

Form PTO-1595 (Rev. 06/04)
 OMB No. 0651-0027 (exp. 6/30/2005)

U.S. DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office

**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)/Execution Date(s):
 Jonathan M. Rubin
 Jeffrey Brian Fowlkes
 Charles R. Meyer
 Srini Tridandapani
 Execution Date(s) March 14, 2005; April 12, 2005; March 30, 2005; and March 16, 2005
 Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)
 Name: The Regents of the University of Michigan
 Internal Address: _____
 Street Address: 3003 South State Street
 City: Ann Arbor
 State: Michigan
 Country: USA Zip: 48109
 Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Government Interest Assignment
 Executive Order 9424, Confirmatory License
 Other _____

4. Application or patent number(s): This document is being filed together with a new application.
 A. Patent Application No.(s)
11/029,773
 Additional numbers attached? Yes No

B. Patent No.(s)

5. Name and address to whom correspondence concerning document should be mailed:
 Name: Barry E. Sammons
 Internal Address: Quarles & Brady LLP
 Street Address: 411 East Wisconsin Avenue
 City: Milwaukee
 State: Wisconsin Zip: 53202
 Phone Number: 414.277.5705
 Fax Number: 414.271.3552
 Email Address: bcs@quarles.com

6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 1.21(h) & 3.41) \$ _____
 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 17-0055
 Authorized User Name _____

9. Signature: [Signature]
 Signature
 Terri S. Flynn
 Name of Person Signing

December 2, 2005
 Date
 Total number of pages including cover sheet, attachments, and documents: 5

Documents to be recorded (including cover sheet) should be faxed to (703) 306-9955, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA, 22313-1450

RightFax

11/28/05 8:21 PAGE 001/007 FAX Server

09/19/2005
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U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

Form PTO-1594 (Rev. 06/04)
CWS No. 0651-0037 (Rev. 03/02/05)

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)/Execution Date(s):

Jonathan M. Rubin
Jeffrey Brian Fowlkes
Charles R. Mayer
Srinil Trilandapani

March 14, 2005; April 12, 2005; March 30,
2006; and March 10, 2008

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Government Interest Assignment
- Executive Order 8424, Confirmatory License
- Other

2. Name and address of receiving party(ies)

Name: The Regents of the University of Michigan

Internal Address: _____

Street Address: 3003 South State Street

City: Ann Arbor

State: Michigan

Country: USA Zip: 48109

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

4. Application or patent number(s):

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A. Patent Application No.(s)

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Name: Barry E. Sammons

Internal Address: Quarles & Brady LLP

Street Address: 411 East Wisconsin Avenue

City: Milwaukee

State: Wisconsin Zip: 53202

Phone Number: 414.277.5705

Fax Number: 414.271.3552

Email Address: bes@quarles.com

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40

- 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 17-0053

Authorized User Name _____

9. Signature:

Signature

September 19, 2005

Date

Terri S. Flynn

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 5

Documents to be recorded (including cover sheet) should be filed to (703) 304-2000, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1489, Alexandria, VA 22313-1486

Docket Number: 920357.90057

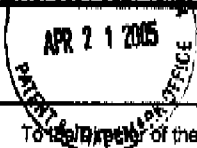
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Form **PTO-1595** (Rev. 03/04)
OMB No. 0851-0027 (6/96) 6/30/2005

04-26-2005

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office



RECOI



To the Director of the U.S. Patent and Trademark Office

102989807

ments or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):

Jonathan M. Rubin
Jeffrey Brian Fowlkes
Charles R. Meyer
Srinidandapani

Execution Date(s) March 12, 14, 16 & 30, 2005

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

2. Name and address of receiving party(ies)

Name: The Regents of the University of Michigan

Internal Address: _____

Street Address: 3003 South State Street

City: Ann Arbor

State: Michigan

Country: USA Zip: 48109

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A. Patent Application No.(s)

11/029,773

This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Barry E. Sammons

Internal Address: Quarles & Brady LLP

Street Address: 411 East Wisconsin Avenue

City: Milwaukee

State: Wisconsin

Zip: 53202

Phone Number: 414.277.6705

Fax Number: 414.271.3552

Email Address: bes@quarles.com

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40

- 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 17-0055

Authorized User Name _____

9. Signature:

Barry E. Sammons
Signature

April 19, 2005

Date

Barry E. Sammons

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 5

Documents to be recorded (including cover sheet) should be faxed to (703) 308-5005, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1430, Alexandria, VA 22313-1430

Docket Number: 920357.90057

Doc. No **PATENT**

REEL: 017085 FRAME: 0344

Assignment

WHEREAS, the undersigned have/has made certain inventions which are described in an application for Letters Patent of the United States entitled :

ULTRASOUND GATING OF CARDIAC CT SCANS

and identified by Application Serial No. 11/029,773 preparatory to obtaining United States Letters Patent therefore, and
WHEREAS,

The Regents of the University of Michigan, (hereafter referred to as said Company),

a corporation of the state of Michigan

and having a place of business at 3003 South State Street, Ann Arbor, Michigan

is desirous of acquiring the entire interest in said inventions throughout the United States of America and the territories thereof, for all other countries and under all international agreements.

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00), and other good and valuable consideration, receipt whereof is hereby acknowledged, the undersigned hereby sell(s), assign(s) and transfer(s) unto said Company, its successors and assigns, the entire right, title and interest throughout the United States of America and the territories thereof, for all foreign countries and under all international agreements in and to said inventions, the aforesaid application, all other applications hereafter filed in the United States, in any other country, or under any international agreement based in whole or in part on said inventions, and all Letters Patents granted upon said applications by the United States, by any other country or under any international agreement, and do hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said Company. The undersigned further grant to said Company, its successors and assigns, the right to claim for any of said applications the full benefits and priority rights of any international agreement between the United States and any foreign country or countries of between any other countries.

The undersigned hereby warrant(s) that they/(s)he have/has the full right to make the conveyance herein, and hereby covenant(s) that the heirs, legal representatives and assigns of the undersigned, will when requested, communicate to said Company, its representatives, successors and assigns, all facts known respecting said inventions, execute all divisional, continuing, reissue, reexamination and foreign or international applications, together with individual assignment thereto, make all rightful oaths, sign all lawful papers, testify in any legal proceeding and generally do everything possible to aid said Company, its successors and assigns, in the obtaining of Letters Patent.

IN TESTIMONY WHEREOF, the undersigned have hereunto executed this assignment at the location and on the date indicated below.

Signature: *Jonathan M. Rubin*

Name: Jonathan M. Rubin

Address: 3850 W. Huron Drive

Ann Arbor MI 48103

Date: 3/14/05

STATE OF: MICHIGAN

COUNTY OF: Washtenaw

Before me on this 14 day of March, 2005, came Jonathan M. Rubin to me known to be the person named in the foregoing assignment and he/she acknowledges his/her execution therefore to be his/her free act and deed.

(SEAL)

Anita Demario

Notary Public,
State of MICHIGAN
My Commission Expires:

ANITA DEMARIO
NOTARY PUBLIC MONROE CO. MI
MY COMMISSION EXPIRES Sep 22, 2007
ACTING IN WASHTENAW COUNTY, MI

Signature: [Handwritten Signature]

STATE OF: MICHIGAN

Name: Jeffrey Brian Fowlkes

COUNTY OF: Washtenaw

Address: 627 Sciomeadow Drive

Ann Arbor MI 48103

Date: 4/12/05

Before me on this 12 day of ~~March~~ April, 2005, came Jeffrey Brian Fowlkes to me known to be the person named in the foregoing assignment and he/she acknowledges his/her execution therefore to be his/her free act and deed.

(SEAL)

[Handwritten Signature: Anita Demario]

Notary Public,
State of MICHIGAN
My Commission Expires: _____

ANITA DEMARIO
NOTARY PUBLIC MONROE CO., MI
MY COMMISSION EXPIRES Sep 22, 2007
ACTING IN WASHTENAW COUNTY, MI

Signature: _____

STATE OF: MICHIGAN

Name: Charles R. Meyer

COUNTY OF: _____

Address: 2111 Maple Creek Circle

Ann Arbor MI 48108

Date: _____

Before me on this _____ day of March, 2005, came Charles R. Meyer to me known to be the person named in the foregoing assignment and he/she acknowledges his/her execution therefore to be his/her free act and deed.

(SEAL)

Notary Public,
State of MICHIGAN
My Commission Expires: _____

Signature: _____

STATE OF: MICHIGAN

Name: Srini Tridandapani

COUNTY OF: _____

Address: 335 Old Creek Drive

Saline MI 48176

Date: _____

Before me on this _____ day of March, 2005, came Srini Tridandapani to me known to be the person named in the foregoing assignment and he/she acknowledges his/her execution therefore to be his/her free act and deed.

(SEAL)

Notary Public,
State of MICHIGAN
My Commission Expires: _____

Signature: _____

STATE OF: MICHIGAN

Name: Jeffrey Brian Fowlkes

COUNTY OF: _____

Address: 627 Sciomeadow Drive

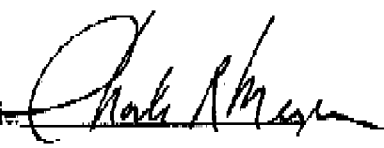
Ann Arbor MI 48103

Date: _____

Before me on this _____ day of March, 2005, came Jeffrey Brian Fowlkes to me known to be the person named in the foregoing assignment and he/she acknowledges his/her execution therefore to be his/her free act and deed.

(SEAL)

Notary Public,
State of MICHIGAN
My Commission Expires: _____

Signature: 

STATE OF: MICHIGAN

Name: Charles R. Meyer

COUNTY OF: WAYNE

Address: 2111 Maple Creek Circle


Ann Arbor MI 48108

Date: 3/30/05

KARYN M. PROCTER-WICKS
NOTARY PUBLIC WAYNE CO., MI
MY COMMISSION EXPIRES Sep 18, 2008

Before me on this 30th day of March, 2005, came Charles R. Meyer to me known to be the person named in the foregoing assignment and he/she acknowledges his/her execution therefore to be his/her free act and deed.

(SEAL)


Notary Public,
State of MICHIGAN
My Commission Expires: 9/18/06

Signature: _____

STATE OF: MICHIGAN

Name: Srini Tridandapani

COUNTY OF: _____

Address: 335 Old Creek Drive

Saline MI 48176

Date: _____

Before me on this _____ day of March, 2005, came Srini Tridandapani to me known to be the person named in the foregoing assignment and he/she acknowledges his/her execution therefore to be his/her free act and deed.

(SEAL)

Notary Public,
State of MICHIGAN
My Commission Expires: _____

Signature: _____
Name: Jeffrey Brian Fowlkes
Address: 627 Sciomeadow Drive
Ann Arbor MI 48103
Date: _____

STATE OF: MICHIGAN
COUNTY OF: _____

Before me on this _____ day of March, 2005, came Jeffrey Brian Fowlkes to me known to be the person named in the foregoing assignment and he/she acknowledges his/her execution therefore to be his/her free act and deed.

(SEAL)

Notary Public,
State of MICHIGAN
My Commission Expires: _____

Signature: _____
Name: Charles R. Meyer
Address: 2111 Maple Creek Circle
Ann Arbor MI 48108
Date: _____

STATE OF: MICHIGAN
COUNTY OF: _____

Before me on this _____ day of March, 2005, came Charles R Meyer to me known to be the person named in the foregoing assignment and he/she acknowledges his/her execution therefore to be his/her free act and deed.

(SEAL)

Notary Public,
State of MICHIGAN
My Commission Expires: _____

Signature: *Erini Tridandapani*
Name: Erini Tridandapani
Address: 335 Old Creek Drive
Saline MI 48176
Date: 3/16/05

STATE OF: MICHIGAN
COUNTY OF: WAYNE

Before me on this 16th day of March, 2005, came Erini Tridandapani to me known to be the person named in the foregoing assignment and he/she acknowledges his/her execution therefore to be his/her free act and deed.

(SEAL)

William B. Brockwell
Notary Public,
State of MICHIGAN
My Commission Expires: 9/16/06