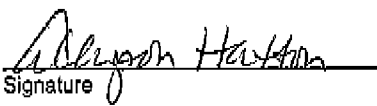
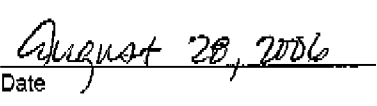
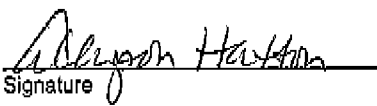
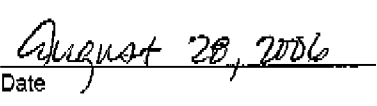
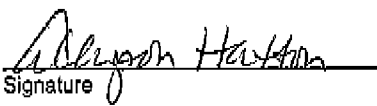
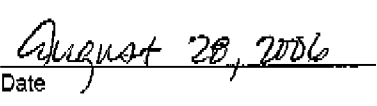


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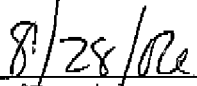


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A. Patent Application No(s):  11/477,028	B. Patent No(s):  			
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ASSIGNMENT

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 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 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.

Attorney Docket No: 14174-116001 / ALNE-027


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

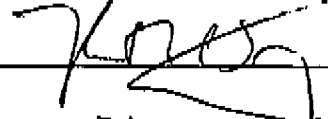
ALNYLAM EUROPE AG



Hans-Peter Vornlocher  
Title: Managing Director, Research

Witnessed by:


Name:  Date: 16.08.2006  
KOFFMANN SONJA


Name:  Date: 16. Aug. 2006  
Johann M. Dirsing



Roland Kreutzer  
Title: Managing Director

Witnessed by:

Name:  Date: 16.08.2006  
Andreu Binner

Name:  Date: 16. Aug. 2006  
Johann M. Dirsing

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