

PATENT ASSIGNMENT

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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>Frank N. Chang</td> <td>02/16/2010</td> </tr> <tr> <td>Phu T. Duong</td> <td>03/13/2010</td> </tr> <tr> <td>George P. Tuszynski</td> <td>02/09/2010</td> </tr> </tbody> </table>		Name	Execution Date	Frank N. Chang	02/16/2010	Phu T. Duong	03/13/2010	George P. Tuszynski	02/09/2010
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Frank N. Chang	02/16/2010								
Phu T. Duong	03/13/2010								
George P. Tuszynski	02/09/2010								
RECEIVING PARTY DATA									
Name:	TEMPLE UNIVERSITY - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION								
Street Address:	Broad Street and Montgomery Avenue								
City:	Philadelphia								
State/Country:	PENNSYLVANIA								
Postal Code:	19122								
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>12670343</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12670343				
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Application Number:	12670343								
CORRESPONDENCE DATA									
Fax Number:	(215)988-2757								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	2159883384								
Email:	leola.bryant@dbr.com								
Correspondent Name:	Leola P. Bryant								
Address Line 1:	Drinker Biddle & Reath LLP								
Address Line 2:	One Logan Square, Ste. 2000								
Address Line 4:	Philadelphia, PENNSYLVANIA 19103-6996								
ATTORNEY DOCKET NUMBER:	35926-0331-00-US								
NAME OF SUBMITTER:	Leola P. Bryant								
Total Attachments: 4									

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**PATENT
 REEL: 024414 FRAME: 0872**

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ASSIGNMENT

WHEREAS, we, citizens of the United States of America, with respective post office addresses of:

Frank N. Chang

1412 Candlebrooke Drive, Dresher, Pennsylvania 19025, U.S.A.

Phu T. Duong

85 Spring Road, Malvern, Pennsylvania 19355, U.S.A.

George P. Tuszynski

17 Lake Centerton Drive, Pittsgrove, New Jersey 08318, U.S.A.

hereinafter generally referred to as "ASSIGNORS" have invented a certain new and useful

METHOD FOR DETECTING DISEASE MARKERS

for which we have on **January 15, 2008** filed International Patent Application number **PCT/US2008/000509**, which designates the United States, and,

WHEREAS, **TEMPLE UNIVERSITY – OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION**, a Pennsylvania corporation having a place of business at Broad Street and Montgomery Avenue, Philadelphia, Pennsylvania 19122, U.S.A., hereinafter generally referred to as "ASSIGNEE" is desirous of acquiring said invention and said application for Letters Patent.

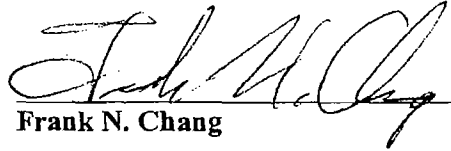
NOW, THEREFORE, in consideration of the sum of One Dollar and other good and valuable executed consideration, the full receipt and sufficiency of all of which are hereby acknowledged, and intending to be legally bound hereby, we, the undersigned ASSIGNORS, hereby agree to sell, assign, transfer and convey and by these presents do sell, assign, transfer and convey unto the above-named ASSIGNEE, the whole and entire right, title and interest

in and to said invention as described in the above application for Letters Patent, for the territory of the United States and its possessions and territories and all foreign countries, and

in and to the above application for Letters Patent, including any continuing and/or divisional applications therefor, any provisional applications identified in the above application, and any and all United States Letters Patent which may be granted on said application(s) including reissues and reexaminations, and all foreign Letters Patent which may be granted on said invention, including reissues, extensions, renewals and reexaminations of such Letters Patent;

said invention, application and Letters Patent to be held and enjoyed by the above-named ASSIGNEE, for ASSIGNEE's own use and behoof, and for ASSIGNEE's legal representatives and assigns to the full end of the term or terms for which said Letters Patent may be granted, as fully and entirely as the same would have been held by the undersigned ASSIGNORS had this assignment and sale not been made; and for the aforesaid consideration ASSIGNORS hereby covenant, agree and undertake to execute, whenever requested by the above-named ASSIGNEE, all patent applications, assignments, lawful oaths and any other papers which ASSIGNEE may deem necessary or desirable for securing to ASSIGNEE or for maintaining for ASSIGNEE all the Letters Patent hereby assigned or agreed to be assigned; all without further compensation to the undersigned ASSIGNORS.

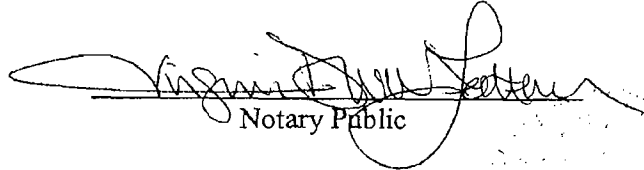
IN TESTIMONY WHEREOF, we have hereunto set our hand on the dates indicated below.

 (L.S.)
Frank N. Chang

State of PA:

County of Montgomery^{SS}

Before me, a Notary Public, in and for the State and County aforesaid, on this 16th day of February, 2010 personally appeared **Frank N. Chang**, who being to me personally known, and who having first executed the foregoing instrument in my presence and having been by me first duly sworn, did acknowledge the foregoing instrument as his free deed and act, signed, sealed and delivered by him for the purpose therein stated and intending to be legally bound thereby and intending that said instrument be recorded.


Notary Public

COMMONWEALTH OF PENNSYLVANIA
NOTARIAL SEAL
Virginia D. Weber-Lederhandler, Notary Public
Upper Dublin, Montgomery County
My commission expires October 03, 2012

Phu T. Duong (L.S.)
Phu T. Duong

State of PA:

County of Chester^{SS}:

13 day of March, 2010 personally appeared Phu T. Duong, who being to me personally known, and who having first executed the foregoing instrument in my presence and having been by me first duly sworn, did acknowledge the foregoing instrument as his free deed and act, signed, sealed and delivered by him for the purpose therein stated and intending to be legally bound thereby and intending that said instrument be recorded.

Lindsey L. Aberts
Notary Public

COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Lindsey L. Aberts, Notary Public
Calm Twp., Chester County
My Commission Expires Nov. 21, 2011
Member, Pennsylvania Association of Notaries

George P. Tuszynski (L.S.)
George P. Tuszynski

State of Pennsylvania :

County of Philadelphia ^{SS}

Before me, a Notary Public, in and for the State and County aforesaid, on this 9 day of February, 2010 personally appeared **George P. Tuszynski**, who being to me personally known, and who having first executed the foregoing instrument in my presence and having been by me first duly sworn, did acknowledge the foregoing instrument as his free deed and act, signed, sealed and delivered by him for the purpose therein stated and intending to be legally bound thereby and intending that said instrument be recorded.

Jessica Otte
Notary Public

