

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Jens Harborth	09/14/2007
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ALNYLAM PHARMACEUTICALS, INC.
<b>Street Address:</b>	300 Third Street
<b>City:</b>	Cambridge
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	02142
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	11751283
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(617)395-7070
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Email:</b>	ahatton@ll-a.com
<b>Correspondent Name:</b>	Allyson R. Hatton
<b>Address Line 1:</b>	1 Main Street
<b>Address Line 2:</b>	Lowrie, Lando & Anastasi
<b>Address Line 4:</b>	Cambridge, MASSACHUSETTS 02142
<b>ATTORNEY DOCKET NUMBER:</b>	A2038-707410
<b>NAME OF SUBMITTER:</b>	Allyson R. Hatton
<b>Total Attachments: 4</b> source=A2038-707410Asn1#page1.tif source=A2038-707410Asn1#page2.tif source=A2038-707410Asn1#page3.tif source=A2038-707410Asn1#page4.tif	

CH \$40.00 11751283

ASSIGNMENT

For valuable consideration, we, Antonin de Fougerolles, of 66 Summit Avenue, Brookline, MA 02446; Andrew Sprague, of 24 Dorian Drive, Haverhill, MA 01835; and Jens Harborth, of <sup>43</sup>~~44~~ Revere Street, #4, Boston, MA 02114; hereby assign 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"), our entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent by us, Maria Gabriela Belvisi, Mark Andrew Birrell, Elizabeth Louise Hardaker, and Matthew Copeland Catley, entitled COMPOSITIONS AND METHODS FOR INHIBITING EXPRESSION OF IKK-B GENE, filed May 21, 2007, and assigned U.S. Serial Number 11/751,283, 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 we authorize the Assignee to apply in all countries in our names or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventor's certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, 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.

Jl 9/14/07

IN WITNESS WHEREOF, I hereto set my hand and seal at \_\_\_\_\_, this \_\_\_\_ day  
of \_\_\_\_\_, 2007.

\_\_\_\_\_  
ANTONIN DE FOUGEROLLES

Commonwealth of Massachusetts  
County of \_\_\_\_\_

On this \_\_\_\_\_ day of \_\_\_\_\_, 2007, before me, the undersigned notary public,  
personally appeared ANTONIN DE FOUGEROLLES, proved to me through satisfactory  
evidence of identity, which was \_\_\_\_\_, to be the person whose  
name was signed on the preceding or attached document in my presence, and who swore  
or affirmed to me that the contents of the document are truthful and accurate to the best  
of his/her knowledge and belief.

\_\_\_\_\_  
(official signature and seal of notary)

My commission expires \_\_\_\_\_.

IN WITNESS WHEREOF, I hereto set my hand and seal at \_\_\_\_\_, this \_\_\_\_ day  
of \_\_\_\_\_, 2007.

\_\_\_\_\_  
ANDREW SPRAGUE

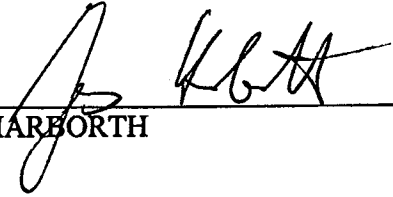
Commonwealth of Massachusetts  
County of \_\_\_\_\_

On this \_\_\_\_\_ day of \_\_\_\_\_, 2007, before me, the undersigned notary public,  
personally appeared ANDREW SPRAGUE, proved to me through satisfactory evidence  
of identity, which was \_\_\_\_\_, to be the person whose name was  
signed on the preceding or attached document in my presence, and who swore or  
affirmed to me that the contents of the document are truthful and accurate to the best of  
his/her knowledge and belief.

\_\_\_\_\_  
(official signature and seal of notary)

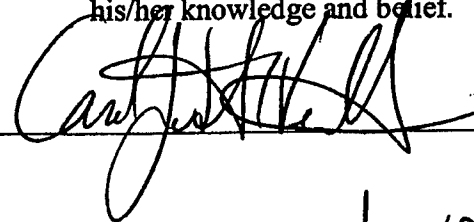
My commission expires \_\_\_\_\_.

IN WITNESS WHEREOF, I hereto set my hand and seal at CAMBRIDGE MA, this 14<sup>th</sup> day of SEPTEMBER 2007.

  
\_\_\_\_\_  
JENS HARBORTH

Commonwealth of Massachusetts  
County of Middlesex

On this 14<sup>th</sup> day of September 2007, before me, the undersigned notary public, personally appeared JENS HARBORTH, proved to me through satisfactory evidence of identity, which was Massachusetts Documents to be the person whose name was signed on the preceding or attached document in my presence, and who swore or affirmed to me that the contents of the document are truthful and accurate to the best of his/her knowledge and belief.

  
\_\_\_\_\_  
CAROL JUDITH VENITT

Notary Public, Massachusetts  
My Commission Expires November 12, 2010  
(official signature and seal of notary)

My commission expires Nov 12, 2010.