Substitute Form PTO-1595 Attorney Docket No.: 14174-085001 Client's Ref. No.: ALNE-022

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Name of conveying party(les):	Name and address of receiving party(les):
Philipp Hadwiger	Alnylam Europe AG
Additional name(s) attached? ☐ Yes 图 No	Fritz-Hornschuch-Str. 9 95326 Kulmbach Germany
3. Nature of conveyance:	
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4. Application number(s) or patent number(s):	
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11/078,073	
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REEL: 016273 FRAME: 0118

Attorney Docket No: 14174-085001/ALNE-022

ASSIGNMENT

For valuable consideration, I, PHILIPP HADWIGER of Schlesier-Str. 6, 96264 Altenkunstadt, GERMANY, hereby assign to: Alnylam Europe AG, a company created and existing under the laws 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 <u>iRNA AGENTS TARGETING VEGF</u>, filed March 11, 2005, and assigned U.S. Serial Number 11/078,073, 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 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.

> PATENT **REEL: 016273 FRAME: 0119**

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