

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3823205

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
GIUSEPPE CIARAMELLA	07/01/2015
AXEL BOUCHON	10/06/2015
ERIC YI-CHUN HUANG	06/29/2015
RECEIVING PARTY DATA	
Name:	MODERNA THERAPEUTICS, INC.
Street Address:	320 BENT STREET
City:	CAMBRIDGE
State/Country:	MASSACHUSETTS
Postal Code:	02141
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15091123
CORRESPONDENCE DATA	
Fax Number:	(617)646-8646
<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:	617-646-8000
Email:	Patents_HelenL@WolfGreenfield.com
Correspondent Name:	WOLF, GREENFIELD & SACKS, P.C.
Address Line 1:	600 ATLANTIC AVENUE
Address Line 4:	BOSTON, MASSACHUSETTS 02210
ATTORNEY DOCKET NUMBER:	M1378.70002US04
NAME OF SUBMITTER:	HELEN C. LOCKHART
SIGNATURE:	/Helen C. Lockhart/
DATE SIGNED:	04/11/2016
Total Attachments: 7	
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ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned Assignor, hereby:

1. Sell, assign and transfer to **Moderna Therapeutics, Inc.**, having a place of business at **320 Bent Street; Cambridge, Massachusetts 02141**, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, my entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the international PCT application filed in the Receiving Office at the United States Patent and Trademark Office on **April 23, 2015** under No. **PCT/US2015/027400**, bearing Attorney Docket No. **M1378.70002WO00**, and entitled **NUCLEIC ACID VACCINES**, and in and to the application and all corresponding provisional, non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any foreign country, including but not limited to China, Japan and Korea, on any of the inventions; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction on the inventions, including the right to apply for patent rights in each foreign country and all rights to priority, including the right to claim priority for China, Japan and Korea; as well as the right to sue in its own name and recover damages for past infringement of any United States Letters patent and foreign patent;
2. Agree that the Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for the inventions in its own name; and when requested, without charge to but at the expense of the Assignee, I agree to carry out in good faith the intent and purpose of this assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design applications on any and all the inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to the Assignee all facts known to me relating to the inventions and the history thereof, and generally by doing everything reasonably possible which the Assignee shall consider desirable for aiding in securing and maintaining proper protection for the inventions and for vesting title to the inventions and all applications for patents and all patents on the inventions, in the Assignee;
3. Request the Director of the United States Patent and Trademark Office to issue the Letters Patent to the Assignee;
4. Authorize and request Wolf, Greenfield & Sacks, P.C. to supply any missing patent/application identification information or correct any errors in the patent/application identification information provided above, whether discovered prior to or after recordation;
5. Covenant with the Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me; and
6. Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

This instrument is executed under seal and signed under the pains and penalties of perjury under the laws of the United States of America.

7/1/2015

Date

Giuseppe Ciaramella

Inventor: Giuseppe Ciaramella

Address: 1 Hawes Road

Sudbury, Massachusetts 01776

Citizenship: Italy

STATE/Commonwealth of MA
COUNTY OF Middlesex:

On this 1 day of July, 2015, before me, the undersigned notary public, personally appeared Giuseppe Ciaramella, proved to me through satisfactory evidence of identification, which were None, to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

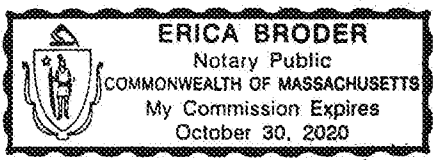
SEAL

Erica Broder

Notary Public

My commission expires:

10/30/2020



6/29/15

Date

[Handwritten Signature]

Inventor: Eric Yi-Chun Huang

Address: 90 Wareham Street

Apartment 302

Boston, Massachusetts 02118

UNITED STATES OF AMERICA

Citizenship: US

STATE/Commonwealth of MA
COUNTY OF MIDDLESEX:

On this 21 day of June, 2015, before me, the undersigned notary public, personally appeared Eric Yi-Chun Huang, proved to me through satisfactory evidence of identification, which were None, to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

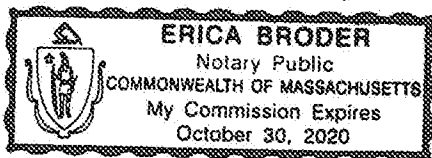
SEAL

[Handwritten Signature]

Notary Public

My commission expires:

10/30/2020



ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned Assignor, hereby:

1. Sell, assign and transfer to **Moderna Therapeutics, Inc.**, having a place of business at **320 Bent Street; Cambridge, Massachusetts 02141**, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, my entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the international PCT application filed in the Receiving Office at the United States Patent and Trademark Office on **April 23, 2015** under No. **PCT/US2015/027400**, bearing Attorney Docket No. **M1378.70002W000**, and entitled **NUCLEIC ACID VACCINES**, and in and to the application and all corresponding provisional, non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any foreign country, including but not limited to China, Japan and Korea, on any of the inventions; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction on the inventions, including the right to apply for patent rights in each foreign country and all rights to priority, including the right to claim priority for China, Japan and Korea; as well as the right to sue in its own name and recover damages for past infringement of any United States Letters patent and foreign patent;
2. Agree that the Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for the inventions in its own name; and when requested, without charge to but at the expense of the Assignee, I agree to carry out in good faith the intent and purpose of this assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design applications on any and all the inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to the Assignee all facts known to me relating to the inventions and the history thereof, and generally by doing everything reasonably possible which the Assignee shall consider desirable for aiding in securing and maintaining proper protection for the inventions and for vesting title to the inventions and all applications for patents and all patents on the inventions, in the Assignee;
3. Request the Director of the United States Patent and Trademark Office to issue the Letters Patent to the Assignee;
4. Authorize and request Wolf, Greenfield & Sacks, P.C. to supply any missing patent/application identification information or correct any errors in the patent/application identification information provided above, whether discovered prior to or after recordation;
5. Covenant with the Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me; and
6. Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

This instrument is executed under seal and signed under the pains and penalties of perjury under the laws of the United States of America.

Date _____

Inventor: Giuseppe Ciaramella

Address: 1 Hawes Road

Sudbury, Massachusetts 01776

Citizenship: Italy

STATE/Commonwealth of _____
COUNTY OF _____ :

On this _____ day of _____, _____, before me, the undersigned notary public, personally appeared Giuseppe Ciaramella, proved to me through satisfactory evidence of identification, which were _____, to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL

Notary Public

My commission expires: _____

October 6, 2015
Date


Inventor: Axel Bouchon

Address: 157 6th Street

Apartment 702

Cambridge, Massachusetts 02142

UNITED STATES OF AMERICA

Citizenship: GERMAN


WINNERWEG 3

14532 KLEINMACHEN

GERMANY

Witness:

October 6, 2015
Date

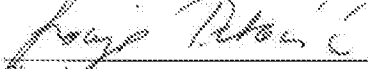

Signature

Name: Despina Papazoglou

Address: Stadtwaldgütel 74
50821 Köln

Witness:

Oct 6th, 2015
Date


Signature

Name: Senja Perronic

Address: WERWOLF 56

42651 Solingen

GERMANY

Date: _____

Inventor: Eric Yi-Chun Huang _____

Address: 90 Wareham Street

Apartment 302

Boston, Massachusetts 02118

UNITED STATES OF AMERICA

Citizenship: _____

STATE/Commonwealth of _____

County of _____ :

On this _____ day of _____, _____, before me, the undersigned notary public, personally appeared Eric Yi-Chun Huang, proved to me through satisfactory evidence of identification, which were _____, to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL

Notary Public

My commission expires: _____