Application entitled **RIBONUCLEOTIDE REDUCTASE INHIBITORS AND METHODS OF USE** (the "Application"), which was filed on February 1, 2012, as Application No. 13/364,263 (the "Invention(s)").

CITY OF HOPE, a corporation of the State of California, having a place of business at 1500 East Duarte Road, Duarte, CA 91010-3000 ("Assignee"), desires to acquire the entire right, title, and interest in and to the Invention(s) and the Application, and in and to any patents (collectively, "Patents") that may be granted for the Invention(s) in the United States or in any foreign countries.

For valuable consideration, the receipt and sufficiency of which we acknowledge, Assignors hereby sell, assign, and transfer to Assignee, its successors, legal representatives and assigns, the entire right, title, and interest in and to: the Invention(s), the Application, and any Patents; any divisions, continuations, and continuations-in-part of the Application; any reissues, reexaminations, or extensions of any and all Patents; the right to file foreign applications directly in the name of Assignee; and the right to claim priority rights deriving from the Application (collectively, the "Rights"). Assignors warrant that they are the sole owner of the Rights, and that the Rights are unencumbered. Assignors also agree to not sign any writing or do any act conflicting with this assignment and to sign all documents and do such additional acts as Assignee deems necessary or desirable to perfect Assignee's enjoyment of the Rights; prepare and prosecute the Application or any other applications for Patents;

conduct proceedings regarding the Rights, including any litigation or interference proceedings;  
or perfect or defend title to the Rights.

Assignors request the Commissioner of Patents to issue any Patent of the United States  
that may be issued on the Invention(s) to Assignee.

This Assignment may be executed in counterparts.

Assignors:

Date: \_\_\_\_\_

\_\_\_\_\_  
Yun YEN

Date: \_\_\_\_\_


\_\_\_\_\_  
David HORNE

Date: \_\_\_\_\_

\_\_\_\_\_  
Christopher LINCOLN

Assignee:

Date: 6/18/12

  
\_\_\_\_\_  
By: Larry A. Couture, Ph.D.  
City of Hope

Reviewed  
By  
MA