

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5044431

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ALEXION PHARMACEUTICALS, INC.	01/09/2018
<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>
<b>Application Number:</b>	15781827
<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>	
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<b>ATTORNEY DOCKET NUMBER:</b>	45817-0031US1
<b>NAME OF SUBMITTER:</b>	CAROL TYRRELL
<b>SIGNATURE:</b>	/Carol Tyrrell/
<b>DATE SIGNED:</b>	07/11/2018
<b>Total Attachments: 2</b>	
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## ASSIGNMENT

This Assignment, effective on January 9, 2018 is between ALEXION PHARMACEUTICALS, INC., a corporation organized and existing under the laws of the State of Delaware, having a place of business at 100 College Street, New Haven, Connecticut 06510 (hereinafter "ASSIGNOR"), and MODERNA TX, INC., a corporation having a place of business at 320 Bent Street, Cambridge, Massachusetts (hereafter "ASSIGNEE"),

WHEREAS, ASSIGNOR owns certain rights, titles, and interests in and to patent applications listed on Schedule 1 and inventions claimed therein (hereinafter "PATENT RIGHTS"), and whereas ASSIGNOR wishes to convey and transfer all of its rights, titles, and interests in and to such PATENT RIGHTS to ASSIGNEE.

NOW, THEREFORE, for good and valuable consideration paid by ASSIGNEE to ASSIGNOR, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR hereby assigns to ASSIGNEE, its successors and assignees all of its rights, titles, and interests in and to the PATENT RIGHTS.

ASSIGNOR hereby acknowledges that this assignment carries with it the right in ASSIGNEE to apply for and to obtain from competent authorities in all countries of the world letters patent its own name as assignee of the entire right, title and interest therein.

IN TESTIMONY WHEREOF, ASSIGNOR has caused this Assignment to be executed by its duly authorized officer.

ALEXION PHARMACEUTICALS, INC.

By   
Todd Spalding – Vice President Head of IP

Date Jan 9, 2018

**Schedule 1**

US 62/539,136

US 62/536,000

US 62/535,289

US 62/535,299

US 62/522,411

PCT/US2016/065814

PCT/US2016/065796