

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5901278

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
IVANKA TOUDJARSKA	04/23/2013
JOHN M. MARAGANORE	03/20/2013
BRIAN BETTENCOURT	03/04/2013
STUART MILSTEIN	03/01/2013
MARTIN A. MAIER	03/01/2013
KLAUS CHARISSE	04/24/2013
KALLANTHOTTATHIL RAJEEV	03/04/2013
SATYANARAYANA KUCHIMANCHI	03/05/2013
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
Application Number:	16679970
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:	AYL-155C4
NAME OF SUBMITTER:	SUSAN T. HUBL, REG. 47,668
SIGNATURE:	/Susan T. Hubl/

PATENT

DATE SIGNED:	01/08/2020
Total Attachments: 4 source=AYL-155C4 Assignment from PCT app#page1.tif source=AYL-155C4 Assignment from PCT app#page2.tif source=AYL-155C4 Assignment from PCT app#page3.tif source=AYL-155C4 Assignment from PCT app#page4.tif	

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the person(s) named below (referred to as "INVENTOR" whether singular or plural) 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, Massachusetts 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 following provisional application filed under 35 U.S.C. § 111(b), non-provisional application filed under 35 U.S.C. § 111(a), international application filed according to the Patent Cooperation Treaty (PCT), or U.S. national phase application filed under 35 U.S.C. § 371 ("APPLICATION"):

- Application No **PCT/US2012/043644**, entitled "**Compositions and Methods for Inhibition of Expression of Protein C (PROC) Genes**," filed on **June 21, 2012**, which claims priority from a provisional application filed on **June 21, 2011**, now bearing US Application No. **61/499,620** and a provisional application filed on **October 3, 2011**, now bearing US Application No. **61/542,729**.

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.

INVENTOR agrees that ASSIGNEE may apply for and receive patents for SUBJECT MATTER in ASSIGNEE's own name.

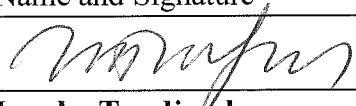
INVENTOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute all oaths, assignments, powers of attorney, applications, and other papers necessary or desirable to fully secure to ASSIGNEE the rights, titles and 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. INVENTOR further agrees to provide any successor, assign, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

Title: Compositions and Methods for Inhibition of Expression of Protein C
(PROC) Genes
Filed: June 21, 2012
Application No.: PCT/US2012/043644

INVENTOR represents that INVENTOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that the INVENTOR has not made and will not hereafter make any assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

INVENTOR 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.

Name and Signature

Ivanka Toudjarska

Date of Signature
April 23, 2013

Name and Signature

John M. Maraganore

Date of Signature

, 2013

Name and Signature

Brian Bettencourt

Date of Signature

, 2013

Name and Signature

Stuart Milstein

Date of Signature

, 2013

Name and Signature

Martin A. Maier

Date of Signature

, 2013

Title: Compositions and Methods for Inhibition of Expression of Protein C
(PROC) Genes
Filed: June 21, 2012
Application No.: PCT/US2012/043644

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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.

Name and Signature	Date of Signature
 Ivanka Toudjarska	_____, 2013

Name and Signature	Date of Signature
 John M. Maraganore	3/20, 2013

Name and Signature	Date of Signature
 Brian Bettencourt	3/4/13, 2013

Name and Signature	Date of Signature
 Stuart Milstein	3/1, 2013

Name and Signature	Date of Signature
 Martin A. Maier	Mar. 1, 2013

Title: Compositions and Methods for Inhibition of Expression of Protein C
(PROC) Genes
Filed: June 21, 2012
Application No.: PCT/US2012/043644

Name and Signature

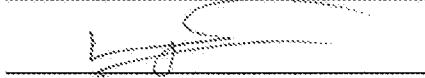


Klaus Charisse

Date of Signature

April 24th, 2013

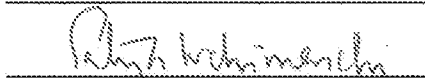
Name and Signature



Rajeev Kallanthottathil

Kallanthottathil Rajeev

Name and Signature



Satyanarayana Kuchimanchi

Date of Signature

March 4, 2013

Date of Signature

6th March, 2013