

Form PTO-1595 (Rev. 10/02) OMB No. 0651-0027 (exp. 6/30/2005) Tab settings ⇒ ⇒ ⇒	RECORDATION FORM COVER SHEET PATENTS ONLY	U.S. DEPARTMENT OF COMMERCE U.S. Patent And Trademark Office						
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.								
1. Name of conveying party(ies): 1. Manoharan, Muthiah 2. Rajeev, Kallanthottathil G. Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): Name: <u>Anylam Pharmaceuticals</u> Internal Address: _____ _____ Street Address: <u>300 Third Street</u> _____ City: <u>Cambridge</u> State: <u>MA</u> Zip: <u>02142</u> Additional name(s) and address(es) 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: <u>1. 8/23/05; 2. 8/22/05.</u>								
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: _____ A. Patent Application No.(s) <u>11/170,798</u> B. Patent No.(s) Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No								
5. Name and address to whom correspondence concerning document should be mailed: Name: <u>Dana M. Gordon</u> Internal Address: <u>Foley Hoag LLP</u> _____ Street Address: <u>World Trade Center West</u> <u>155 Seaport Boulevard</u> City: <u>Boston</u> State: <u>MA</u> Zip: <u>02210</u>	6. Total number off applications and patents involved <u>1</u> 7. Total fee (37 CFR 3.41)..... <u>\$40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: <u>06-1448</u> (Attach duplicate copy of this page if paying by deposit account)							
DO NOT USE THIS SPACE								
9. Statement and signature. <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i> <table style="width:100%; border: none;"> <tr> <td style="width:30%; border-bottom: 1px solid black; text-align: center;"> Dana M. Gordon </td> <td style="width:30%; border-bottom: 1px solid black; text-align: center;"> </td> <td style="width:40%; border-bottom: 1px solid black; text-align: center;"> October 26, 2005 </td> </tr> <tr> <td style="text-align: center;">Name of Person Signing</td> <td style="text-align: center;">Signature</td> <td style="text-align: center;">Date</td> </tr> </table>			Dana M. Gordon		October 26, 2005	Name of Person Signing	Signature	Date
Dana M. Gordon		October 26, 2005						
Name of Person Signing	Signature	Date						
Total number of pages including cover sheet, attachments, and documents: <u>2</u>								

Mail documents to be recorded with required cover sheet information to:
 Mail Stop Assignment Recordation Services
 Director of the US Patents and Trademark Office
 P.O. Box 1450
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CH \$40.00 061448 11170798

ASSIGNMENT

We, Muthiah Manoharan and Kallanthottathil G. Rajeev, for valuable consideration received from Alnylam Pharmaceuticals, a corporation of the state of Massachusetts, having its principal place of business at 300 Third Street, Cambridge, MA 02142, the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said

ALNYLAM PHARMACEUTICALS

its successors and assigns, the entire interest for the United States of America and all foreign countries including all rights of priority under the International Convention for the Protection of Industrial Property in a certain invention or improvement in

"OLIGONUCLEOTIDES COMPRISING A NON-PHOSPHATE BACKBONE LINKAGE"

described in application Serial No. 11/170,798 filed on June 29, 2005 in the United States Patent and Trademark Office, and in all Letters Patent of the United States and all foreign countries which may or shall be granted on said invention, or any parts thereof, or on said application, or any divisional, continuing, reissue or other applications based in whole or in part thereon. And we agree, for ourselves and our executors and administrators, with said corporation and its successors and assigns but at its or their expense and charges, hereafter to execute all applications, amended specifications, deed or other instrument, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and in all other countries to said corporation, with specifications and claims in such form as shall be approved by the counsel of said corporation and to vest and confirm in said corporation, its successors and assigns, the legal title to all such patents.

And we do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said corporation, its successors and assigns.

WITNESS my hand this 23rd day of August, 2005.

By: Muthiah Manoharan
Muthiah Manoharan

Then personally appeared the above-named Muthiah Manoharan and acknowledged the foregoing instrument to be his free act and deed, before me, this 23rd day of August 2005
2005.

Ann M. Saitta
Witness signature

Ann M. Saitta
Witness Name (please print)

My Commission Expires: March 7, 2008

PATENT

REEL: 016940 FRAME: 0158

USSN 11/170,798

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WITNESS my hand this 22nd day of August, 2005.

By: [Signature]
Kallanthottathil G. Rajeev

Then personally appeared the above-named Kallanthottathil G. Rajeev and acknowledged the foregoing instrument to be his free act and deed, before me, this 22nd day of August, 2005.

[Signature]
Witness signature

Ann M. Saitta
Witness Name (please print)

My Commission Expires: March 17, 2008

