

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7859826

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MARTIN MAIER	05/15/2017
DON FOSTER	06/27/2017
STUART MILSTEIN	07/12/2017
SATYA KUCHIMANCHI	06/22/2017
VASANT JADHAV	05/16/2017
KALLANTHOTTATHIL G. RAJEEV	07/12/2017
MUTHIAH MANOHARAN	05/15/2017
RUBINA PARMAR	07/16/2017
RECEIVING PARTY DATA	
Name:	ALNYLAM PHARMACEUTICALS, INC.
Street Address:	300 THIRD STREET
City:	CAMBRIDGE
State/Country:	MASSACHUSETTS
Postal Code:	02142
PROPERTY NUMBERS Total: 8	
Property Type	Number
Application Number:	18145238
Application Number:	17941436
Application Number:	17847550
Application Number:	17523240
Application Number:	17479617
Application Number:	16693683
Application Number:	16384644
Application Number:	16272721
CORRESPONDENCE DATA	
Fax Number:	(202)861-1905
<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:	202-747-0783

Email: egeorge@cozen.com
Correspondent Name: JEFFREY N. TOWNES
Address Line 1: 1200 19TH STREET NW
Address Line 2: 3RD FLOOR
Address Line 4: WASHINGTON, D.C. 20036

ATTORNEY DOCKET NUMBER: 29520.1352-US-CON8

NAME OF SUBMITTER: JEFFREY N. TOWNES

SIGNATURE: /Jeffrey N. Townes, Reg. # 47,142/

DATE SIGNED: 03/22/2023

Total Attachments: 3

source=29520_1344_US_Executed_Assignment#page1.tif

source=29520_1344_US_Executed_Assignment#page2.tif

source=29520_1344_US_Executed_Assignment#page3.tif

ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, by Martin MAIER, Don FOSTER, Stuart MILSTEIN, Satya KUCHIMANCHI, Vasant JADHAV, Kallanthottathil RAJEEV, Muthiah MANOHARAN, and Rubina PARMAR (hereinafter referred to as Assignors);

WHEREAS, Assignors have invented certain new and useful improvements in **MODIFIED DOUBLE-STRANDED RNA AGENTS**, set forth in U.S. Patent Application No. 15/504,855, filed February 17, 2017; International PCT Application No. PCT/US2015/45407, filed August 14, 2015; U.S. Provisional Application No. 62/039,507, filed August 20, 2014; U.S. Provisional Application No. 62/083,744, filed November 24, 2014; and U.S. Provisional Application No. 62/093,919, filed December 18, 2014.

WHEREAS, ALNYLAM PHARMACEUTICALS, INC., a Corporation organized under and pursuant to the laws of Delaware having its principal place of business at 300 Third Street, Cambridge, MA 02142, its heirs, successors, legal representatives and assigns (hereinafter referred to as Assignee) is desirous of acquiring the entire right, title and interest in and to said inventions and said Applications for Letters Patent of the United States and all other territories in the world, and in and to any Letters Patent to be obtained therefore and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and applications for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said applications, and any an all Letters Patent **in the United States and all other countries in the world** which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these represents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and applications for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

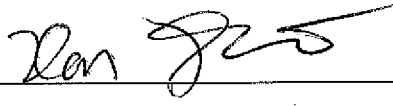
AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent applications for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors hereby request the Commissioner for Patents and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

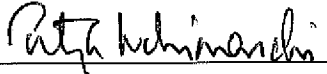
AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

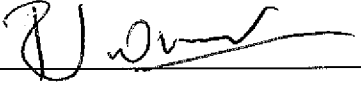
AND the undersigned hereby grant(s) the law firm of LeClairRyan the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

Date 05/15/2017 Signature 
Name **Martin MAIER**

Date 06/27/2017 Signature 
Name **Don FOSTER**

Date 7/12/17 Signature 
Name **Stuart MILSTEIN**

Date 22 Jun 2017 Signature 
Name **Satya KUCHIMANCHI**

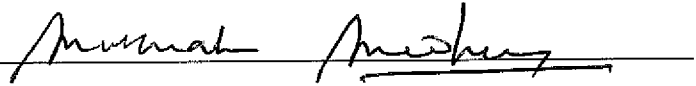
Date 05/16/2017 Signature 
Name **Vasant JADHAV**

Date 7/12/2017

Signature 

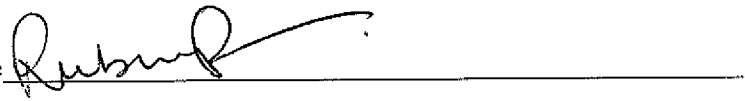
Name **Kallanthottathil G. RAJEEV**

Date 5/15/2017

Signature 

Name **Muthiah MANOHARAN**

Date 7/16/2017

Signature 

Name **Rubina PARMAR**