

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>FEI MAO</td> <td>09/04/2008</td> </tr> <tr> <td>HUI GEN</td> <td>09/11/2008</td> </tr> <tr> <td>WAI-YEE LEUNG</td> <td>09/05/2008</td> </tr> </tbody> </table>		Name	Execution Date	FEI MAO	09/04/2008	HUI GEN	09/11/2008	WAI-YEE LEUNG	09/05/2008
Name	Execution Date								
FEI MAO	09/04/2008								
HUI GEN	09/11/2008								
WAI-YEE LEUNG	09/05/2008								
RECEIVING PARTY DATA									
Name:	BIOTIUM, INC.								
Street Address:	3159 CORPORATE PLACE								
City:	HAYWARD								
State/Country:	CALIFORNIA								
Postal Code:	94545								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>14051187</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14051187				
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Application Number:	14051187								
CORRESPONDENCE DATA									
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<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>									
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ATTORNEY DOCKET NUMBER:	35993-702.831								
NAME OF SUBMITTER:	CHRISTINE RICKS								
Signature:	/Christine Ricks/								
Date:	10/11/2013								
Total Attachments: 1 source=35993_702_303_signed_Assignment#page1.tif									

CH \$40.00 14051187

ASSIGNMENT OF APPLICATION

Docket Number 35993-702.831

Whereas, the undersigned:

- 1. Mao, Fei
Fremont, CA
- 2. Cen, Hui
Oakland, CA
- 3. Leung, Wai-ye
San Ramon, CA

hereinafter termed "Inventors", have invented certain new and useful improvements in

ENZYME SUBSTRATE COMPRISING A FUNCTIONAL DYE AND ASSOCIATED TECHNOLOGY AND METHODS

- for which an application for United States Patent is executed on even date herewith.
- for which an application for United States Patent was filed on May 29, 2008, Application No. 12/095,322.
- for which a United States Patent issued on ____, U.S. Patent No. ____.

WHEREAS, Biotium, Inc., a corporation of the State of California, having a place of business at 3423 Investment Boulevard, Suite 8, Hayward, California 94545, (hereinafter termed "Assignee"), is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventors to have been received in full from said Assignee:

1. Said Inventors do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.

2. Said Inventors hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.

3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, their respective heirs, legal representatives and assigns.

4. Said Inventors hereby jointly and severally warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, said Inventors have executed and delivered this instrument to said Assignee as of the dates written below:

Date: 09/04/08

[Signature]
Fei Mao

Date: 9/11/08

[Signature]
Hui Cen

Date: 09/05/08

[Signature]
Wai-ye Leung

RECEIVED AND AGREED TO BY ASSIGNEE:

Biotium, Inc.

Date: 09/04/08

By: [Signature]
Name: Fei Mao
Title: Chief Technology Officer