PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Alnylam Europe AG	12/13/2006

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:	11593099

CORRESPONDENCE DATA

Fax Number: (650)938-5200

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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Correspondent Name: Chris Ullsperger
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Address Line 4: San Francisco, CALIFORNIA 94104

ATTORNEY DOCKET NUMBER:	26421-15679
NAME OF SUBMITTER:	Chris Ullsperger

Total Attachments: 2

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PATENT REEL: 022874 FRAME: 0662 CH \$40.00 11593

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Attorney Docket No.: 14174-127001 / ALNE-029

<u>ASSIGNMENT</u>

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 NAV1.8 GENE, filed November 3, 2006, and assigned U.S. Serial Number 11/593,099, 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 Assignor authorizes the Assignee to apply in all countries in Assignor's or 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 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.

Assignment Page 1 of 2

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

ALNYLAM EUROPE AG

Title: Managing Director, Finance

Witnessed by:

Name: Bakhus ifein

Name: Date: Dec - 13-2006

Date: Doc 13-2006

Roland Kreutzer

Title: Managing Director

Witnessed by:

RECORDED: 06/25/2009

Name: Jouja Rollmann Date: Dec. 13-2006

Name: Jouja Rollmann Date: Dec., 13.2006

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