

PATENT ASSIGNMENT

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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>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Darryl J. Bornhop</td> <td>10/16/2007</td> </tr> <tr> <td>H. Charles Manning</td> <td>10/16/2007</td> </tr> <tr> <td>Mingfeng Bai</td> <td>10/15/2007</td> </tr> <tr> <td>Shelby K. Wyatt</td> <td>10/16/2007</td> </tr> </tbody> </table>		Name	Execution Date	Darryl J. Bornhop	10/16/2007	H. Charles Manning	10/16/2007	Mingfeng Bai	10/15/2007	Shelby K. Wyatt	10/16/2007
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H. Charles Manning	10/16/2007										
Mingfeng Bai	10/15/2007										
Shelby K. Wyatt	10/16/2007										
RECEIVING PARTY DATA											
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City:	Nashville										
State/Country:	TENNESSEE										
Postal Code:	37240										
PROPERTY NUMBERS Total: 1											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11777752</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11777752						
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CORRESPONDENCE DATA											
Fax Number:	(615)313-3972										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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NAME OF SUBMITTER:	Francine M. VanAelst										
Total Attachments: 5											

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**PATENT
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ASSIGNMENT
U.S. Application No. 11/777,752
Filed July 13, 2007

WHEREAS, Darryl J. Bornhop, H. Charles Manning, Mingfeng Bai, and Shelby K Wyatt (hereinafter designated as the undersigned) has invented certain new and useful improvements in AGENTS FOR THERAPY EFFICACY MONITORING AND DEEP TISSUE IMAGING for which an application for Letters Patent of the United States of America has been filed on July 13, 2007 and assigned Application Serial Number 11/777,752; and

WHEREAS, Vanderbilt University of Nashville, TN, its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and in any foreign countries.

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has sold, assigned and transferred, and by these presents does sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and in any and all foreign countries; and to any and all utility applications claiming priority thereto and any and all divisions, reissues, continuations, continuation-in-parts, conversions and extensions thereof for the full term or terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

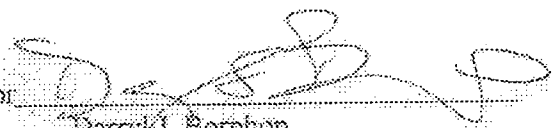
The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Stites & Harbison, PLLC the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document, including serial numbers and filing dates above.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

IN WITNESS WHEREOF, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date 10/16/09

Name of Inventor 
Darryl J. Borohop

Date _____

Name of Inventor _____

Date _____

Name of Inventor _____
Mingfeng Bai

Date _____

Name of Inventor _____
Shelby K. Wyatt

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Date _____

Name of Inventor _____
Darryl J. Bornhop

Date 10/16/2007

Name of Inventor *H. Charles Manning*
H. Charles Manning

Date _____

Name of Inventor _____
Mingfeng Bai

Date 10.16.2007

Name of Inventor *Shelby K Wyatt*
Shelby K. Wyatt

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Name of Inventor _____

Darryl J. Bornhop

Date _____

Name of Inventor _____

H. Charles Manning

Date 10/15/07

Name of Inventor _____


Mingling Bai

Date _____

Name of Inventor _____

Shelby K. Wyatt