

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

SECURITY AGREEMENT

CONVEYING PARTY DATA

Name	Execution Date
Dyax Corp., a Delaware Corporation	03/18/2009

RECEIVING PARTY DATA

Name:	Cowen Healthcare Royalty Partners, L.P.
Street Address:	177 Broad Street
Internal Address:	Suite 1101
City:	Stamford
State/Country:	CONNECTICUT
Postal Code:	06901

PROPERTY NUMBERS Total: 24

Property Type	Number
Patent Number:	5223409
Patent Number:	5403484
Patent Number:	5571698
Patent Number:	5837500
Patent Number:	6979538
Patent Number:	7208293
Patent Number:	7118879
Patent Number:	7413537
Patent Number:	7244592
Application Number:	07240160
Application Number:	10414643
Application Number:	11745199
Application Number:	12255793
Application Number:	11763251

PATENT

500810717

REEL: 022408 FRAME: 0768

CH \$960.00 5223409

Application Number:	60362403
Application Number:	09988899
Application Number:	11862791
Application Number:	09837306
Application Number:	10000516
Application Number:	10045674
Application Number:	11365556
Application Number:	60198069
Application Number:	10026925
Application Number:	11416460

CORRESPONDENCE DATA

Fax Number: (202)408-3141

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

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Correspondent Name: Corporation Service Company

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Address Line 2: Attn: Jean Paterson

Address Line 4: Washington, DISTRICT OF COLUMBIA 20005

ATTORNEY DOCKET NUMBER:	928899
NAME OF SUBMITTER:	Jean Paterson

Total Attachments: 9

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PATENT SECURITY AGREEMENT

This PATENT SECURITY AGREEMENT (this "Patent Security Agreement") is made and entered into as of March 18, 2009 (the "Effective Date") by and between Dyax Corp., a Delaware corporation (including its successors and assigns, "Grantor"), and Cowen Healthcare Royalty Partners, L.P., a Delaware limited partnership (including its successors and assigns, "Grantee").

WITNESSETH:

WHEREAS, Grantor and Grantee are parties to that certain Security Agreement, dated as of August 5, 2008, amended and restated as of March 18, 2009, (as may be further amended, supplemented and otherwise modified from time to time, the "Security Agreement");

WHEREAS, pursuant to the Security Agreement, Grantor is required to execute and deliver to Grantee this Patent Security Agreement for the purposes of filing;

NOW, THEREFORE, in consideration of the foregoing and of the mutual covenants hereinafter set forth and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties hereto hereby agree as follows:

1. **DEFINED TERMS.** All capitalized terms used but not otherwise defined herein have the meanings given to them in the Security Agreement.

2. **GRANT OF SECURITY INTEREST IN PATENT COLLATERAL.** Grantor hereby grants to Grantee a continuing first priority security interest in all of such Grantor's right, title and interest in, to and under the following, whether presently existing or hereafter created or acquired (collectively, the "Patent Collateral"):

- (a) all of the patents and patent applications set forth on Schedule I hereto;
- (b) all issued patents, reissues, reexaminations, renewals, and extensions of the foregoing and any continuations, continuations-in-part or divisionals of the foregoing;
- (c) all rights to sue for past, present and future infringement of any such patent right, including the right to receive all income, royalties and damages therefrom; and
- (d) to the extent not otherwise included, all products and proceeds of the foregoing.

3. **SECURITY FOR OBLIGATIONS.** This Patent Security Agreement and the security interest created hereby secures the payment and performance of all the Secured Obligations, whether now existing or arising hereafter.

4. **SECURITY AGREEMENT.** The security interests granted pursuant to this Patent Security Agreement are granted in conjunction with the security interests granted to

Grantee pursuant to the Security Agreement. Grantor hereby acknowledges and affirms that the rights and remedies of Grantee with respect to the security interest in the Patent Collateral set forth herein are more fully set forth in the Security Agreement, the terms and provisions of which are incorporated by reference herein as if fully set forth herein.

5. **AUTHORIZATION TO SUPPLEMENT.** Grantor shall give Grantee notice in accordance with the Security Agreement of any additional patents or applications therefor after the date hereof that are included in the Collateral. Grantor hereby authorizes Grantee unilaterally to modify this Agreement by amending Schedule I to include any such future patents or applications therefor of Grantor. Notwithstanding the foregoing, no failure to so modify this Patent Security Agreement or amend Schedule I shall in any way affect, invalidate or detract from Grantee's continuing security interest in all Collateral, whether or not listed on Schedule I.

6. **GOVERNING LAW.** This Agreement shall be governed by, and construed, interpreted and enforced in accordance with, the laws of the State of New York, without giving effect to the principles of conflicts of law thereof.

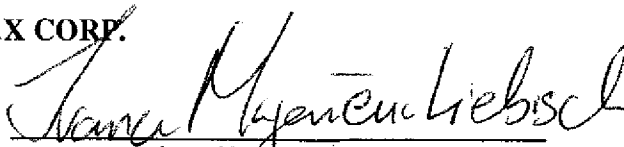
7. **COUNTERPARTS: EFFECTIVENESS.** This Agreement may be executed in two or more counterparts, each of which shall be an original, but all of which together shall constitute one and the same instrument. This Agreement shall become effective when each party hereto shall have received a counterpart hereof signed by the other parties hereto.

IN WITNESS WHEREOF, the parties hereto have caused this Patent Security Agreement to be duly executed by their respective authorized officers as of the date first above written.

GRANTOR:

DYAX CORP.

By:



Name: **Ivana Magovcic-Liebisch, Ph.D., J.D.**
Title: **Executive Vice President of Administration
and General Counsel**

[Signature Page to Patent Security Agreement]

GRANTEE:

COWEN HEALTHCARE ROYALTY PARTNERS, L.P.

By: Cowen Healthcare Royalty GP, LLC,
its General Partner

A handwritten signature in black ink, appearing to read 'Gregory B. Brown', with a long horizontal line extending to the right.

By: _____
Name: Gregory B. Brown, M.D.
Title: Managing Director

[Signature Page to Patent Security Agreement]

SCHEDULE I
TO
PATENT SECURITY AGREEMENT

PATENTS

PATENTS

LFRP Patents

DYAX (OWNER) PHAGE DISPLAY PATENT RIGHTS

DYAX PHAGE DISPLAY PATENT RIGHTS								
MATTER		SERIAL	PATENT	PUBL	TITLE	STATUS	ISSUE	EXPIRATION
Ladner 1	US	07/240,160			GENERATION AND SELECTION OF NOVEL DNA-BINDING PROTEINS AND POLYPEPTIDES	ABANDONED		7 /15/1991
Ladner 7	US	07/664,989	5,223,409		DIRECTED EVOLUTION OF NOVEL BINDING PROTEINS	ISSUED	6 /29/1993	6 /29/2010
Ladner 7D	US	08/009,319	5,403,484		VIRUSES EXPRESSING CHIMERIC BINDING PROTEINS	ISSUED	4 /4 /1995	4 /4 /2012
Ladner 7E	US	08/057,667	5,571,698		DIRECTED EVOLUTION OF NOVEL BINDING PROTEINS	ISSUED	11/5 /1996	6 /29/2010
Ladner 7F	US	08/415,922	5,837,500		DIRECTED EVOLUTION OF NOVEL BINDING PROTEINS	ISSUED	11/17/1998	6 /29/2010
Ladner 7J	US	09/781,988	6,979,538	20020150881	DIRECTED EVOLUTION OF NOVEL BINDING PROTEINS	ISSUED	12/27/2005	6 /29/2010
Ladner 7M	US	09/893,878	7,208,293	20030113717	DIRECTED EVOLUTION OF NOVEL BINDING PROTEINS	ISSUED	4 /24/2007	6 /29/2010
Ladner 7O	US	10/126,544	7,118,879	20040023205	METHOD OF RECOVERING A NUCLEIC ACID ENCODING A PROTEINACEOUS BINDING DOMAIN WHICH BINDS A TARGET MATERIAL	ISSUED	10/10/2006	6 /29/2010
Ladner 7R	US	10/207,797	7,413,537	20060084113	DIRECTED EVOLUTION OF DISULFIDE BONDED MICROPROTEINS	ISSUED	8 /19/2008	11/29/2012
Ladner 7S	US	10/414,643			METHOD OF RECOVERING A NUCLEIC ACID ENCODING A PROTEINACEOUS BINDING DOMAIN WHICH BINDS A TARGET	ABANDONED		10/23/2006

DYN PHAGE DISPLAY PATENT RIGHTS								
MATTER		SERIAL	PATENT	PUBL	TITLE	STATUS	ISSUE	EXPIRATION
					MATERIAL			
Ladner 7T	US	11/745,199		20070259417	DIRECTED EVOLUTION OF DISULFIDE BONDED PROTEINS	PUBLISHED		
Ladner 7U	US	12/255,793			DIRECTED EVOLUTION OF NOVEL BINDING PROTEINS	PENDING		

DYAX (OWNER) ANTIBODY TECHNOLOGY PATENTS (cont)

ANTIBODY REFORMATTING PATENTS

DYAX ANTIBODY REFORMATTING PATENT RIGHTS								
MATTER	SERIAL	INVENT	PUBL	TITLE	STATUS	ISSUE	EXPIRATION	
042001	US 10/383,902	7,244,592	20030224408	LIGAND SCREENING AND DISCOVERY	ISSUED	7 /17/2007	3/7.2023 (5 /14/2024 when add in (+434 Days PTA)	
042002	US 11/763,251			LIGAND SCREENING AND DISCOVERY	PENDING		3 /7 /2023	
042P01	US 60/362,403			LIGAND SCREENING AND DISCOVERY	EXPIRED		3 /7 /2003	

NOVEL FAB FRAGMENTS - HOOGENBOOM ET AL.

DYAX NOVEL FAB FRAGMENT PATENT RIGHTS - HOOGENBOOM							
MATTER		SERIAL	PATENT	PUBL	TITLE	STATUS	EXPIRATION
139001	US	09/988,899		20020102613	NOVEL FAB FRAGMENT LIBRARIES AND METHODS FOR THEIR USE	ABANDONE D	10/29/2007
139002	US	11/862,791		20080108514	NOVEL FAB FRAGMENT LIBRARIES AND METHODS FOR THEIR USE	PUBLISHED	5 /18/2019

CJ LIBRARY - LADNER ET AL.

DYAX CJ LIBRARY PATENT RIGHTS							
MATTER	SERIAL	PATENT	PUBL	TITLE	STATUS	ISSUE	EXPIRATION
140001	US 09/837,306		20040029113	NOVEL METHODS OF CONSTRUCTING LIBRARIES COMPRISING DISPLAYED AND/OR EXPRESSED MEMBERS OF A DIVERSE FAMILY OF PEPTIDES, POLYPEPTIDES OR PROTEINS AND NOVEL LIBRARIES	ABANDONED		6 /16/2006
140002	US 10/000,516			NOVEL METHODS OF CONSTRUCTING LIBRARIES COMPRISING DISPLAYED AND/OR EXPRESSED MEMBERS OF A DIVERSE FAMILY OF PEPTIDES, POLYPEPTIDES OR PROTEINS AND THE NOVEL LIBRARIES	ABANDONED		2 /22/2002
140003	US 10/045,674		20030232333	NOVEL METHODS OF CONSTRUCTING LIBRARIES COMPRISING DISPLAYED AND/OR EXPRESSED MEMBERS OF A DIVERSE FAMILY OF PEPTIDES,	PUBLISHED		4 /17/2021

DNA CDR LIBRARY PATENT RIGHTS								
MATTER		SERIAL	PATENT	NO.	TITLE	STATUS	ISSUE	EXPIRATION
					POLYPEPTIDES OR PROTEINS AND THE NOVEL LIBRARIES			
140004	US	11/365,556		20060166252	NOVEL METHODS OF CONSTRUCTING LIBRARIES COMPRISING DISPLAYED AND/OR EXPRESSED MEMBERS OF A DIVERSE FAMILY OF PEPTIDES, POLYPEPTIDES OR PROTEINS AND NOVEL LIBRARIES	PUBLISHED		4 /17/2021
140P01	US	60/198,069			NOVEL METHODS OF CONSTRUCTING LIBRARIES OF HUMAN FAB ANTIBODY FRAGMENTS DISPLAYED ON FILAMENTOUS PHAGE	EXPIRED		04/17/2001

SYNTHETIC CDR LIBRARIES - LADNER

SYNTHETIC CDR PATENT RIGHTS								
MATTER		SERIAL	PATENT	NO.	TITLE	STATUS	ISSUE	EXPIRATION
141001	US	10/026,925		20030119056	FOCUSED LIBRARIES OF GENETIC PACKAGES	ABANDONED		9 /8 /2006
141002	US	11/416,460		20060257937	FOCUSED LIBRARIES OF GENETIC PACKAGES	PUBLISHED		12/18/2021