

## TRADEMARK ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	SECURITY INTEREST		
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
eBioscience, Inc.		06/25/2012	CORPORATION: CALIFORNIA
RECEIVING PARTY DATA			
Name:	General Electric Capital Corporation, as Agent		
Street Address:	2 Bethesda Metro Center		
Internal Address:	Suite 600		
City:	Bethesda		
State/Country:	MARYLAND		
Postal Code:	20814		
Entity Type:	CORPORATION: DELAWARE		
PROPERTY NUMBERS Total: 8			
Property Type	Number	Word Mark	
Registration Number:	3630183	EFLUOR	
Registration Number:	3607893	BESTPROTOCOLS	
Registration Number:	3637795	READY-SET-GO!	
Registration Number:	3585904	TRUEBLOT ULTRA	
Registration Number:	3585903	TRUEBLOT	
Registration Number:	3607891	FULL SPECTRUM CELL ANALYSIS	
Registration Number:	3579220	THE NEW STANDARD OF EXCELLENCE	
Registration Number:	3642072	EBIOSCIENCE	
CORRESPONDENCE DATA			
Fax Number:	3129939767		
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>			
Phone:	312/876-7628		
Email:	linda.kastner@lw.com		

OP \$215.00 3630183

Correspondent Name: Linda R. Kastner, c/o Latham & Watkins  
Address Line 1: 233 S. Wacker Drive  
Address Line 2: Suite 5800  
Address Line 4: Chicago, ILLINOIS 60606

NAME OF SUBMITTER:	Linda Kastner
Signature:	/lk/
Date:	06/25/2012

**Total Attachments: 5**

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## TRADEMARK SECURITY AGREEMENT

THIS TRADEMARK SECURITY AGREEMENT, dated as of June 25, 2012, is made by the undersigned (the "Grantor"), in favor of General Electric Capital Corporation ("GE Capital"), as agent (in such capacity, together with its successors and permitted assigns, the "Agent") for the Lenders and the L/C Issuers (as defined in the Credit Agreement referred to below) and the other Secured Parties.

### WITNESSETH:

WHEREAS, pursuant to that certain Credit Agreement, dated as of June 25, 2012 (as the same may be amended, restated, supplemented or otherwise modified from time to time, the "Credit Agreement"), among the Borrower, the other Credit Parties, the Lenders party thereto from time to time and GE Capital, as Agent for the Lenders, the Lenders and the L/C Issuers have severally agreed to make extensions of credit to the Borrower upon the terms and subject to the conditions set forth therein;

WHEREAS, the Grantor has agreed, pursuant to that certain Guaranty and Security Agreement of even date herewith, by Affymetrix, Inc. (the "Borrower"), the Affiliates of the Borrower from time to time party thereto as Grantors in favor of Agent (as the same may be amended, restated, supplemented or otherwise modified from time to time, the "Guaranty and Security Agreement"), to guarantee the Obligations (as defined in the Credit Agreement) of the Borrower; and

WHEREAS, the Grantor is party to the Guaranty and Security Agreement pursuant to which the Grantor is required to execute and deliver this Trademark Security Agreement;

NOW, THEREFORE, in consideration of the premises and to induce the Lenders, the L/C Issuers and Agent to enter into the Credit Agreement and to induce the Lenders and the L/C Issuers to make their respective extensions of credit to the Borrower thereunder, the Grantor hereby agrees with Agent as follows:

Section 1. Defined Terms. Capitalized terms used herein without definition are used as defined in the Guaranty and Security Agreement.

Section 2. Grant of Security Interest in Trademark Collateral. The Grantor, as collateral security for the prompt and complete payment and performance when due (whether at stated maturity, by acceleration or otherwise) of the Secured Obligations of the Grantor, hereby mortgages, pledges and hypothecates to Agent for the benefit of the Secured Parties, and grants to Agent for the benefit of the Secured Parties a Lien on and security interest in, all of its right, title and interest in, to and under the following Collateral of the Grantor (the "Trademark Collateral"):

1. all of its Trademarks and providing for the grant by or to the Grantor of any right under any Trademark, including, without limitation, those referred to on Schedule 1 hereto;

2. all renewals and extensions of the foregoing;

3. all goodwill of the business connected with the use of, and symbolized by, each such Trademark; and

4. all income, royalties, proceeds and Liabilities at any time due or payable or asserted under and with respect to any of the foregoing, including, without limitation, all rights to sue and recover at law or in equity for any past, present and future infringement, misappropriation, dilution, violation or other impairment thereof.

Section 3. Guaranty and Security Agreement. The security interest granted pursuant to this Trademark Security Agreement is granted in conjunction with the security interest granted to Agent pursuant to the Guaranty and Security Agreement and each Grantor hereby acknowledges and agrees that the rights and remedies of Agent with respect to the security interest in the Trademark Collateral made and granted hereby are more fully set forth in the Guaranty and Security Agreement, the terms and provisions of which are incorporated by reference herein as if fully set forth herein. Nothing herein shall be deemed to grant a Lien or security interest in or to any Excluded Property.

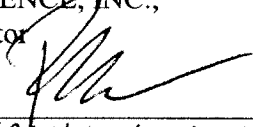
Section 4. Counterparts. This Trademark Security Agreement may be executed in any number of counterparts and by different parties in separate counterparts, each of which when so executed shall be deemed to be an original and all of which taken together shall constitute one and the same agreement. Signature pages may be detached from multiple separate counterparts and attached to a single counterpart.

Section 5. Governing Law. This Trademark Security Agreement and the rights and obligations of the parties hereto shall be governed by, and construed and interpreted in accordance with, the law of the State of New York.

*[Signature Pages Follow]*

IN WITNESS WHEREOF, each Grantor has caused this Trademark Security Agreement to be executed and delivered by its duly authorized officer as of the date first set forth above.

EBIOSCIENCE, INC.,  
as a Grantor

By:   
Name: FRANK WITNEY  
Title: CEO

[Signature Page to Trademark Security Agreement]

**TRADEMARK**  
**REEL: 004807 FRAME: 0802**

ACCEPTED AND AGREED  
as of the date first above written:

GENERAL ELECTRIC CAPITAL CORPORATION,  
as Agent

By: 

Name: Andrew Moore

Title: Its Duly Authorized Signatory

## Schedule I

### Trademarks

Owner	Registration/Application Number and Date(indicate if an application)	Date of Registration/Application	Jurisdiction of Registration or Application	Description of Trademarks, Tradenames or Service Marks
eBioscience, Inc.	3630183	06/02/2009	United States	EFLUOR
eBioscience, Inc.	3607893	04/14/2009	United States	BESTPROTOCOLS
eBioscience, Inc.	3637795	06/16/2009	United States	READY-SET-GO!
eBioscience, Inc.	3585904	03/10/2009	United States	TRUEBLOT ULTRA
eBioscience, Inc.	3585903	03/10/2009	United States	TRUEBLOT
eBioscience, Inc.	3607891	04/14/2009	United States	FULL SPECTRUM CELL ANALYSIS
eBioscience, Inc.	3579220	02/24/2009	United States	THE NEW STANDARD OF EXCELLENCE
eBioscience, Inc.	3642072	06/23/2009	United States	EBIOSCIENCE
Bender Medsystems, GmbH	212263	09/12/2003	Austria	Hermes (design mark)
Bender Medsystems, GmbH	IR 818799	10/14/2003	Japan	Hermes (design mark)
Bender Medsystems, GmbH	2918972	01/18/2005	United States	Hermes (design mark)
Bender Medsystems, GmbH	22661	03/14/2002	Austria	Instant ELISA (word mark)
Bender Medsystems, GmbH	IR 784708	06/17/2002	Japan	Instant ELISA (word mark)
Bender Medsystems, GmbH	2857072	06/22/2004	United States	Instant ELISA (word mark)
Bender Medsystems, GmbH	202818	03/21/2002	Austria	Instant ELISA (word mark & design)
Affymetrix, Inc.	886078	08/16/2001	Australia	AFFYMETRIX
Affymetrix, Inc.	806641	09/09/1999	Australia	GENECHIP