

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

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>Antonin De Fougerolles</td> <td>01/27/2009</td> </tr> <tr> <td>Anna Borodovsky</td> <td>01/27/2009</td> </tr> <tr> <td>Tatiana Novobrantseva</td> <td>01/27/2009</td> </tr> </tbody> </table>		Name	Execution Date	Antonin De Fougerolles	01/27/2009	Anna Borodovsky	01/27/2009	Tatiana Novobrantseva	01/27/2009		
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<table border="1"> <tr> <td>Name:</td> <td>Alnylam Pharmaceuticals, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>801 California Street</td> </tr> <tr> <td>City:</td> <td>Mountain View</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>94041</td> </tr> </table>		Name:	Alnylam Pharmaceuticals, Inc.	Street Address:	801 California Street	City:	Mountain View	State/Country:	CALIFORNIA	Postal Code:	94041
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CORRESPONDENCE DATA											
<p>Fax Number: 6509385200  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 415-875-2492</p> <p>Email: mnascimento@fenwick.com</p> <p>Correspondent Name: Michelle Lee</p> <p>Address Line 1: 801 California Street</p> <p>Address Line 4: Mountain View, CALIFORNIA 94041</p>											
ATTORNEY DOCKET NUMBER:	26421-21745										
NAME OF SUBMITTER:	Michelle Lee, Reg. No. 69,918										
<p>Total Attachments: 4</p> <p>source=21745_US_Assignment_DeFougerolles_Borodovsky_Novobrantseva_to_Alnylam#page1.tif</p> <p>source=21745_US_Assignment_DeFougerolles_Borodovsky_Novobrantseva_to_Alnylam#page2.tif</p> <p>source=21745_US_Assignment_DeFougerolles_Borodovsky_Novobrantseva_to_Alnylam#page3.tif</p> <p>source=21745_US_Assignment_DeFougerolles_Borodovsky_Novobrantseva_to_Alnylam#page4.tif</p>											

CH \$40.00 13612521

ASSIGNMENT

For valuable consideration, we, ANTONIN DE FOUGEROLLES, of 66 Summit Avenue, Brookline, MA 02446-2320; ANNA BORODOVSKY, of One McLean Place #1, Cambridge, MA 02140; and TATIANA NOVOBRANTSEVA, of 15 High Ledge Ave., Wellesley, MA 02482; 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 Pamela Tan, Sina Bavari, Kelly Lyn Warfield, and us, entitled COMPOSITIONS AND METHODS FOR INHIBITING EXPRESSION OF CD45 GENE, filed February 12, 2008, and assigned U.S. Serial Number 61/028,162, 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.

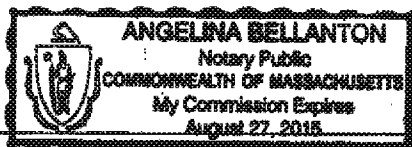
IN WITNESS WHEREOF, I hereto set my hand and seal at Cambridge, MA (City, State),  
this 27<sup>th</sup> day of January, 2008

Antonin de Fougères  
ANTONIN DE FOUGEROLLES

Commonwealth of Massachusetts  
County of Middlesex

On this 27<sup>th</sup> day of January, 2008, before me, the undersigned notary public,  
personally appeared ANTONIN DE FOUGEROLLES, proved to me through satisfactory  
evidence of identity, which was MA license, 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 knowledge and belief.

Angela Bellanton (official signature and seal of notary)



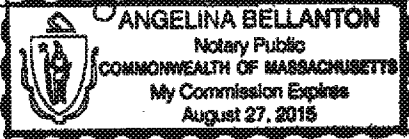
My commission expires \_\_\_\_\_

IN WITNESS WHEREOF, I hereto set my hand and seal at Cambridge MA (City,  
State), this 27<sup>th</sup> day of January 2008.

A. Borodovsky  
ANNA BORODOVSKY

Commonwealth of Massachusetts  
County of Middlesex

On this 27<sup>th</sup> day of January 2008, before me, the undersigned notary public,  
personally appeared ANNA BORODOVSKY, proved to me through satisfactory  
evidence of identity, which was mass license, 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 her knowledge and belief.

Angelina Bellanton (official signature and seal of notary)  
  
My commission expires \_\_\_\_\_

IN WITNESS WHEREOF, I hereto set my hand and seal at Cambridge MA (City, State),  
this 27 day of January 2008.<sup>9</sup>

Tatiana Novobrantseva  
TATIANA NOVOBRANTSEVA

Commonwealth of Massachusetts  
County of Middlesex

On this 27<sup>th</sup> day of January 2008,<sup>9</sup> before me, the undersigned notary public,  
personally appeared TATIANA NOVOBRANTSEVA, proved to me through satisfactory  
evidence of identity, which was mass license, 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 her knowledge and belief.

Angela Bellanton  
ANGELINA BELLANTON (Official signature and seal of notary)  
Notary Public  
COMMONWEALTH OF MASSACHUSETTS  
My Commission Expires  
August 27, 2015

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

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