

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| Alnylam Europe AG | 06/26/2007 |
| 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: | 13472438 |
| CORRESPONDENCE DATA | |
| Fax Number: | (650)938-5200 |
| Phone: | (650) 943-5374 |
| 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: | 26421-20333 US |
| NAME OF SUBMITTER: | Susan T. Hubl, Reg. 47,668 |
| Total Attachments: 2 source=20333_Assignment_from_ALN_AG_to_ALN_Inc#page1.tif source=20333_Assignment_from_ALN_AG_to_ALN_Inc#page2.tif | |

CH \$40.00 13472438

ASSIGNMENT

For valuable consideration, ALNYLAM EUROPE AG, a company created and existing under the laws of Germany (hereinafter called "the Assignor") having a place of business at Fritz-Hornschuch-Str. 9, 95326 Kulmbach, Germany; hereby assigns to ALNYLAM PHARMACEUTICALS, INC., a corporation of Delaware, having a place of business at 300 Third Street, Cambridge, MA 02142, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent, entitled COMPOSITIONS AND METHODS FOR INHIBITING EXPRESSION OF THE PCSK9 GENE, filed May 10, 2007, and assigned U.S. Serial Number 11/746,864, this assignment, including said application, and any and all continuations, continuations-in-part, and divisional applications, and any and all United States and foreign patents (including reissues, reexaminations, extensions), utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and the Assignor authorizes the Assignee to apply in all countries in the Assignor's or the Assignee's name for patents, utility models, design registrations and like rights of exclusion and for inventor's certificates for said inventions and improvements; and the Assignor agrees for itself, its legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment, the effectiveness of this assignment including as of the filing date of the above-identified application and any applications from which the above-identified application claims benefit of.

In witness whereof, the Assignor has caused this Assignment to be signed in its corporate name by its duly authorized officers.

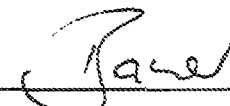
ALNYLAM EUROPE AG

DATE: 26 June 2007



Andreas Bossko
Title: Managing Director, Finance

Witnessed:

Date: 26 June 2007 By: 

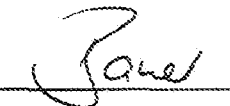
Date: 26. 06. 07 By: 

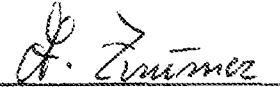
DATE: 26 June 2007



Roland Kreutzer
Title: Managing Director

Witnessed:

Date: 26 June 2007 By: 

Date: 26. 06. 07 By: 

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