

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5045788

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
STEPHEN HOGE	06/28/2018
TIRTHA CHAKRABORTY	05/31/2018
GILLES BESIN	05/31/2018
RUCHI JAIN	06/22/2018
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15761220
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SIGNATURE:	/Amy E. Mandragouras, Esq./
DATE SIGNED:	07/09/2018
Total Attachments: 6	
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PATENT

REEL: 046322 FRAME: 0038

ASSIGNMENT BY INVENTORS

WE, Stephen HOGE; Tirtha CHAKRABORTY; Gilles BESIN; and Ruchi JAIN, of Brookline, Massachusetts; Medford, Massachusetts; Medford, Massachusetts; and Brookline, Massachusetts, respectively, for good and valuable consideration paid to us by

ModernaTX, Inc.

a Corporation of Delaware, having its principal place of business at 200 Technology Square, Cambridge, Massachusetts 02139, the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said

ModernaTX, Inc.

its successors and assigns, the entire interest for the United States of America and all foreign countries including all rights of priority under the International Convention for the Protection of Industrial Property in a certain invention or improvement in

METHODS FOR THERAPEUTIC ADMINISTRATION OF MESSENGER RIBONUCLEIC ACID DRUGS

described in an application

☐ Executed by us of even date herewith and about to be filed

or

☒ Application No. 15/761220, filed on March 19, 2018

This application claims the benefit of the following provisional application(s):

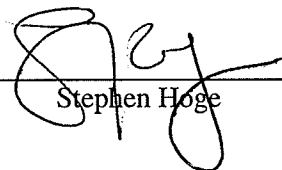
- ☒ Provisional Application No. 62/317366, filed on April 1, 2016
- Provisional Application No. 62/338386, filed on May 18, 2016
- Provisional Application No. 62/350149, filed on June 14, 2016
- Provisional Application No. 62/338388, filed on May 18, 2016
- Provisional Application No. 62/317271, filed on April 1, 2016
- Provisional Application No. 62/338385, filed on May 18, 2016
- Provisional Application No. 62/317268, filed on April 1, 2016
- Provisional Application No. 62/237462, filed on October 5, 2015

in the United States Patent and Trademark Office, and in all Letters Patent of the United States and all foreign countries which may or shall be granted on said invention, or any parts thereof, or on said application, or any divisional, continuing, reissue or other applications based in whole or in part thereon. And we agree, for ourselves and our executors and administrators, with said Corporation and its successors and assigns but at its or their expense and charges, hereafter to execute all applications, amended specifications, deed or other instrument, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and in all other countries to said Corporation, with specifications

and claims in such form as shall be approved by the counsel of said Corporation and to vest and confirm in said Corporation, its successors and assigns, the legal title to all such patents.

And we do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said Corporation, its successors and assigns.

And we do further hereby grant the attorneys/agents of Nelson Mullins Riley & Scarborough LLP, the power to insert on this Assignment the filing date and/or application number of said application.



Stephen Hoge

Date: 6/28/18

United States of America
State of Massachusetts ss.:
County of Middlesex

On this 28 day of June, 2018, before me, the
the undersigned notary public, personally appeared Stephen Hoge
(name of document signer), proved to me through satisfactory evidence of identification,
which was personally known, to be the person whose name
is signed on the preceding or attached document in my presence.

 (official signature and seal of notary)

My commission expires 1/3/2025



ANDREA L. CROWELL
Notary Public
Commonwealth of Massachusetts
My Commission Expires
January 3, 2025


Tirtha Chakraborty

Date: 05/31/2018

United States of America)
State of Massachusetts) ss.:
County of Middlesex)


On this 31 day of May, 2018 before me, the
the undersigned notary public, personally appeared Tirtha Chakraborty
(name of document signer), proved to me through satisfactory evidence of identification,
which was personally known, to be the person whose name
is signed on the preceding or attached document in my presence.

 (official signature and seal of notary)

My commission expires 1/3/2025




ANDREA L. CROWELL
Notary Public
Commonwealth of Massachusetts
My Commission Expires
January 3, 2025


Giles Besin

Date: 05/31/2018

United States of America)
State of Massachusetts) ss.:
County of Middlesex)

On this 31 day of May, 2018 before me, the
the undersigned notary public, personally appeared Giles Besin
(name of document signer), proved to me through satisfactory evidence of identification,
which was personally known, to be the person whose name
is signed on the preceding or attached document in my presence.


(official signature and seal of notary)
My commission expires 1/3/2025



ANDREA L. CROWELL
Notary Public
Commonwealth of Massachusetts
My Commission Expires
January 3, 2025

Ruchi Jain
Ruchi Jain

Date: 6/22/2018

United States of America
State of Massachusetts ss.:
County of Middlesex

On this 22 day of June, 2018 before me, the
the undersigned notary public, personally appeared Ruchi Jain
(name of document signer), proved to me through satisfactory evidence of identification,
which was personally known, to be the person whose name
is signed on the preceding or attached document in my presence.

Andrea L. Crowell (official signature and seal of notary)
My commission expires 1/3/2025



ANDREA L. CROWELL
Notary Public
Commonwealth of Massachusetts
My Commission Expires
January 3, 2025