

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
WILLIAM JOSEPH ISSA	12/01/2014
JOHN GRANT AUNINS	06/09/2015
STEPHANE BANCEL	12/08/2014
RECEIVING PARTY DATA	
Name:	MODERNA THERAPEUTICS, INC.
Street Address:	200 TECHNOLOGY SQUARE
City:	CAMBRIDGE
State/Country:	MASSACHUSETTS
Postal Code:	02139
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17854187
CORRESPONDENCE DATA	
Fax Number:	(617)428-7045
<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>	
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Correspondent Name:	CLARK & ELBING LLP
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ATTORNEY DOCKET NUMBER:	50858-032003
NAME OF SUBMITTER:	MICHAEL J. BELLIVEAU, PH.D.
SIGNATURE:	/Michael J. Belliveau, Ph.D./
DATE SIGNED:	05/19/2023
Total Attachments: 4	
source=50858-032003 - Executed Assignment (All Inventors)#page1.tif	
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source=50858-032003 - Executed Assignment (All Inventors)#page3.tif	

ASSIGNMENT

For valuable consideration, we,

Full Name of Assignor	City	State (and Country if not USA)
William Joseph Issa	Cambridge	Massachusetts
John Grant Aunins	Cambridge	Massachusetts
Stephane Bancel	Cambridge	Massachusetts

hereby assign to

Full Name of Assignee	State of Incorporation	Business Address
ModeRNA Therapeutics, Inc.	Delaware	200 Technology Square Cambridge, MA 02139

and to its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title, and interest throughout the world in the inventions and improvements which are subject of one or more applications for United States Patent signed by us, identified as:

Title of Application	Filing Date	Serial Number
RIBONUCLEIC ACID PURIFICATION	March 13, 2014	PCT/US2014/026842

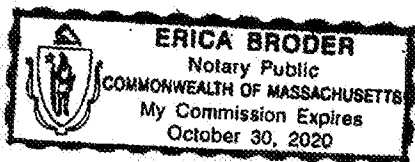
and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment includes said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our names or in its own name for patents, utility models, design registrations, and like rights of exclusion, and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation, to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements, and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment. This assignment also includes the right to sue for past acts of infringement, whether based on any patents listed herein, patents issuing from applications listed herein, or provisional rights from any patent applications listed herein.

IN WITNESS WHEREOF, I hereto set my hand and seal at Moderna Therapeutics
this 15th day of December, 2014.

[Signature] L.S.
William Joseph ISSA

STATE OF MA
COUNTY OF Middlesex :ss.

On this 15th day of December, 2014, before me, the undersigned notary public,
personally appeared William Joseph ISSA, proved to me through satisfactory evidence of identification,
which consisted of driver license, to be the person whose name is subscribed
to the foregoing Assignment, and acknowledged that he/she executed the same as his/her free act and
deed for the purposes therein contained.



[Notary's Seal Here]

[Signature]
Notary Public
My Commission Expires: 10 / 30 / 2020

IN WITNESS WHEREOF, I hereto set my hand and seal at _____
this ____ day of _____, 20____.

John Grant AUNINS L.S.

STATE OF _____
COUNTY OF _____ :ss.

On this ____ day of _____, 20____, before me, the undersigned notary public,
personally appeared John Grant AUNINS, proved to me through satisfactory evidence of identification,
which consisted of _____, to be the person whose name is subscribed
to the foregoing Assignment, and acknowledged that he/she executed the same as his/her free act and
deed for the purposes therein contained.

Notary Public
My Commission Expires:

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at _____
this ____ day of _____, 20____.

_____. L.S.

William Joseph ISSA

STATE OF _____

SS.

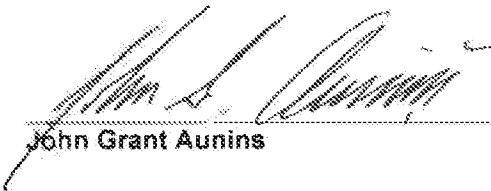
COUNTY OF _____

On this _____ day of _____, 20____, before me, the undersigned notary public,
personally appeared **William Joseph ISSA**, proved to me through satisfactory evidence of identification,
which consisted of _____, to be the person whose name is subscribed
to the foregoing Assignment, and acknowledged that he/she executed the same as his/her free act and
deed for the purposes therein contained.

Notary Public

My Commission Expires: _____

[Notary's Seal Here]


John Grant Aunins

JUNE 9, 2015

Date


Witnessed by

JACQUI WILSON

PRINTED NAME

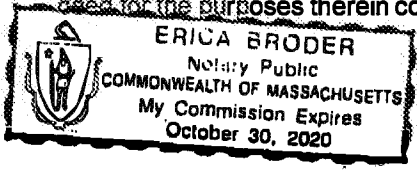
IN WITNESS WHEREOF, I hereto set my hand and seal at Moderna Therapeutics
this 9 day of December, 2019.

S. Bancel L.S.
Stephane BANCEL

STATE OF MA

COUNTY OF Middlesex :SS.

On this 9 day of December, 2019, before me, the undersigned notary public,
personally appeared **Stephane BANCEL**, proved to me through satisfactory evidence of identification,
which consisted of driver's license to be the person whose name is subscribed
to the foregoing Assignment, and acknowledged that he/she executed the same as his/her free act and
deed for the purposes therein contained.



EBroder
Notary Public

[Notary's Seal Here]

My Commission Expires: 10/30/2020