

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>David Bumcrot</td> <td>04/25/2012</td> </tr> <tr> <td>Ivanka Toudjarska</td> <td>05/31/2012</td> </tr> <tr> <td>Jared Gollob</td> <td>06/29/2012</td> </tr> <tr> <td>Akshay Vaishnav</td> <td>05/29/2012</td> </tr> <tr> <td>Dinah Wen-Yee Sah</td> <td>04/28/2012</td> </tr> <tr> <td>Christina Gamba-Vitalo</td> <td>04/26/2012</td> </tr> </tbody> </table>		Name	Execution Date	David Bumcrot	04/25/2012	Ivanka Toudjarska	05/31/2012	Jared Gollob	06/29/2012	Akshay Vaishnav	05/29/2012	Dinah Wen-Yee Sah	04/28/2012	Christina Gamba-Vitalo	04/26/2012
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<table border="1"> <tr> <td>Name:</td> <td>Alnylam Pharmaceuticals, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>300 Third Street</td> </tr> <tr> <td>City:</td> <td>Cambridge</td> </tr> <tr> <td>State/Country:</td> <td>MASSACHUSETTS</td> </tr> <tr> <td>Postal Code:</td> <td>02142</td> </tr> </table>		Name:	Alnylam Pharmaceuticals, Inc.	Street Address:	300 Third Street	City:	Cambridge	State/Country:	MASSACHUSETTS	Postal Code:	02142				
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Application Number:	13496196														
CORRESPONDENCE DATA															
Fax Number:	(650)938-5200														
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Email:	nmorad@fenwick.com														
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>															
Correspondent Name:	Susan T. Hubl														
Address Line 1:	Fenwick & West LLP														
Address Line 2:	801 California Street														
Address Line 4:	Mountain View, CALIFORNIA 94041														
ATTORNEY DOCKET NUMBER:	17331 US														

CH \$40.00 13496196

NAME OF SUBMITTER:

Susan T. Hubl, Reg. 47,668

Total Attachments: 5

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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, 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 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"):

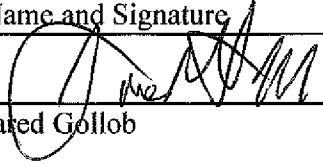
- U.S. Application No. 13/496,196, entitled "Lipid Formulated Compositions And Methods For Inhibiting Expression Of Eg5 And VEGF Genes," which is a National Phase Entry of International Application No. PCT/US2010/048512, filed on September 10, 2010, which claims priority from which claims priority from a provisional application filed on September 15, 2009, now bearing U.S. Application No. 61/242,693, and from a provisional application filed on September 22, 2009, now bearing U.S. Application No. 61/244,792, and from a provisional application filed on October 28, 2009, now bearing US Application No. 61/255,692, and from a provisional application filed on November 17, 2009, now bearing U.S. Application No. 61/262,046, and from a provisional application filed on April 20, 2010, now bearing U.S. Application No. 61/326,071, and from a provisional application filed on June 7, 2010, now bearing U.S. Application No. 61/352,128.

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.

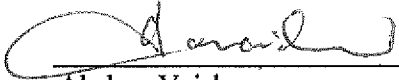
INVENTOR agrees that ASSIGNEE may apply for and receive patents for SUBJECT MATTER in ASSIGNEE's own name.

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,

Title: Lipid Formulated Compositions And Methods For Inhibiting Expression
Of Eg5 And VEGF Genes
I.A. Filing Date: September 10, 2010
Application No.: 13/496,196

Name and Signature

Jared Gollob

Date of Signature
6/29, 2012

Name and Signature

Akshay Vaishnav

Date of Signature
5/29, 2012

Name and Signature

Christina Gamba-Vitalo

Date of Signature

, 2012

26421/17331/DOCS/2648700.1

Title: Lipid Formulated Compositions And Methods For Inhibiting Expression
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I.A. Filing Date: September 10, 2010
Application No.: 13/496,196

Name and Signature Date of Signature
Jared Gollob _____, 2012

Name and Signature Date of Signature
Akshay Vaishnav _____, 2012

Name and Signature Date of Signature
Christina Gamba-Vitalo 26 April, 2012
Christina Gamba-Vitalo

26421/17331/DOCS/2648700.1