502086522 10/05/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Pamela Tan	01/28/2009

RECEIVING PARTY DATA

Name:	Alnylam Europe AG	
Street Address:	300 Third Street	
Internal Address:	c/o Alnylam Pharmaceuticals, Inc.	
City:	Cambridge	
State/Country:	MASSACHUSETTS	
Postal Code:	02142	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13612521

CORRESPONDENCE DATA

Fax Number: 6509385200

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 415-875-2492

Email: mnascimento@fenwick.com

Correspondent Name: Michelle Lee

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Address Line 4: Mountain View, CALIFORNIA 94041

ATTORNEY DOCKET NUMBER: 26421-21745

NAME OF SUBMITTER: Michelle Lee, Reg. No. 69,918

Total Attachments: 2

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PATENT REEL: 029086 FRAME: 0763 CH \$40.00 1

Attorney Docket No.: A2038-708900 / ALN-044-1

ASSIGNMENT

For valuable consideration, I, Pamela Tan, of Kalte Marter 8, 95326 Kulmbach, Germany; hereby assign to ALNYLAM EUROPE AG, a company created under the laws of Germany and now having a place of business at c/o Alnylam Pharmaceuticals, Inc., 300 Third Street, Cambridge, MA 02142, and its successors and assigns (collectively hereinafter called "the Assignee"), my entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent by Antonin De Fougerolles, Anna Borodovsky, Tatiana Novobrantseva, Sina Bavari, Kelly Lyn Warfield, and me, 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 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 myself 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

Attorney Docket No.: A2038-708900 / ALN-044-1

DATE: Jan 28th 2009

Witnessed by:

Name: fiches de e

Name: franco feel Date: 2009/01/28

Name: Jou a Reflucia Date: Jan 28/2009

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Assignment Page 2 of 2

PATENT REEL: 029086 FRAME: 0765

RECORDED: 10/05/2012