506512806 02/19/2021

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BRIAN BETTENCOURT	01/15/2014
WILLIAM QUERBES	01/24/2014
KEVIN FITZGERALD	01/28/2014
MARIA FRANK-KAMENETSKY	04/03/2014
STUART MILSTEIN	03/12/2014
SVETLANA SHULGA-MORSKAYA	03/12/2014

RECEIVING PARTY DATA

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State/Country:	MASSACHUSETTS	
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17158375

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DATE SIGNED:	02/19/2021

PATENT REEL: 055327 FRAME: 0644

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Total Attachments: 4

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PATENT REEL: 055327 FRAME: 0645

ASSIGNMENT BY INVENTOR

We, Brian BETTENCOURT or Groton, Ma; William QUERBES of Boston, Ma; Kevin FITZGERALD of Brookline, MA; Maria FRANK-KAMENETSKY of Brookline, MA; Stuart MILSTEIN of Cambridge, Ma; and Svetlana SHULGA-MORSKAYA of Cambridge, MA in consideration of One Dollar and other valuable consideration paid to us by

ALNYLAM PHARMACEUTICALS, INC.

a Corporation having its principal place of business at 300 Third Street, 3rd Floor, Cambridge, Massachusetts, the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said

ALNYLAM PHARMACEUTICALS, 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

ANGIOPOIETIN-LIKE 3(ANGPTL3) iRNA COMPOSITIONS AND METHODS OF USE THEREOF

described in an application
Executed by us of even date herewith and about to be filed
or
x Application No.: 14/132,999, filed December 18, 2013

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.

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PATENT REEL: 055327 FRAME: 0646

U.S. Patent Application No. 14/132,999 Attorney Docket No. 121301-00302

Brian BETTENCOURT

Date: 15 Jan 2014

Date: 21 Jan 2014

Date: 1/28/2014

Vevin FITZGER M D

	Maria frah
	Maria FRANK-KAMENETSKY
Date: 04/03/14	
	Stuart MILSTEIN
Date:	
	Svetlana SHULGA-MORSKAYA
Date:	

		Maria FRANK-KAMENETSKY
Date:	and the second of the second o	<u> </u>
		and the second s
		Stuart MILSTEIN
Date:	3/12/14	<u> </u>
		all-Mopenes
		Svetlana SHULGA-MORSKAYA
		D, 4000000000000000000000000000000000000
Date:	3-12-2014	MANAGEMENT AND ADMINISTRATION OF THE PROPERTY

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PATENT REEL: 055327 FRAME: 0649

RECORDED: 02/19/2021