

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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>Periannan Kuppusamy</td><td>08/17/2006</td></tr><tr><td>Ramasamy P Pandian</td><td>08/17/2006</td></tr><tr><td>Narasimham L Parinandi</td><td>08/17/2006</td></tr><tr><td>Jay L Zweier</td><td>08/17/2006</td></tr></tbody></table>	Name	Execution Date	Periannan Kuppusamy	08/17/2006	Ramasamy P Pandian	08/17/2006	Narasimham L Parinandi	08/17/2006	Jay L Zweier	08/17/2006	
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Periannan Kuppusamy	08/17/2006										
Ramasamy P Pandian	08/17/2006										
Narasimham L Parinandi	08/17/2006										
Jay L Zweier	08/17/2006										
RECEIVING PARTY DATA											
Name:	The Ohio State University Research Foundation										
Street Address:	1960 Kenny Road										
City:	Columbus										
State/Country:	OHIO										
Postal Code:	43210-1063										
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>10935297</td></tr></tbody></table>	Property Type	Number	Application Number:	10935297							
Property Type	Number										
Application Number:	10935297										
CORRESPONDENCE DATA											
Fax Number:	(216)241-0816										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	2166228895										
Email:	kfrost@calfee.com										
Correspondent Name:	Kristin J. Frost										
Address Line 1:	800 Superior Avenue										
Address Line 2:	1400 McDonald Investment Center										
Address Line 4:	Cleveland, OHIO 44114										
ATTORNEY DOCKET NUMBER:	22727.04181										
NAME OF SUBMITTER:	Kristin J. Frost										

CH \$40.00 10935297

Total Attachments: 4

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PATENT

REEL: 018154 FRAME: 0081

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Periannan Kuppusamy
Ramasamy P. Pandian
Narasimham L. Parinandi
Jay L. Zweier

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) Aug. 17, 2006

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: The Ohio State University Research Foundation

Internal Address: _____

Street Address: 1960 Kenny Road

City: Columbus

State: Ohio

Country: US Zip: 43210-1063

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No.(s)
10/935,297

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Kristin J. Frost

Internal Address: Calfee, Halter & Griswold, LLP

Street Address: 800 Superior Avenue

1400 McDonald Investment Center

City: Cleveland

State: Ohio Zip: 44114

Phone Number: (216) 622-8895

Fax Number: (216) 241-0816

Email Address: kfrost@calfee.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐ Authorized to be charged by credit card
☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

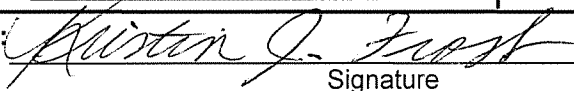
8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number 03-0172

Authorized User Name Kristin J. Frost

9. Signature:



Signature

August 22, 2006

Date

Kristin J. Frost

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

4

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

ASSIGNMENT

For One Dollar (\$1.00) and other good and valuable consideration received of the hereinafter named assignee, receipt of which is hereby acknowledged, we, the undersigned, **Periannan Kuppasamy**, 6971 Cunningham Drive, New Albany, OH 43054; **Ramasamy P. Pandian**, 5056 Cobblestone Drive, Apt. F, Columbus, OH 43220; **Narasimham L. Parinandi**, 2754 Clifton Avenue, Upper Arlington, OH 43221; and **Jay L. Zweier**, 2858 Colts Neck Road, Blacklick, OH 43004, hereby assign all right, title and interest to **The Ohio State University Research Foundation**, 1960 Kenny Road, Columbus, Ohio 43210-1063, its successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries, in and to the inventions in

NANOPARTICULATE PROBE FOR IN VIVO MONITORING OF TISSUE OXYGENATION

set forth in the application serial number 10/935,297, filed on September 7, 2004, for United States Letters Patent, said application for United States Letters Patent, any and all other applications for Letters Patent on said inventions in countries foreign to the United States, including all divisional, renewal, substitute, continuation and Convention applications based in whole or in part upon said inventions or upon said applications, and any and all Letters Patents and reissues and extension of Letters Patent granted for said inventions or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said applications and said Letters Patent; said assignee being hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in the name of said assignee or otherwise as said assignee may deem advisable, under the International Convention or otherwise; the Commissioner of Patents of the United States of America and the empowered officials of all other governments being hereby authorized to issue or transfer all said Letters Patent to said assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right heretofore given, and that the undersigned will do all acts reasonably serving to assure that the said inventions, patent applications and Letters Patent shall be held and enjoyed by said assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said assignee all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, and lawful affidavits in form and in substance which may be requested by said assignee, to furnish said assignee with all facts relating to said inventions or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may be useful for establishing the facts of conception, disclosure and reduction to practice of said inventions, and the testify in any proceedings relating to said inventions, patent applications and Letters Patent.


(1)
Date: 8/17/06


Periannan Kuppusamy

State of Ohio)
)
County of Franklin) SS:

On this 17th day of August, 2006, personally appeared before me, Periannan Kuppusamy, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and the purposes therein mentioned.

Date: 8-17-06


Notary Public

(2)
Date: 8-17-06

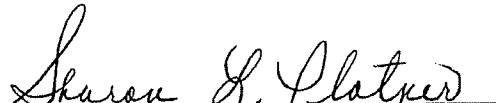
R. Puthigamoni Pandian
Ramasamy P. Pandian

State of Ohio)
)
County of Franklin) SS:

SHARON L. PLOTNER
NOTARY PUBLIC, STATE OF OHIO
MY COMMISSION EXPIRES 06-27-07

On this 17th day of August, 2006, personally appeared before me, Ramasamy P. Pandian, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and the purposes therein mentioned.

Date: 8-17-06


Notary Public

SHARON L. PLOTNER
NOTARY PUBLIC, STATE OF OHIO
MY COMMISSION EXPIRES 06-27-07

(3)
Date: 17/August/2006

Narasimham L. Parinandi
Narasimham L. Parinandi

State of Ohio)
County of Franklin) SS:

On this 17th day of August, 2006, personally appeared before me, Narasimham L. Parinandi, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and the purposes therein mentioned.

Date: 8-17-06

Sharon L. Plotner
Notary Public
SHARON L. PLOTNER
NOTARY PUBLIC, STATE OF OHIO
MY COMMISSION EXPIRES 06-27-07

(4)
Date: 8-17-06

Jay L. Zweier
Jay L. Zweier

State of Ohio)
County of Franklin) SS:

On this 17th day of August, 2006, personally appeared before me, Jay L. Zweier, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and the purposes therein mentioned.

Date: 8-17-06

Sharon L. Plotner
Notary Public
SHARON L. PLOTNER
NOTARY PUBLIC, STATE OF OHIO
MY COMMISSION EXPIRES 06-27-07

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