PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JACOB RAVN	04/19/2021
ERIK DAA FUNDER	05/04/2021

RECEIVING PARTY DATA

Name:	ROCHE INNOVATION CENTER COPENHAGEN A/S		
Street Address:	reet Address: F. HOFFMANN-LA ROCHE LTD., PATENT DEPARTMENT		
Internal Address: GRENZACHERSTRASSE 124			
City:	City: BASEL		
State/Country:	State/Country: SWITZERLAND		
Postal Code:	4070		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16300309

CORRESPONDENCE DATA

Fax Number: (404)685-6914

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.

Phone: 4048153614

Email: mdalton@sgrlaw.com
Correspondent Name: JUDY JARECKI-BLACK

Address Line 1: 1105 W. PEACHTREE STREET, NE

Address Line 2: SUITE 1000

Address Line 4: ATLANTA, GEORGIA 30309-3608

ATTORNEY DOCKET NUMBER:	067211.007US1
NAME OF SUBMITTER:	JUDY JARECKI-BLACK
SIGNATURE:	/Judy Jarecki-Black/
DATE SIGNED:	10/21/2021
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 3

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PATENT REEL: 057865 FRAME: 0159

Attorney Docket No.: 22460-0094US1 / P33622-US

ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, JACOB RAVN, and ERIK DAA FUNDER, each individually assign to ROCHE INNOVATION CENTER COPENHAGEN A/S, a corporation formed under the laws of Denmark and having a principal place of business at F. Hoffmann-La Roche Ltd, Patent Department, Grenzacherstrasse 124, 4070 Basel, SWITZERLAND, and its successors, transferees, and assignees (collectively the "Assignee"), all of our individual and joint right, title, and interest throughout the world in the invention(s) (the "Subject Matter") described in a patent application that names us as inventors, is titled "ENHANCED COUPLING OF STEREODEFINED OXAZAPHOSPHOLIDINE PHOSPHORAMIDITE MONOMERS TO NUCLEOSIDE OR OLIGONUCLEOTIDE," and was filed in the United States Patent and Trademark Office on November 9, 2018, as application 16/300,309 (the "Application").

This Assignment assigns, in addition to the Subject Matter, (a) the Application and all other applications that may be made for, and all patents, utility models, design registrations, and other rights of exclusion and inventors' certificates for, any of the Subject Matter (collectively the "Applications and Granted Rights") in every country or region and under every treaty or convention, (b) the right to claim priority based on and the benefit of the filing date of any of the Applications and Granted Rights under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other applicable treaties or conventions, and (c) the right to pursue, collect, and retain in the Assignee's name or otherwise, damages and any other remedies arising from any past, present, or future infringement of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment.

To the extent any portion of the rights assigned by this Assignment has previously been assigned to the Assignee, this Assignment is a confirmation of the previous assignment.

We authorize the Assignee to apply for and pursue protection for any or all of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment in all countries, regions, and territories of the world, in our names or in the Assignee's name.

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Attorney Docket No.: 22460-0094US1 / P33622-US

We represent and warrant that we have the right and power to make this Assignment and that we have not made and will not make any other assignment that conflicts with this Assignment.

We will communicate to the Assignee (or, at the request of the Assignee to other parties) all known facts in any form relating to the Subject Matter; will execute and provide all oaths and declarations, statements, testimony, assignments, powers of attorney, applications, and documents; and will perform all other lawful acts necessary or desirable to secure fully to the Assignee the rights, titles, and interests assigned by this Assignment.

JACOB RAVN	Date: /9/09-202(
JACOB RAYN	
Witnessed by:	
Signature:	Date:
Print Name:	
Signature:	Date:
Print Name:	

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Attorney Docket No.: 22460-0094US1 / P33622-US

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ERIK DAA	FUNDER	.Jat	
Witnessed I	ov: John Oil Johnson	/ Dat	e: 4th of May 2021
	Sidsel Dohl Schie		***
Signature: _		Dat	e:
Print Name	·		
The Assign	ee hereby acknowledges and a	accepts the foregoing assi	gnment.
	ROCHE INNOVATION CEN		
Signature:	Qmaqu	<u> </u>	Date: <u>01- June 202</u> 1
Name:	Susanne Amann duly authorized signatory	Funda Iskender Guly authorized siç	inatory
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