

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3205500

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the INVENTOR NAME previously recorded on Reel 034687 Frame 0101. Assignor(s) hereby confirms the INVENTOR, ANTONIN DE FOUGEROLLES, HAD A TYPO IN HIS NAME ON THE PREVIOUS COVER SHEET..
CONVEYING PARTY DATA	
Name	Execution Date
TIRTHA CHAKRABORTY	03/13/2013
ANTONIN DE FOUGEROLLES	03/13/2013
SAYDA M. ELBASHIR	03/13/2013
MATTHIAS JOHN	03/13/2013
ATANU ROY	03/14/2013
SUSAN WHORISKEY	03/13/2013
KRISTY M. WOOD	03/14/2013
JEFF LYNN ELLSWORTH	03/14/2013
JUSTIN GUILD	03/14/2013
PAUL HATALA	03/14/2013
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
PCT Number:	US2013030060
CORRESPONDENCE DATA	
Fax Number:	(978)448-2721
<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>	
Phone:	9784488720
Email:	docketing@dtwardlaw.com
Correspondent Name:	DTWARD, PC
Address Line 1:	142A MAIN STREET
Address Line 4:	GROTON, MASSACHUSETTS 01450

PATENT

ATTORNEY DOCKET NUMBER:	2030.1309PCT
NAME OF SUBMITTER:	JULIA DURAN
SIGNATURE:	/Julia Duran/
DATE SIGNED:	01/30/2015
Total Attachments: 7 source=2030.1309PCT_Assignment#page1.tif source=2030.1309PCT_Assignment#page2.tif source=2030.1309PCT_Assignment#page3.tif source=2030.1309PCT_Assignment#page4.tif source=2030.1309PCT_Assignment#page5.tif source=2030.1309PCT_Assignment#page6.tif source=2030.1309PCT_Assignment#page7.tif	

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3157104

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 030042 Frame 0848. Assignor(s) hereby confirms the RECEIVING PARTY NAME ON THE ATTACHED PATENT ASSIGNMENT COVER SHEET IS INCOMPLETE..

CONVEYING PARTY DATA

Name	Execution Date
TIRTHA CHAKRABORTY	03/13/2013
ANTONIN DE FOUGEROLLES	03/13/2013
SAYDA M. ELBASHIR	03/13/2013
MATTHIAS JOHN	03/13/2013
ATANU ROY	03/14/2013
SUSAN WHORISKEY	03/13/2013
KRISTY M. WOOD	03/14/2013
JEFF LYNN ELLSWORTH	03/14/2013
JUSTIN GUILD	03/14/2013
PAUL HATALA	03/14/2013

RECEIVING PARTY DATA

Name:	MODERNA THERAPEUTICS, INC.
Street Address:	200 TECHNOLOGY SQUARE
City:	CAMBRIDGE
State/Country:	MASSACHUSETTS
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Phone: 9784488720

Email: docketing@dtwardlaw.com

Correspondent Name: DTWARD, PC

Address Line 1: 142A MAIN STREET

Address Line 4: GROTON, MASSACHUSETTS 01450

PATENT

REEL: 034859 FRAME: 0841



United States Patent and Trademark Office

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Your assignment has been received by the USPTO.
The coversheet of the assignment is displayed below:

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT																						
NATURE OF CONVEYANCE:	ASSIGNMENT																						
CONVEYING PARTY DATA																							
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Tirtha Chakraborty</td><td>03/13/2013</td></tr><tr><td>Antonin de Fougères</td><td>03/13/2013</td></tr><tr><td>Sayda M. Elbashir</td><td>03/13/2013</td></tr><tr><td>Matthias John</td><td>03/13/2013</td></tr><tr><td>Atanu Roy</td><td>03/14/2013</td></tr><tr><td>Susan Whoriskey</td><td>03/13/2013</td></tr><tr><td>Kristy M. Wood</td><td>03/14/2013</td></tr><tr><td>Jeff Lynn Ellsworth</td><td>03/14/2013</td></tr><tr><td>Justin Guild</td><td>03/14/2013</td></tr><tr><td>Paul Hatala</td><td>03/14/2013</td></tr></tbody></table>	Name	Execution Date	Tirtha Chakraborty	03/13/2013	Antonin de Fougères	03/13/2013	Sayda M. Elbashir	03/13/2013	Matthias John	03/13/2013	Atanu Roy	03/14/2013	Susan Whoriskey	03/13/2013	Kristy M. Wood	03/14/2013	Jeff Lynn Ellsworth	03/14/2013	Justin Guild	03/14/2013	Paul Hatala	03/14/2013	
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RECEIVING PARTY DATA																							
<table border="1"><tr><td>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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PCT Number:	US2013030060

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Correspondent Name: DTWARD, PC
Address Line 1: 142A Main Street
Address Line 4: Groton, MASSACHUSETTS 01450

**ATTORNEY DOCKET
NUMBER:**

2030.1309PCT

NAME OF SUBMITTER:

Kristin Corbett

Signature:

/Kristin Corbett/

Date:

03/19/2013

Total Attachments: 4

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RECEIPT INFORMATION

EPAS ID: PAT2318591
Receipt Date: 03/19/2013
Fee Amount: \$40

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ASSIGNMENT

For good and valuable consideration, the sufficiency and 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, having a place of business at 161 First Street, 1st Floor, Cambridge, MA 02142, for itself and its successors, transferees, and assigns (herein "ASSIGNEE") 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. PCT/US2013/030060, entitled "MODIFIED POLYNUCLEOTIDES FOR THE PRODUCTION OF PROTEINS", filed March 9, 2013.

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 sue for and recover damages for past acts of infringement, whether based on any patents listed herein, patents issuing from applications listed herein or provisional rights from any patent application listed herein.

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.

Title: MODIFIED POLYNUCLEOTIDES FOR THE PRODUCTION OF
PROTEINS
Filed: March 9, 2013
Application No: PCT/US2013/030060

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.

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.

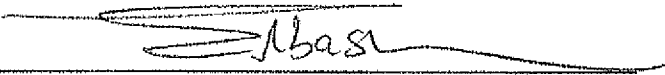
INVENTOR acknowledges the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

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 Stephane Bancel

Date 03/13/2013 Signature 
Name Tirtha Chakraborty

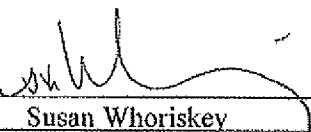
Date 03/13/2013 Signature 
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Date ^{14th} 13 Mar 2013 Signature _____
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