

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT3153397

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the RECEIVING PARTY NAME FROM MODERNA THERAPEUTICS TO MODERNA THERAPEUTICS, INC. previously recorded on Reel 028410 Frame 0392. Assignor(s) hereby confirms the RECEIVING PARTY NAME ON THE ATTACHED PATENT ASSIGNMENT COVER SHEET IS INCOMPLETE.

CONVEYING PARTY DATA

Name	Execution Date
JASON P. SCHRUM	05/23/2012
NOUBAR B. AFEYAN	05/29/2012
GREGORY J. SIECZKIEWICZ	05/29/2012
STEPHANE BANCEL	06/19/2012
ANTONIN DE FOUGEROLLES	05/22/2012
SAYDA M. ELBASHIR	05/22/2012

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:	13437034

CORRESPONDENCE DATA

Fax Number: (978)448-8721
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.

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Email: DOCKETING@DTWARDLAW.COM
Correspondent Name: DT WARD, PC
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ATTORNEY DOCKET NUMBER:	2030.1003US
NAME OF SUBMITTER:	LORI A. CZERWONKA
SIGNATURE:	/Lori A. Czerwonka/

DATE SIGNED:	12/18/2014
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Total Attachments: 5
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PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Jason P. Schrum</td> <td>05/23/2012</td> </tr> <tr> <td>Noubar B. Afeyan</td> <td>05/29/2012</td> </tr> <tr> <td>Gregory J. Sieczkiewicz</td> <td>05/29/2012</td> </tr> <tr> <td>Stephane Bancel</td> <td>06/19/2012</td> </tr> <tr> <td>Antonin de Fougères</td> <td>05/22/2012</td> </tr> <tr> <td>Sayda M. Elbashir</td> <td>05/22/2012</td> </tr> </tbody> </table>		Name	Execution Date	Jason P. Schrum	05/23/2012	Noubar B. Afeyan	05/29/2012	Gregory J. Sieczkiewicz	05/29/2012	Stephane Bancel	06/19/2012	Antonin de Fougères	05/22/2012	Sayda M. Elbashir	05/22/2012
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>modeRNA Therapeutics</td> </tr> <tr> <td>Street Address:</td> <td>161 First Street</td> </tr> <tr> <td>Internal Address:</td> <td>1st Floor</td> </tr> <tr> <td>City:</td> <td>Cambridge</td> </tr> <tr> <td>State/Country:</td> <td>MASSACHUSETTS</td> </tr> <tr> <td>Postal Code:</td> <td>02142</td> </tr> </table>		Name:	modeRNA Therapeutics	Street Address:	161 First Street	Internal Address:	1st Floor	City:	Cambridge	State/Country:	MASSACHUSETTS	Postal Code:	02142		
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Application Number:	13437034
CORRESPONDENCE DATA	
Fax Number:	(978)448-8721
Email:	kcorbett@dtwardlaw.com
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
Correspondent Name:	DTWARD, PC
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Address Line 4:	Groton, MASSACHUSETTS 01450
ATTORNEY DOCKET NUMBER:	2030.1003US/M003.10
NAME OF SUBMITTER:	Kristin Corbett
Signature:	/Kristin Corbett/
Date:	06/20/2012
Total Attachments: 3 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif	
RECEIPT INFORMATION	
EPAS ID:	PAT1998172
Receipt Date:	06/20/2012
Fee Amount:	\$40

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ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the person(s) named below (referred to as "INVENTOR" whether singular or plural) has sold, assigned, and transferred and does hereby sell, assign, and transfer to moderna Therapeutics, Inc., (08) 12118114 having a place of business at 161 First Street, 1st Floor, Cambridge, MA 02142, ("ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

1. The entire worldwide right, title, and interest in all inventions and improvements ("SUBJECT MATTER") that are disclosed in the following provisional application filed under 35 U.S.C. § 111(b), non-provisional application filed under 35 U.S.C. § 111(a), international application filed according to the Patent Cooperation Treaty (PCT), or U.S. national phase application filed under 35 U.S.C. § 371 ("APPLICATION"):

- Application No. 13/437,034, entitled "DELIVERY AND FORMULATION OF ENGINEERED NUCLEIC ACIDS", filed April 2, 2012, which claims priority from US Provisional Application No. 61/470,451, entitled "DELIVERY AND FORMULATION OF ENGINEERED NUCLEIC ACIDS," filed on March 31, 2011.

2. The entire worldwide right, title, and interest in and to:
(a) the APPLICATION; (b) all applications claiming priority from the APPLICATION; (c) all provisional, utility, divisional, continuation, substitute, renewal, reissue, and other applications related thereto which have been or may be filed in the United States or elsewhere in the world; (d) all patents (including reissues and re-examinations) which may be granted on the applications set forth in (a), (b), and (c) above; and (e) all right of priority in the APPLICATION and in any underlying provisional or foreign application, together with all rights to recover damages for infringement of provisional rights.

INVENTOR agrees that ASSIGNEE may apply for and receive patents for SUBJECT MATTER in ASSIGNEE's own name.

INVENTOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute all oaths, assignments, powers of attorney, applications, and other papers necessary or desirable to fully secure to ASSIGNEE the rights, titles and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER; and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. INVENTOR further agrees to provide any successor, assign, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

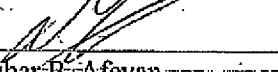
INVENTOR represents that INVENTOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that the INVENTOR has not made and will not hereafter make any assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.


Title: DELIVERY AND FORMULATION OF ENGINEERED NUCLEIC
ACIDS
Filed: April 2, 2012
Application No: 13/437,034

INVENTOR grants the attorney of record the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

Date _____ Signature _____
Name Jason P. Schrum

Date 5/29/2012 Signature 
Name Noubar B. Afeyan

Date 5/29/2012 Signature 
Name Gregory J. Siczkiwicz

Date 6/19/2012 Signature 
Name Stephane Bancel

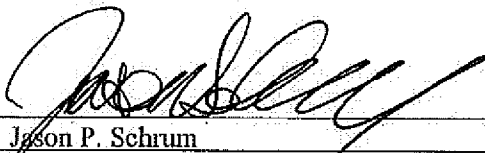
Date 5/22/2012 Signature 
Name Antonin de Fougerolles

Date 05/22/2012 Signature 
Name Sayda M. Elbashir

Title: DELIVERY AND FORMULATION OF ENGINEERED NUCLEIC ACIDS
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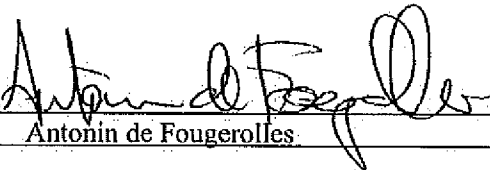
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Date 5/23/2012 Signature 
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