

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3820382

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
BRIAN BETTENCOURT	04/01/2016
KEVIN FITZGERALD	03/18/2016
WILLIAM QUERBES	03/31/2016
RECEIVING PARTY DATA	
Name:	ALNYLAM PHARMACEUTICALS, INC.
Street Address:	300 THIRD STREET
City:	CAMBRIDGE
State/Country:	MASSACHUSETTS
Postal Code:	02142
PROPERTY NUMBERS Total: 1	
Property Type	Number
PCT Number:	US1459160
CORRESPONDENCE DATA	
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<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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ATTORNEY DOCKET NUMBER:	A2038-7202WO
NAME OF SUBMITTER:	DAVID LU
SIGNATURE:	/David Lu/
DATE SIGNED:	04/07/2016
Total Attachments: 6	
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ASSIGNMENT

For good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, We, the undersigned Brian Bettencourt, Groton, MA ; Kevin Fitzgerald, Brookline, MA; and William Querbes, Cambridge, MA, respectively, hereby:

Sell, assign and transfer to ALNYLAM PHARMACEUTICALS, INC., a Delaware corporation having a place of business at 300 Third Street, Cambridge, Massachusetts 02142, its successors, assigns and legal representatives, all hereinafter referred to as said Assignee, the entire right, title and interest for the United States and all foreign countries, in and to any and all inventions which are disclosed in an application for Letters Patent filed in the United States Patent and Trademark Office on:

October 3, 2014

ENTER FILING DATE ABOVE

under Application Serial No. PCT/US2014/059160 and

Entitled COMPOSITIONS AND METHODS FOR INHIBITING EXPRESSION OF THE
ALAS1 GENE,

and in and to said application and all continuing, divisional, continuation-in-part, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on said any and all inventions, including a provisional application filed on October 4, 2013 under Application Serial No. 61/887288 and entitled COMPOSITIONS AND METHODS FOR INHIBITING EXPRESSION OF THE ALAS1 GENE and a provisional application filed on April 24, 2014 under Application Serial No. 61/983720 and entitled COMPOSITIONS AND METHODS FOR INHIBITING EXPRESSION OF THE ALAS1 GENE; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said any and all inventions including the right to apply for patent rights in each foreign country and all rights to priority; and further including any right to sue for past infringement;

Appoint, authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting in the spaces provided above the filing date and serial number of said application when known;

Agree that said Assignee may apply for and receive Letters Patent for said any and all inventions in its own name; and when requested, without charge to but at the expense of said Assignee, We agree to carry out in good faith the intent and purpose of this assignment, by executing all divisional, continuing, substitute, renewal, reissue, and all other patent applications on said any and all inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said Assignee all facts known to relating to said any and all inventions and the history thereof, and generally by doing everything reasonably possible which said Assignee shall consider desirable for aiding in securing and maintaining proper patent protection for said any and all inventions and for vesting title to said any and all inventions and all applications for patents and all patents on said inventions, in said Assignee;

Request the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said Assignee; and

Covenant with said Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me.

Said Assignee does hereby acknowledge and accept the above sale, assignment and transfer of all the rights, title and interest enumerated above, including but not limited to the right to priority and the right to sue for past infringement.

Brian Bettencourt

Brian Bettencourt

Date:

1 Apr 2016


William Querbes
William Querbes

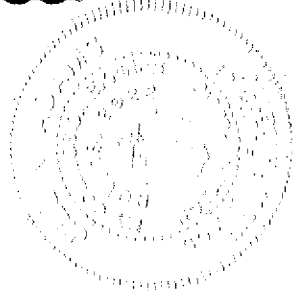
Date: 31-March-16

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

On this 31st day of March, 2016, before me personally came William Querbes, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Jill K. Adams
Notary Public

 JILL K. ADAMS
Notary Public
COMMONWEALTH OF MASSACHUSETTS
My Commission Expires
18, 2022



[Handwritten Signature]

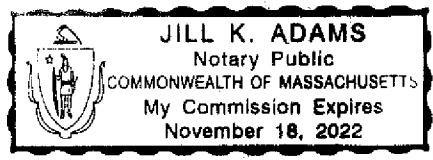
Kevin Fitzgerald

Date: March 18, 2016

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

On this 18th day of March, 2016, before me personally came Kevin Fitzgerald, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

[Handwritten Signature]
Notary Public



MA

Steven A. Bossone, Ph.D., J.D.
Vice President, Intellectual Property
Alnylam Pharmaceuticals, Inc.

Date: 4 April - 2016

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

On this 4th day of April, 2016, before me
personally came Steven A. Bossone, to me known to be the individual
described in and who executed the foregoing instrument, and acknowledged execution
of the same.

Jill K. Adams
Notary Public

