

# PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Muthiah MANOHARAN</td> <td>05/03/2010</td> </tr> <tr> <td>Kallanthottathil G. RAJEEV</td> <td>05/03/2010</td> </tr> <tr> <td>David BUMCROT</td> <td>05/03/2010</td> </tr> </tbody> </table>		Name	Execution Date	Muthiah MANOHARAN	05/03/2010	Kallanthottathil G. RAJEEV	05/03/2010	David BUMCROT	05/03/2010		
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<b>RECEIVING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Anylam Pharmaceuticals</td> </tr> <tr> <td>Street Address:</td> <td>300 Third Street</td> </tr> <tr> <td>City:</td> <td>Cambridge</td> </tr> <tr> <td>State/Country:</td> <td>MASSACHUSETTS</td> </tr> <tr> <td>Postal Code:</td> <td>02142</td> </tr> </table>		Name:	Anylam Pharmaceuticals	Street Address:	300 Third Street	City:	Cambridge	State/Country:	MASSACHUSETTS	Postal Code:	02142
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<b>CORRESPONDENCE DATA</b>											
Fax Number: (202)585-8080 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 202.585.8000 Email: jtownes@nixonpeabody.com, dwells@nixonpeabody.com Correspondent Name: Nixon Peabody LLP Address Line 1: 401 9th Street, N.W. Address Line 2: Suite 900 Address Line 4: Washington, DISTRICT OF COLUMBIA 20004											
ATTORNEY DOCKET NUMBER:	051058-19100										
NAME OF SUBMITTER:	Jeffrey N.Townes										
Total Attachments: 2 source=05105819100Assignment#page1.tif											

CH \$40.00 12721413

**501197823**

**PATENT**  
**REEL: 024499 FRAME: 0149**



**ASSIGNMENT**

Application No. 12/721,413

Filed March 10, 2010

WHEREAS, Muthiah MANOHARAN, Kallanthottathil G. RAJEEV, and David BUMCROT (hereinafter designated as the undersigned) have invented certain new and useful improvements in THERAPEUTIC COMPOSITIONS for which an application for Letters Patent of the United States of America has been executed by the undersigned, and;

WHEREAS, Alyniam Pharmaceuticals of 300 Third Street, Cambridge, MA 02142, its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefore in the United States of America;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents do sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America and its territories and for all foreign countries, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefore in the United States of America and its territories, dependencies and possessions, and in and to any and all divisions, reissues, continuations and extensions thereof for the full term or terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or any continuation, division or reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims under or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue any and all Letters Patents of the United States of America resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of NIXON PEABODY LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

Date April 3 2010 Signature Muthiah Manoharan  
Name Muthiah MANOHARAN

Date 5/3/2010 Signature Kallanthottathil G. RAJEEV  
Name Kallanthottathil G. RAJEEV

Date May 3, 2010 Signature David Bumcrot  
Name David BUMCROT