507806212 03/19/2023

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HUA YU	04/06/2019

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17217989

CORRESPONDENCE DATA

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NAME OF SUBMITTER:	LILANA DI NOLA-BARON
SIGNATURE:	/Liliana Di Nola-Baron/
DATE SIGNED:	03/19/2023

Total Attachments: 3

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PATENT **REEL: 063027 FRAME: 0183** 507806212

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

"PHOSPHOROTHIOATE-CONJUGATED mIRNAS AND METHODS OF USING THE SAME"

filed with the U.S. Patent & Trademark Office on June 1, 2018

and assigned serial no. 62/679,596

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

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PATENT REEL: 063027 FRAME: 0184 **ASSIGNMENT**

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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.

Jung			
Signature:		Date: 4/16/19	
	Hua Yu		

ASSIGNMENT

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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

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RECORDED: 03/19/2023

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