

## TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

ETAS ID: TM309703

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT		
<b>NATURE OF CONVEYANCE:</b>	SECURITY INTEREST		
<b>CONVEYING PARTY DATA</b>			
<b>Name</b>	<b>Formerly</b>	<b>Execution Date</b>	<b>Entity Type</b>
Edge BioSystems, Inc.		07/03/2014	CORPORATION: MARYLAND
<b>RECEIVING PARTY DATA</b>			
<b>Name:</b>	COMERICA BANK		
<b>Street Address:</b>	39200 Six Mile Road		
<b>Internal Address:</b>	National Documentation Services, Mail Code 7578		
<b>City:</b>	Livonia		
<b>State/Country:</b>	MICHIGAN		
<b>Postal Code:</b>	48152		
<b>Entity Type:</b>	a Texas banking association: TEXAS		
<b>PROPERTY NUMBERS Total: 1</b>			
<b>Property Type</b>	<b>Number</b>	<b>Word Mark</b>	
<b>Registration Number:</b>	2540490	PERFORMA	
<b>CORRESPONDENCE DATA</b>			
<b>Fax Number:</b>	7349302494		
<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>			
<b>Phone:</b>	734-930-0121		
<b>Email:</b>	asujek@bodmanlaw.com		
<b>Correspondent Name:</b>	Angela Alvarez Sujek - Bodman PLC		
<b>Address Line 1:</b>	201 South Division, Suite 400		
<b>Address Line 4:</b>	Ann Arbor, MICHIGAN 48104		
<b>NAME OF SUBMITTER:</b>	Angela Alvarez Sujek		
<b>SIGNATURE:</b>	/Angela Alvarez Sujek/		
<b>DATE SIGNED:</b>	07/03/2014		
<b>Total Attachments: 6</b>			
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OP \$40.00 2540490

TRADEMARK

**INTELLECTUAL PROPERTY SECURITY AGREEMENT  
(Edge BioSystems, Inc.)**

This Intellectual Property Security Agreement is entered into as of July 3, 2014 by and between COMERICA BANK ("Bank") and EDGE BIOSYSTEMS, INC., a Maryland corporation ("Grantor").

**RECITALS**

A. Bank has agreed to make certain advances of money and to extend certain financial accommodations (each a "Loan", and collectively, the "Loans") to Grantor, which Loans are secured by, inter alia, that certain Security Agreement dated as of the date hereof executed by Grantor for the benefit of Bank (as the same may be amended, modified or supplemented from time to time, the "Security Agreement"). Capitalized terms used herein are used as defined in the Security Agreement.

B. Bank is willing to make the Loans to Grantor, but only upon the condition, among others, that Grantor shall grant to Bank a security interest in certain Copyrights, Trademarks and Patents to secure the Indebtedness (as defined in the Security Agreement).

C. Pursuant to the terms of the Security Agreement, Grantor has granted to Bank a security interest in all of Grantor's right, title and interest, whether presently existing or hereafter acquired, in, to and under all of the Collateral (as defined in the Security Agreement).

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, and intending to be legally bound, as collateral security for the prompt and complete payment when due of the Indebtedness, Grantor hereby represents, warrants, covenants and agrees as follows:

**AGREEMENT**

To secure payment when due, whether by stated maturity, demand, acceleration or otherwise, of all existing and future Indebtedness, Grantor grants and pledges to Bank a security interest in all of Grantor's right, title and interest in, to and under its all its intellectual property rights (including without limitation those Copyrights, Patents and Trademarks listed on Exhibits A, B and C hereto), and including without limitation all proceeds thereof (such as, by way of example but not by way of limitation, license royalties and proceeds of infringement suits), the right to sue for past, present and future infringements, all rights corresponding thereto throughout the world and all re-issues, divisions continuations, renewals, extensions and continuations-in-part thereof.

This security interest is granted in conjunction with the security interest granted to Bank under the Security Agreement. The rights and remedies of Bank with respect to the security interest granted hereby are in addition to those set forth in the Security Agreement and the other Loan Documents (as defined below), and those which are now or hereafter available to Bank as a matter of law or equity. Each right, power and remedy of Bank provided for herein or in the Security Agreement or any of the Loan Documents, or now or hereafter existing at law or in equity shall be cumulative and concurrent and shall be in addition to every right, power or remedy provided for herein and the exercise by Bank of any one or more of the rights, powers or remedies provided for in this Intellectual Property Security Agreement, the Security Agreement or any of the other Loan Documents, or now or hereafter existing at law or in equity, shall not preclude the simultaneous or later exercise by any person, including Bank, of any or all other rights, powers or remedies.

Grantor represents and warrants that Exhibits A, B, and C attached hereto set forth any and all intellectual property rights in connection to which Grantor has registered or filed an application with either the United States Patent and Trademark Office or the United States Copyright Office, as applicable.

As used herein, "Loan Documents" shall have the meaning set forth in the Credit Agreement dated as of the date hereof, by and among Grantor, EdgeBio Intermediate Holdings, Inc. and Bank, as may be amended, restated, supplemented or replaced from time to time.

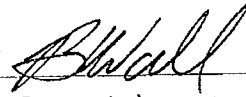
IN WITNESS WHEREOF, the parties have caused this Intellectual Property Security Agreement to be duly executed by its officers thereunto duly authorized as of the first date written above.

GRANTOR:

EDGE BIOSYSTEMS, INC.

Address of Grantor:

Edge BioSystems, Inc.  
201 Perry Parkway, Suite 5  
Gaithersburg, MD 20877

By:   
Title: President

Address of Bank:

Comerica Bank  
National Documentation Services  
39200 Six Mile Rd.  
Mail Code 7578  
Livonia, MI 48152

BANK:

COMERICA BANK

By: \_\_\_\_\_  
Title: \_\_\_\_\_

IN WITNESS WHEREOF, the parties have caused this Intellectual Property Security Agreement to be duly executed by its officers thereunto duly authorized as of the first date written above.

GRANTOR:

Address of Grantor:

Edge BioSystems, Inc.  
201 Perry Parkway, Suite 5  
Gaithersburg, MD 20877

EDGE BIOSYSTEMS, INC.

By: \_\_\_\_\_

Title: \_\_\_\_\_

Address of Bank:

Comerica Bank  
National Documentation Services  
39200 Six Mile Rd.  
Mail Code 7578  
Livonia, MI 48152

BANK:

COMERICA BANK

By:  \_\_\_\_\_

Title: VICE PRESIDENT

**EXHIBIT A**

**Copyrights**

None.

[Exhibit A]

**TRADEMARK**  
**REEL: 005316 FRAME: 0345**

**EXHIBIT B**

**Patents**

Title	App. No.	Filing Date	Reg. No.	Date Granted
Filterplate	29/331700	1/30/09	D623300	9/7/10
Ion exchange method for DNA purification	09/898473	7/5/01	6,504,021	1/7/03

**EXHIBIT C**

**Trademarks**

Mark	App. No.	Filing Date	Reg. No.	Reg. Date
PERFORMA	76/297288	8/9/01	2,540,490	2/19/02

[Exhibit C]