PATENT ASSIGNMENT

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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Hans-Peter Vornlocher	11/08/2005

RECEIVING PARTY DATA

Name:	Alnylam Europe AG	
Street Address:	Fritz-Hornschuch-Str. 9	
City:	Kulmbach	
State/Country:	GERMANY	
Postal Code:	95326	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12175938

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: A2038-705440

NAME OF SUBMITTER: Allyson R. Hatton

Total Attachments: 2

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PATENT REEL: 022909 FRAME: 0295

Attorney Docket No: 14174-123001

ASSIGNMENT

For valuable consideration, I, Hans-Peter Vornlocher, of Albert-Einstein-Ring 43a, 95448 Bayreuth, Germany; hereby assign to ALNYLAM EUROPE AG, a corporation of Germany, having a place of business at Fritz-Hornschuch-Str. 9, 95326 Kulmbach, Germany, 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 signed by me, entitled **COMPOSITIONS AND METHODS** FOR INHIBITING EXPRESSION OF ANTI-APOPTOTIC GENES, filed September 15, 2005, and assigned U.S. Serial Number 11/229,183; 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 I authorize the Assignee to apply in all countries in my name 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 I agree for me and my 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.

Assignment Page 1 of 2

PATENT REEL: 022909 FRAME: 0296

Attorney Docket No: 14174-123001

DATE: <u>GB November</u> 2005

HANS-PETER VORNLOCHER

DATE: 08 November 2005

Witness/

Johann Philad Wisin

DATE: <u>06 Novem 600 2005</u>

Witness

Jürgen Sutschek

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Assignment Page 2 of 2

PATENT REEL: 022909 FRAME: 0297

RECORDED: 07/02/2009