502759111 04/08/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2805707

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ALNYLAM EUROPE AG	09/09/2009

RECEIVING PARTY DATA

Name:	ALNYLAM PHARMACEUTICALS, INC.	
Street Address:	300 THIRD STREET	
City:	CAMBRIDGE	
State/Country:	MASSACHUSETTS	
Postal Code:	02142	

PROPERTY NUMBERS Total: 5

Property Type	Number
Application Number:	14218489
Application Number:	14218476
Application Number:	13656548
Application Number:	13656540
Application Number:	13656513

CORRESPONDENCE DATA

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Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via

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NAME OF SUBMITTER:

JANE N. KIM, REG. NO. 69290

/Jane N. Kim/

DATE SIGNED:

04/08/2014

Total Attachments: 2

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PATENT 502759111 REEL: 032630 FRAME: 0080

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, **ALNYLAM EUROPE AG**, a German company, c/o Alnylam Pharmaceuticals, Inc., 300 Third Street, Cambridge, MA 02142 ("ASSIGNOR"), has sold, assigned, and transferred and does hereby sell, assign, and transfer to **Alnylam Pharmaceuticals**, Inc., a Delaware corporation, having a place of business at 300 Third Street, Cambridge, MA 02142, ("ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

- 1. The entire worldwide right, title, and interest in all inventions and improvements ("SUBJECT MATTER") that are disclosed in the provisional application filed under 35 U.S.C. §111(b) or non-provisional application filed under 35 U.S.C. §111(a) and entitled Compositions And Methods For Inhibiting Expression Of A Gene From The Ebola ("APPLICATION"), which:
 - was filed on March 25, 2008, and now bears U.S. application serial number 12/055,295.
 - The APPLICATION claims priority from a provisional application, filed on March 29, 2007, now bearing US application serial number 60/908,793.
 - 2. The entire worldwide right, title, and interest in and to:
- (a) the APPLICATION; (b) all applications claiming priority from the APPLICATION; (c) all provisional, utility, divisional, continuation, substitute, renewal, reissue, and other applications related thereto which have been or may be filed in the United States or elsewhere in the world; (d) all patents (including reissues and re-examinations) which may be granted on the applications set forth in (a), (b), and (c) above; and (e) all right of priority in the APPLICATION and in any underlying provisional or foreign application, together with all rights to recover damages for infringement of provisional rights.

ASSIGNOR agrees that ASSIGNEE may apply for and receive patents for SUBJECT MATTER in ASSIGNOR or ASSIGNEE'S own name.

ASSIGNOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute and/or cause to be executed all oaths, assignments, powers of attorney, applications, and other papers necessary or desirable to fully secure to ASSIGNEE the rights, titles and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER; and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. ASSIGNOR further agrees to provide any successor, assign, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

ASSIGNOR represents that ASSIGNOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that the ASSIGNOR has not made and will not

Attorney Docket No:26421-15035 US
Alnylam Ref: ALNE-036

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26421/15035/SF/5268525.1

Title:

Compositions And Methods For Inhibiting Expression Of A Gene From The

Ebola

Filed:

Application No.:

March 25, 2008 12/055,295

Client Ref:

ALNE-036

hereafter make any assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

ASSIGNOR grants the attorney of record the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

Duly Authorized Representative of ASSIGNOR

Name and Signature

Date of Signature

Donna Ward, Ph.D., J.D.

Title: Vorstand

Vice President, Intellectual Property

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26421/15035/SF/5268525.1

, 2009