

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5615939

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Paolo Martini	06/24/2019
Vladimir Presnyak	06/21/2019
Kerry Benenato	06/25/2019
STEPHEN HOGE	05/21/2019
Iain McFadyen	06/13/2019
ELLALAHEWAGE SATHYAJITH KUMARASINGHE	06/13/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	MODERNATX, INC.
<b>Street Address:</b>	200 TECHNOLOGY SQUARE
<b>City:</b>	CAMBRIDGE
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	02139
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16002376
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(877)769-7945
<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>	
<b>Phone:</b>	(212) 765-5070
<b>Email:</b>	apsi@fr.com
<b>Correspondent Name:</b>	JACK BRENNAN
<b>Address Line 1:</b>	FISH & RICHARDSON P.C.
<b>Address Line 2:</b>	P.O.BOX 1022
<b>Address Line 4:</b>	MINNEAPOLIS, MINNESOTA 55440-1022
<b>ATTORNEY DOCKET NUMBER:</b>	45817-0009001
<b>NAME OF SUBMITTER:</b>	CAROL TYRRELL
<b>SIGNATURE:</b>	/Carol Tyrrell/
<b>DATE SIGNED:</b>	07/12/2019

**Total Attachments: 4**

source=458170009001Assignment#page1.tif

source=458170009001Assignment#page2.tif

source=458170009001Assignment#page3.tif

source=458170009001Assignment#page4.tif

### ASSIGNMENT

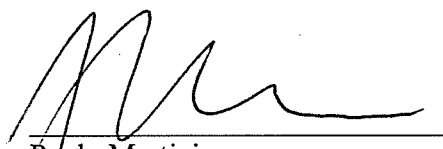
For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, PAOLO MARTINI, VLADIMIR PRESNYAK, KERRY BENENATO, STEPHEN HOGE, IAIN MCFADYEN, and ELLALAHEWAGE SATHYAJITH KUMARASINGHE, each individually assign to MODERNATX, INC., a corporation formed under the laws of Delaware and having a principal place of business at 200 Technology Square, Cambridge, MA 02139, and its successors, transferees, and assignees (collectively the “Assignee”), all of our individual and joint right, title, and interest throughout the world in the invention(s) (the “Subject Matter”) described in a patent application that names us as inventors, is titled “POLYNUCLEOTIDES ENCODING METHYLMALONYL-COA MUTASE,” and was filed in the International Bureau of WIPO on December 16, 2016, as application PCT/US2016/067393 (the “Application”).

This Assignment assigns, in addition to the Subject Matter of the Application, (a) the Application and all other applications that may be made for, and all patents, utility models, design registrations, and other rights of exclusion and inventors’ certificates for, any of the Subject Matter (collectively the “Applications and Granted Rights”) in every country or region and under every treaty or convention, (b) the right to claim priority based on and the benefit of the filing date of any of the Applications and Granted Rights under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other applicable treaties or conventions, and (c) the right to pursue, collect, and retain in the Assignee’s name or otherwise, damages and any other remedies arising from any past, present, or future infringement of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment.

We authorize the Assignee to apply for and pursue protection for any or all of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment in all countries, regions, and territories of the world, in our names or in the Assignee’s name.

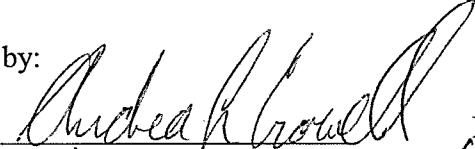
We represent and warrant that we have the right and power to make this Assignment and that we have not made and will not make any other assignment that conflicts with this Assignment.

We will communicate to the Assignee (or, at the request of the Assignee to other parties) all known facts in any form relating to the Subject Matter; will execute and provide all oaths and declarations, statements, testimony, assignments, powers of attorney, applications, and documents; and will perform all other lawful acts necessary or desirable to secure fully to the Assignee the rights, titles, and interests assigned by this Assignment.

  
Paolo Martini

Date: 06/24/19

Witnessed by:

Signature: 

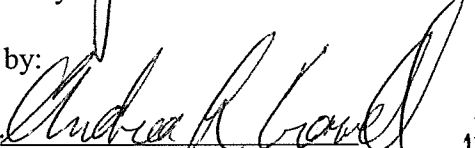
Date: 6/24/19

Print Name: Andrea L. Crowell

  
Vladimir Presnyak

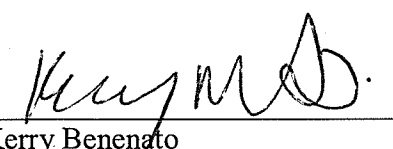
Date: 06/21/19

Witnessed by:

Signature: 


Date: ~~6/21~~<sup>AE</sup> 6/21/2019

Print Name: Andrea L. Crowell

  
Kerry Benenato

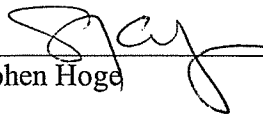
Date: 6/25/19

Witnessed by:

Signature: 

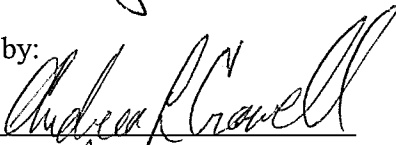
Date: 6/25/2019

Print Name: Andrea L. Crowell

  
Stephen Hoge

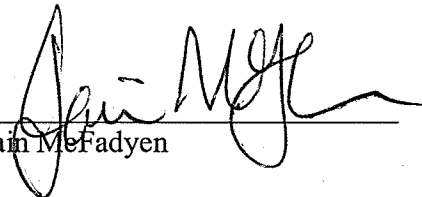
Date: 5/21/19

Witnessed by:

Signature: 

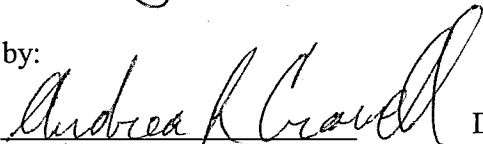
Date: 5/21/19

Print Name: Andrea L. Crowell

  
Iain McFadyen


Date: 06/13/2019

Witnessed by:

Signature: 

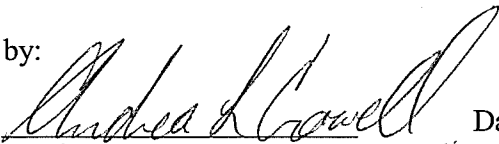
Date: 6/13/2019

Print Name: Andrea L. Crowell

  
Ellalahewage Sathyajith Kumarasinghe

Date: 6/13/2019

Witnessed by:

Signature: 

Date: 6/13/2019

Print Name: Andrea L. Crowell

The Assignee hereby acknowledges and accepts the foregoing assignment.

Assignee: MODERNATX, INC.

Signature: \_\_\_\_\_

Date: June 25, 2019

Name: \_\_\_\_\_

**Debra J. Milasincic**

Title: \_\_\_\_\_

**Head of Intellectual Property**