

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
HENDRICUS RENERUS JACOBUS MATTHEUS HOOGENBOOM	01/15/2002
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	DYAX CORP.
<b>Street Address:</b>	55 NETWORK DRIVE
<b>City:</b>	BURLINGTON
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	01803-2756
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14090842
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(617)646-8646
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
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<b>Address Line 1:</b>	WOLF, GREENFIELD & SACKS, P.C.
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<b>Address Line 4:</b>	BOSTON, MASSACHUSETTS 02210-2206
<b>ATTORNEY DOCKET NUMBER:</b>	D0617.70046US02
<b>NAME OF SUBMITTER:</b>	SCOTT R. WHITTEMORE
<b>SIGNATURE:</b>	/Scott R. Whittemore/
<b>DATE SIGNED:</b>	06/04/2014
<b>Total Attachments: 4</b>	
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ASSIGNMENT

I/We,

(1) Hendricus Renerus Jacobus Mattheus HOOGENBOOM,

residing, respectively, at

(1) 46, Hertogsingel, 6214 AE Maastricht,  
The Netherlands,

for good and valuable consideration, receipt of which is hereby acknowledged, has assigned, sold and transferred to and do hereby assign, sell and transfer to DYAX CORP., a corporation organized and existing under the laws of the DELAWARE and having an office and a place of business at ONE KENDALL SQUARE, BUILDING 600, SUITE 623, CAMBRIDGE, MA 02139, its successors and assigns: (1) the entire right, title and interest in the United States and in all countries throughout the world in and to any and all my/our inventions and discoveries disclosed in the application for Letters Patent in the United States entitled: NOVEL FAB FRAGMENT LIBRARIES AND METHODS FOR THEIR USE, and filed in the United States Patent and Trademark Office on November 19, 2001, under Application Number 09/998,899, including any renewals, revivals, reissues, reexaminations, extensions, continuations and divisions thereof, and any substitute applications therefor; (2) the full and complete right to file patent applications in the name of DYAX CORP. its designee, or in my/our names at DYAX CORP. or its designee's election, on the aforesaid inventions, discoveries and applications in all countries of the world; (3) the entire right, title and interest in and to any Letters Patent which may issue thereon in the United States or in any other country of the world and any renewals, revivals, reissues, reexaminations and extensions of the

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same; and (4) the entire right, title and interest in all Convention and Treaty Rights of all kinds thereon, including without limitation all rights of priority in any country of the world, in and to the above inventions, discoveries and applications.

I/We hereby authorize and request the competent authorities to grant and to issue any and all such Letters Patent in the United States and throughout the world to DYAX CORP. as the assignee of the entire right, title and interest therein, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment, sale and transfer not been made.

I/We agree, at any time, upon the request of DYAX CORP. to execute and to deliver to DYAX CORP. any additional applications for patents for said inventions and discoveries, or any part or parts thereof, and any applications for patents of confirmation, registration and importation based on any Letters Patent issuing on said inventions, discoveries or applications, and divisions, continuations, renewals, revivals, reissues, reexaminations and extensions thereof.

I/We further agree at any time to execute and to deliver upon request of DYAX CORP. such additional documents, if any, as are necessary or desirable to secure patent protection on said inventions, discoveries and applications throughout all countries of the world, and otherwise to do the necessary to give full effect to and to perfect the rights of DYAX CORP. under this Assignment, including the execution, delivery and procurement of any and all further documents evidencing this assignment, transfer and sale as may be necessary or desirable.

ASSIGNORS:

15-1-2002

*H. Hoogenboom*

Date

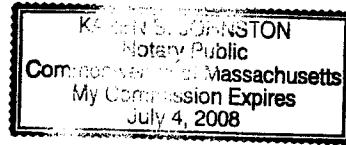
Hendricus Renerus Jacobus Mattheus HOOGENBOOM

WITNESSES:

*KAREN S Johnston*  
\_\_\_\_\_  
Witness Signature

*01/15/02*  
\_\_\_\_\_  
Date

*KAREN S Johnston*  
\_\_\_\_\_  
Please Print Witness Name



\_\_\_\_\_  
Witness Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Please Print Witness Name

ACKNOWLEDGEMENT OF ASSIGNEE:

Dyax Corp.

By: Ivana Maravić-Magovčević  
Ivana Maravić-Magovčević, Ph.D., J.D.  
Vice President Intellectual Property and  
Chief Patent Counsel

On this 15<sup>th</sup> day of JANUARY, 2002,  
Ivana Maravić-Magovčević personally appeared before me, a  
Notary Public in and for the State of MASSACHUSETTS,  
and duly acknowledged the executed Assignment on behalf  
of the Assignee.

Karen Johnston  
Notary Public

(Notarial seal)

My Commission Expires:

