

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7762460

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	AIMEE M. DEATON	11/30/2022
	JOHN MICHAEL GANSNER	12/06/2022
	JAMES D. MCININCH	11/30/2022
	MARK K. SCHLEGEL	12/05/2022
	BENJAMIN P. GARFINKEL	11/30/2022
RECEIVING PARTY DATA		
Name:	ALNYLAM PHARMACEUTICALS, INC.	
Street Address:	675 WEST KENDALL STREET	
Internal Address:	HENRI A. TERMEER SQUARE	
City:	CAMBRIDGE	
State/Country:	MASSACHUSETTS	
Postal Code:	02142-1110	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	18150827	
CORRESPONDENCE DATA		
Fax Number:		
<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:	6174496500	
Email:	fkatsikis@mccarter.com	
Correspondent Name:	MCCARTER AND ENGLISH, LLP	
Address Line 1:	265 FRANKLIN STREET	
Address Line 4:	BOSTON, MASSACHUSETTS 02110	
ATTORNEY DOCKET NUMBER:	121301-15403	
NAME OF SUBMITTER:	DEBORAH L. NAGLE, PH.D.	
SIGNATURE:	/Deborah L. Nagle/	
DATE SIGNED:	01/26/2023	
Total Attachments: 7		

source=ALN-403WO01 - Completed Executed Assignments 12-7-22#page1.tif
source=ALN-403WO01 - Completed Executed Assignments 12-7-22#page2.tif
source=ALN-403WO01 - Completed Executed Assignments 12-7-22#page3.tif
source=ALN-403WO01 - Completed Executed Assignments 12-7-22#page4.tif
source=ALN-403WO01 - Completed Executed Assignments 12-7-22#page5.tif
source=ALN-403WO01 - Completed Executed Assignments 12-7-22#page6.tif
source=ALN-403WO01 - Completed Executed Assignments 12-7-22#page7.tif

ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor (hereinafter referred to singly and collectively as "ASSIGNOR") has sold, assigned, and transferred, and hereby sells, assigns, and transfers, unto

Alnylam Pharmaceuticals, Inc.
675 West Kendall Street
Henri A. Termeer Square
Cambridge, Massachusetts 02142
United States of America

(hereinafter referred to as "ASSIGNEE") its successors and assigns, the full and exclusive right, title and interest for the United States, its territories and possessions, and all foreign countries in and to this invention relating to

TRANSMEMBRANE PROTEASE, SERINE 6 (TMPRSS6) iRNA COMPOSITIONS AND METHODS OF USE THEREOF

as set forth in the following Patent Applications:

International Application No. PCT/US2022/026097, filed April 25,
Argentine Patent Application No. 20220101071, filed April 25, 2022
Taiwanese Patent Application No. 111115644, filed April 25, 2022

which claim the benefit of the following Applications:

United States Provisional Application No. 63/278,227, filed November 11, 2021
United States Provisional Application No. 63/179,607, filed April 26, 2021

Including (a) all other applications for Letters Patent of the United States and countries foreign thereto for above-identified invention or inventions, (b) all Letters Patent which may issue from said applications in the United States and countries foreign thereto, (c) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (d) the right to claim for any of said applications the full benefits and priority rights under the International Convention and any other international agreement to which the United States adheres; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

ASSIGNOR HEREBY AUTHORIZES ASSIGNEE to file patent applications in any or all countries on the above-identified invention or inventions in the name of the undersigned or in the name of ASSIGNEE or otherwise as ASSIGNEE may deem advisable under the International Convention or otherwise.

ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

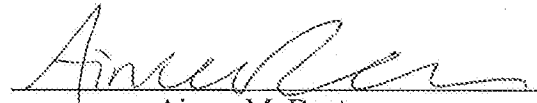
ASSIGNOR HEREBY AGREES (a) to communicate to ASSIGNEE, its successors and assigns, or their representative or agents, all facts and information known or available to ASSIGNOR respecting said invention or inventions, including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in the United States or a country foreign thereto; (c) to execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, and declarations, depositions; and (d) to provide all reasonable assistance to ASSIGNEE, its successors and assigns, in obtaining and enforcing proper title in and protection for said invention or inventions under the intellectual property laws of the United States and countries foreign thereto.


ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

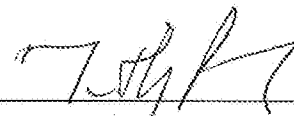
ASSIGNOR HEREBY GRANTS to the law firm of **McCarter & English, LLP** the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

ASSIGNOR UNDERSTANDS AND AGREES that the attorneys and agents of the law firm of **McCarter & English, LLP** do not personally represent ASSIGNOR OR ASSIGNOR's legal interests, but instead represent the interests of ASSIGNEE; since said attorneys and agents cannot provide legal advice to ASSIGNOR with respect to this Assignment, ASSIGNOR acknowledges its right to seek its own independent legal counsel.

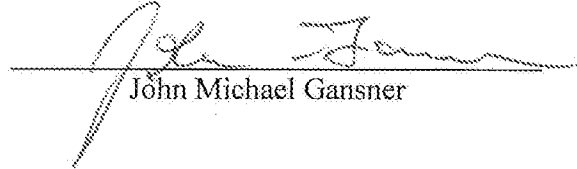
Executed this 30th day of November, 2022.


Aimee M. Deaton

Witness Signature:  Date: November 30th, 2022
Printed Name: Elaine Fishbein

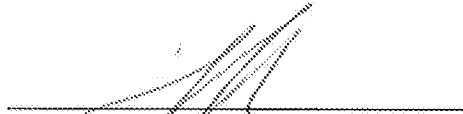
Witness Signature:  Date: 11-30-22
Printed Name: Timothy Rooney

Executed this 06 day of December, 2022.



John Michael Gansner

Witness Signature:

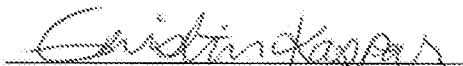


Date: Dec 6th 2022

Printed Name:

Larshad Kapor

Witness Signature:



Date: 6 Dec 2022


Printed Name:

CRISTIN KASPAR

Executed this 30th day of NOVEMBER, 2022.


James D. McNinch

Witness Signature:



Date:

11/30/22

Printed Name:

Benjamin Holmes

Witness Signature:



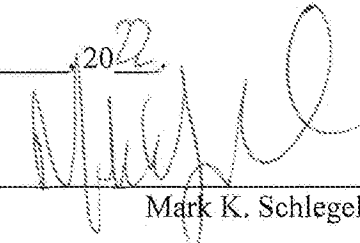
Date:

11/30/2022

Printed Name:

Elane Fishilevich

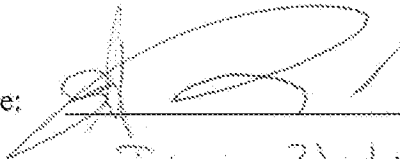
Executed this 12 day of December, 2022.



Mark K. Schlegel

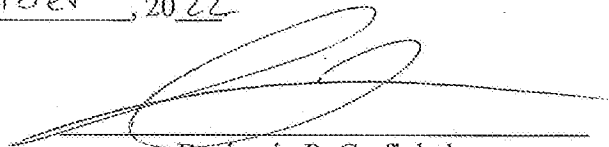
Witness Signature: 
Printed Name: LAUREN WOODS

Date: 12/5/2022

Witness Signature: 
Printed Name: Iva Zlatev

Date: 5-Dec-2022

Executed this 30 day of November, 2022


Benjamin P. Garfinkel

Witness Signature:

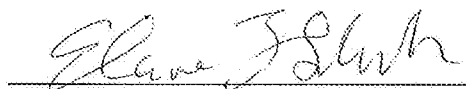


Date: 11/30/22

Printed Name:

Danielle Chow

Witness Signature:



Date: 11/30/2022

Printed Name:

Elane Fishilevich