

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Chongwu Zhou</td> <td>04/27/2010</td> </tr> <tr> <td>Mark E. Thompson</td> <td>04/29/2010</td> </tr> <tr> <td>Allen S. Yang</td> <td>04/30/2010</td> </tr> <tr> <td>Richard James Cote</td> <td>05/04/2010</td> </tr> </tbody> </table>		Name	Execution Date	Chongwu Zhou	04/27/2010	Mark E. Thompson	04/29/2010	Allen S. Yang	04/30/2010	Richard James Cote	05/04/2010		
Name	Execution Date												
Chongwu Zhou	04/27/2010												
Mark E. Thompson	04/29/2010												
Allen S. Yang	04/30/2010												
Richard James Cote	05/04/2010												
RECEIVING PARTY DATA													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>University of Southern California</td> </tr> <tr> <td>Street Address:</td> <td>3740 McClintock Avenue</td> </tr> <tr> <td>Internal Address:</td> <td>Hughes EEB Suite 131</td> </tr> <tr> <td>City:</td> <td>Los Angeles</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>90089-2561</td> </tr> </table>		Name:	University of Southern California	Street Address:	3740 McClintock Avenue	Internal Address:	Hughes EEB Suite 131	City:	Los Angeles	State/Country:	CALIFORNIA	Postal Code:	90089-2561
Name:	University of Southern California												
Street Address:	3740 McClintock Avenue												
Internal Address:	Hughes EEB Suite 131												
City:	Los Angeles												
State/Country:	CALIFORNIA												
Postal Code:	90089-2561												
PROPERTY NUMBERS Total: 1													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th style="width: 70%;">Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12680806</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12680806								
Property Type	Number												
Application Number:	12680806												
CORRESPONDENCE DATA													
<p>Fax Number: (213)633-6899 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 2136336800 Email: sethlevy@dwt.com Correspondent Name: Davis Wright Tremaine LLP Address Line 1: 865 S. Figueroa Street, Suite 2400 Address Line 4: Los Angeles, CALIFORNIA 90017</p>													
ATTORNEY DOCKET NUMBER:	34371-006US0												
NAME OF SUBMITTER:	Seth D. Levy												

CH \$40.00 12680806

501190635

**PATENT
 REEL: 024459 FRAME: 0302**

Total Attachments: 6

source=Assignment-34371-006US0#page1.tif

source=Assignment-34371-006US0#page2.tif

source=Assignment-34371-006US0#page3.tif

source=Assignment-34371-006US0#page4.tif

source=Assignment-34371-006US0#page5.tif

source=Assignment-34371-006US0#page6.tif

ASSIGNMENT

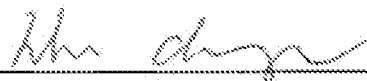
WHEREAS, we, **Chongwu Zhou, Mark E. Thompson, Alan S. Yang and Richard James Cote** (hereinafter referred to as **ASSIGNORS**), are the joint inventors of an invention entitled **"DETECTION OF METHYLATED DNA AND DNA MUTATIONS"** as described and claimed in the specification forming part of an application for United States Letters Patent filed **March 30, 2010**, as **U.S. Application Serial No. 12/680,806**, which is the National Phase of International PCT Application No. **PCT/US08/78452**, filed **October 1, 2008**, an application claiming the benefit of **U.S. Provisional Application Serial No. 60/976,774**, filed **October 1, 2007** and **U.S. Provisional Application Serial No. 60/976,780**, filed **October 1, 2007**; and

WHEREAS, **UNIVERSITY OF SOUTHERN CALIFORNIA** (hereinafter referred to as **ASSIGNEE**), a public university of the State of California, having administrative offices at USC Stevens Center for Innovation, 3740 McClintock Avenue, Hughes EEB Suite 131, Los Angeles, California 90089-2561, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, **ASSIGNORS** hereby sell, assign and transfer unto said **ASSIGNEE**, the entire right, title and interest in and to said invention, said application and any and all letters patents which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of **ASSIGNEE** and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patents on said invention to be held and enjoyed by **ASSIGNEE** and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by **ASSIGNORS** had this assignment, transfer and sale not been made. **ASSIGNORS** hereby authorize and request the Commissioner for Patents and

Trademarks to issue all letters patents on said invention to ASSIGNEE. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patents on said invention, for litigation regarding said letters patents, or for the purpose of protecting title to said invention or letters patents therefor.

4/27/2010
Date

By 
Chongwu Zhou

4/29/2010
Date

By 
Mark E. Thompson

Date

By _____
Allen S. Yang

Date

By _____
Richard James Cote

ASSIGNMENT

WHEREAS, we, Chongwu Zhou, Mark E. Thompson, Alan S. Yang and Richard James Cote (hereinafter referred to as ASSIGNORS), are the joint inventors of an invention entitled "DETECTION OF METHYLATED DNA AND DNA MUTATIONS" as described and claimed in the specification forming part of an application for United States Letters Patent filed March 30, 2010, as U.S. Application Serial No. 12/680,806, which is the National Phase of International PCT Application No. PCT/US08/78452, filed October 1, 2008, an application claiming the benefit of U.S. Provisional Application Serial No. 60/976,774, filed October 1, 2007 and U.S. Provisional Application Serial No. 60/976,780, filed October 1, 2007; and

WHEREAS, UNIVERSITY OF SOUTHERN CALIFORNIA (hereinafter referred to as ASSIGNEE), a public university of the State of California, having administrative offices at USC Stevens Center for Innovation, 3740 McClintock Avenue, Hughes EEB Suite 131, Los Angeles, California 90089-2561, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patents which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patents on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner for Patents and

Trademarks to issue all letters patents on said invention to ASSIGNEE. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patents on said invention, for litigation regarding said letters patents, or for the purpose of protecting title to said invention or letters patents therefor.

Date

By _____
Chongwu Zhou

Date

By _____
Mark E. Thompson

Date

4/30/2010

By _____
Allen S. Yang

Date

By _____
Richard James Cote

ASSIGNMENT

WHEREAS, we, Chongwu Zhou, Mark E. Thompson, Alan S. Yang and Richard James Cote (hereinafter referred to as ASSIGNORS), are the joint inventors of an invention entitled "DETECTION OF METHYLATED DNA AND DNA MUTATIONS" as described and claimed in the specification forming part of an application for United States Letters Patent filed March 30, 2010, as U.S. Application Serial No. 12/680,806, which is the National Phase of International PCT Application No. PCT/US08/78452, filed October 1, 2008, an application claiming the benefit of U.S. Provisional Application Serial No. 60/976,774, filed October 1, 2007 and U.S. Provisional Application Serial No. 60/976,780, filed October 1, 2007; and

WHEREAS, UNIVERSITY OF SOUTHERN CALIFORNIA (hereinafter referred to as ASSIGNEE), a public university of the State of California, having administrative offices at USC Stevens Center for Innovation, 3740 McClintock Avenue, Hughes EEB Suite 131, Los Angeles, California 90089-2561, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patents which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patents on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner for Patents and

Trademarks to issue all letters patents on said invention to ASSIGNEE. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patents on said invention, for litigation regarding said letters patents, or for the purpose of protecting title to said invention or letters patents therefor.

Date

By _____
Chongwu Zhou

Date

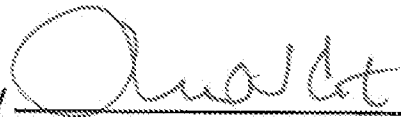
By _____
Mark E. Thompson

Date

By _____
Allen S. Yang

May 4, 2010

Date

By 
Richard James Cote