Electronic Version v1.1  Stylesheet Version v1.2

**SUBMISSION TYPE:**  NEW ASSIGNMENT

**NATURE OF CONVEYANCE:**  ASSIGNMENT

### CONVEYING PARTY DATA

<table>
<thead>
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<th>Name</th>
<th>Execution Date</th>
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<tbody>
<tr>
<td>STEPHANE BANCEL</td>
<td>02/07/2014</td>
</tr>
<tr>
<td>TIRTHA CHAKRABORTY</td>
<td>02/07/2014</td>
</tr>
<tr>
<td>ANTONIN DE FOUGEROLLES</td>
<td>02/07/2014</td>
</tr>
<tr>
<td>SUSAN WHORISKEY</td>
<td>02/07/2014</td>
</tr>
<tr>
<td>RON WEISS</td>
<td>02/26/2014</td>
</tr>
</tbody>
</table>

### RECEIVING PARTY DATA

- **Name:** MODERNA THERAPEUTICS, INC.
- **Street Address:** 200 TECHNOLOGY SQUARE
- **City:** CAMBRIDGE
- **State/Country:** MASSACHUSETTS
- **Postal Code:** 02139

**PROPERTY NUMBERS Total: 1**

<table>
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<th>Number</th>
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### CORRESPONDENCE DATA

- **Fax Number:** (978)448-8721
- **Phone:** 9784488720
- **Email:** docketing@dtwardlaw.com

Correspondence will be sent via US Mail when the email attempt is unsuccessful.

- **Correspondent Name:** DT WARD, PC
- **Address Line 1:** 142A MAIN STREET
- **Address Line 4:** GROTON, MASSACHUSETTS 01450

**ATTORNEY DOCKET NUMBER:** 2030.1308USCON

**NAME OF SUBMITTER:** ANITA M. COSTA

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**PATENT**

**REEL:** 032338 **FRAME:** 0805
<table>
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<tr>
<th>Signature</th>
<th>/Anita M. Costa/</th>
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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, Inc. having a place of business at 200 Technology Square, Cambridge, MA 02139, 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"):  

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   (a) the APPLICATION; (b) all applications claiming priority from the APPLICATION; 
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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.

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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  2/7/14
Signature
Name  Stephane Bancel

Date
Signature
Name  Tirtha Chakraborty

Date
Signature
Name  Antonin de Fougerolles

Date
Signature
Name  Susan Whoriskey

Date
Signature
Name  Ron Weiss
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