## PATENT ASSIGNMENT COVER SHEET

EPAS ID: PAT3156083

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE:

CORRECTIVE ASSIGNMENT

Corrective Assignment to correct the RECEIVING PARTY NAME FROM MODERNA THERAPEUTICS TO MODERNA THERAPEUTICS, INC. previously recorded on Reel 030633 Frame 0916. Assignor(s) hereby confirms the RECEIVING PARTY NAME ON THE ATTACHED PATENT ASSIGNMENT COVER SHEET IS INCOMPLETE.

#### **CONVEYING PARTY DATA**

Name	Execution Date
ANTONIN DE FOUGEROLLES	05/16/2013
KRISTY M. WOOD	05/16/2013
PEDRO VALENCIA	05/16/2013

#### **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
Application Number:	13897371

#### 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.

**Email:** docketing@dtwardlaw.com

Correspondent Name: DTWARD, PC

Address Line 1: 142A MAIN STREET

Address Line 4: GROTON, MASSACHUSETTS 01450

ATTORNEY DOCKET NUMBER:	2030.1011USCON2/M011TR1-2
NAME OF SUBMITTER:	KRISTIN CORBETT
SIGNATURE:	/KRISTIN CORBETT/
DATE SIGNED:	12/19/2014

**Total Attachments: 4** source=M011#page1.tif source=M011#page2.tif

PATENT 503109475 REEL: 034688 FRAME: 0173

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> PATENT REEL: 034688 FRAME: 0174



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#### PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

**NEW ASSIGNMENT** SUBMISSION TYPE: NATURE OF CONVEYANCE: ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Antonin de Fougerolles	05/16/2013
Kristy M. Wood	05/16/2013
Pedro Valencia	05/16/2013

#### **RECEIVING PARTY DATA**

Name:	Moderna Therapeutics	
Street Address:	161 First Street	
Internal Address:	1st Floor	
City:	Cambridge	
State/Country:	MASSACHUSETTS	
Postal Code:	02142	

#### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13897371

#### CORRESPONDENCE DATA

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9784488721

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Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.

Correspondent Name: DTWARD, PC Address Line 1: 142A Main Street Address Line 4: Groton, MASSACHUSETTS 01450	
ATTORNEY DOCKET NUMBER:	2030.1011USCON2
NAME OF SUBMITTER:	Kristin Corbett
Signature:	/Kristin Corbett/
Date:	06/18/2013
Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif	
RECEIPT INFORMATION	
EPAS ID:         PAT243099           Receipt Date:         06/18/2013           Fee Amount:         \$40	8

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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. 13/897,371 , entitled "FORMULATION AND DELIVERY OF PLGA MICROSPHERES", filed May 18, 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.

Attorney Docket No: 2030,1011USCON2/M011.TR1-2

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PATENT REEL: 034688 FRAME: 0177

Title:
Filed:

FORMULATION AND DELIVERY OF PLGA MICROSPHERES

PCT Application No:

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 <u>5/16/2013</u>	Signature Autou do Torres Oliver Name Antonin de Fougerolles
Date <u>5/16/2013</u>	Signature Kristy M. Wood
Date 5/16/2013	Signature Name Pedro Valencia

Attorney Docket No: 2030.1011USCON2/M011.TR1-2

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