

TRADEMARK ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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|----------------------------------|---|-----------------------|-----------------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT | | |
| NATURE OF CONVEYANCE: | SECURITY INTEREST | | |
| CONVEYING PARTY DATA | | | |
| Name | Formerly | Execution Date | Entity Type |
| ActivBiotics, Inc. | | 12/07/2007 | CORPORATION: DELAWARE |
| RECEIVING PARTY DATA | | | |
| Name: | Horizon Technology Funding Company, LLC | | |
| Street Address: | 76 Batterson Park Road | | |
| City: | Farmington | | |
| State/Country: | CONNECTICUT | | |
| Postal Code: | 06032 | | |
| Entity Type: | LIMITED LIABILITY COMPANY: DELAWARE | | |
| PROPERTY NUMBERS Total: 1 | | | |
| Property Type | Number | Word Mark | |
| Serial Number: | 78387535 | ACTIVBIOTICS | |
| CORRESPONDENCE DATA | | | |
| Fax Number: | (617)951-7050 | | |
| | <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> | | |
| Phone: | (617)951-7933 | | |
| Email: | jennifer.holmes@ropesgray.com, patricia.chen@ropesgray.com, erin.dugan@ropesgray.com | | |
| Correspondent Name: | Jennifer K. Holmes c/o Ropes & Gray LLP | | |
| Address Line 1: | One International Place | | |
| Address Line 4: | Boston, MASSACHUSETTS 02110 | | |
| ATTORNEY DOCKET NUMBER: | HRZN-014 | | |
| NAME OF SUBMITTER: | Jennifer K. Holmes, Esq. | | |
| Signature: | /jennifer holmes/ | | |
| Date: | 01/07/2008 | | |

CH 78387535 \$40.00

Total Attachments: 2

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GRANT OF SECURITY INTEREST
TRADEMARKS

THIS GRANT OF SECURITY INTEREST, dated as of December 7, 2007, is executed by ActivBiotics, Inc., a Delaware corporation with an address of 40 Prentiss Street, Cambridge, Massachusetts 02140 ("Debtor"), in favor of HORIZON TECHNOLOGY FUNDING COMPANY LLC, a Delaware limited liability company with an address of 76 Batterson Park Road, Farmington, Connecticut 06032 ("Secured Party").

A. Pursuant to a certain Loan and Security Agreement, dated as of the date hereof (the "Agreement") by and between Debtor and the Secured Party, the Secured Party has agreed to extend certain credit facilities to Debtor upon the terms and subject to the conditions set forth therein;

B. Debtor owns the registered trademarks, service marks (and applications and registrations therefor), of the United States, more particularly described on Schedules 1 annexed hereto as part hereof (collectively, the "Trademarks");

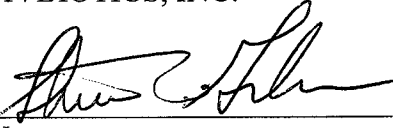
C. Pursuant to the Agreement, Debtor has granted to Secured Party a security interest in all right, title and interest of Debtor in and to the Trademarks, together with associated goodwill, and all proceeds thereof, including any and all causes of action which may exist by reason of infringement thereof for the full term of the Trademarks (the "Collateral"), to secure the prompt payment, performance and observance of the Obligations (as defined in the Agreement);

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, Debtor does hereby further grant to Secured Party a security interest in the Collateral to secure the prompt payment, performance and observance of the Obligations.

Debtor does hereby further acknowledge and affirm that the rights and remedies of Secured Party with respect to the security interest in the Collateral granted hereby are more fully set forth in the Agreement, the terms and provisions of which are hereby incorporated herein by reference as if fully set forth herein.

IN WITNESS WHEREOF, Debtor has caused this instrument to be executed as of the day and year first written above.

ACTIVBIOTICS, INC.

By: 
Name:
Title:

SCHEDULE 1 TO GRANT OF SECURITY INTEREST

TRADEMARK APPLICATIONS

| Trademark Application | Owner | Serial Number | Application Date |
|----------------------------------|----------------------|----------------------|-------------------------|
| ACTIVBIOTICS | Active Biotics, Inc. | 78387535 | 03/19/2004 |