
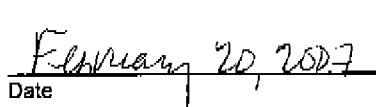


Substitute Form PTO-1595
 Attorney Docket No.: 14174-116001
 Client's Ref. No.: ALNE-027

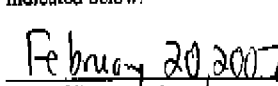

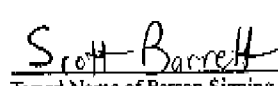
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1. Name of conveying party(ies): Alnylam Europe AG Additional name(s) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): Alnylam Pharmaceuticals, Inc. 300 Third Street Cambridge, MA 02142 Additional names/addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: Execution Date: 01/25/2007; 01/24/2007	
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5. Name/address of party to whom correspondence concerning document should be mailed: ALLYSON R. HATTON, PH.D. Fish & Richardson P.C. 225 Franklin Street Boston, MA 02110	6. Total number of applications/patents involved: 1 7. Total fee (37 CFR §3.41): \$40 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to charge Deposit Account. 8. Deposit Account No.: 06-1050 Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.
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Allyson R. Hatton, Ph.D. Reg. No. 54,154 Name of Person Signing	<div style="display: flex; justify-content: space-between;"> <div style="text-align: center;">  Signature </div> <div style="text-align: center;">  Date </div> </div>
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I hereby certify that this correspondence is being transmitted by facsimile to the Patent and Trademark Office on the date indicated below.




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PATENT

Attorney Docket No.: 14174-116001 / ALNE-027

CONFIRMATORY ASSIGNMENT

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 confirms that, for valuable consideration, it assigned 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 RNAI MODULATION OF HIF-1 AND THERAPEUTIC USES THEREOF, filed June 27, 2006, and assigned U.S. Serial Number 11/477,028, 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 agreed for itself, its legal representatives and assigns, to perform, without further compensation, 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.

Attorney Docket No.: 14174-116001 / ALNE-027

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

ALNYLAM EUROPE AG



Andreas Bossko
Title: Managing Director, Finance

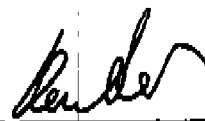
Witnessed by:

Name: Souja Hoffmann
Souja Hoffmann

Date: Jan. 25, 2007

Name: Johann Wising
Johann Wising

Date: Jan 25, 2007



Roland Kreutzer
Title: Managing Director

Witnessed by:

Name: Johann Wising
Johann Wising

Date: Jan 24, 2007

Name: Souja Hoffmann
Souja Hoffmann

Date: Jan. 24. 2007

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