

9/30/99

10-13-1999

FORM PTO-1585  
(Rev. 6-93)  
OMB No. 0651-0011 (exp. 4/94)

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U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
Attorney Docket: 99P7871 US

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

John C. Lazenby and Jeffrey Slusher

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

2. Name and address of receiving party(ies)

Name: Siemens Medical Systems, Inc.

Internal Address: Intellectual Property Department

Street Address: 4004 Nelson Avenue

City: Concord State: CA ZIP: 94520

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

3. Nature of conveyance:

Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_

Execution Date(s): 9/30/99

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: 9/30/99

A. Patent Application No.(s)

09/410169

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Name: Elsa Keller

Internal Address: \_\_\_\_\_

Siemens Corporation

Intellectual Property Department

Street Address: 186 Wood Avenue South

City: Iselin State: NJ ZIP: 08830

6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41) ..... \$ 40.00

Enclosed  
 Authorized to be charged to deposit account

8. Deposit Account No.

19-2179

DO NOT USE THIS SPACE

B. Statement and signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Darryl A. Smith  
Name of Person Signing

Darryl A. Smith  
Signature

9/30/99  
Date

Total number of pages including cover sheet, attachments, and document: 3

PATENT  
REEL: 010297 FRAME: 0582

Attorney Docket No.

**ASSIGNMENT OF PATENT APPLICATION**

The following persons, referred to as "INVENTORS," namely:

- 1) Name: John C. Lazenby  
Address: P.O. Box 744, Fall City, WA 98024  
Citizen of: USA
- 2) Name: Jeffrey Shusher  
Address: 34825 Sultan-Startup Rd., Sultan, WA 98294  
Citizen of: USA

are the inventors of the invention ("Invention") disclosed in a U.S. Patent Application entitled:

**Flow Estimation Using an Ultrasonically Mediated Contrast Agent**

SIEMENS MEDICAL SYSTEMS, INC., a corporation of the State of Delaware, having a principal place of business at 186 Wood Avenue South, Iselin, New Jersey 08830, hereinafter termed "SIEMENS", desires to acquire the entire right, title and interest in and to the Invention, the Application, and to any United States patents and foreign patents or inventor's certificates to be obtained based on the Invention and any improvements thereon.

THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged:

1. INVENTORS hereby sell, assign and transfer to SIEMENS, and its successors, assigns and legal representatives, his/their entire right, title and interest in and to the Invention and the Application, and all divisional, continuing, substitute, renewal, reissue, and other applications for patents which have been or may be filed in the United States, and further all applications for patents or inventor's certificates in foreign countries based on the Invention;
2. INVENTORS agree that the foregoing rights conveyed to SIEMENS include all priority rights arising from the filing of the Application, the right to own in its own name the Application and all United States patents, foreign patents and inventor's certificates, and other applications for patents or inventor's certificates, based on the Invention, and further the sole right to file applications for foreign patents and inventor's certificates and related United States patent applications based on the Invention;
3. INVENTORS agree to execute all documents requested by SIEMENS and its successors, assigns and legal representatives regarding the filing and prosecution of all applications for patents and inventor's certificates, enforcement of all patents, and maintenance of

PATENT  
REEL: 010297 FRAME: 0583

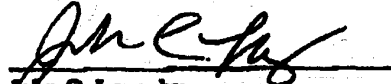
## Attorney Docket No.

all rights in the Invention, patents, inventor's certificates and applications for patents or inventor's certificates based on the Invention;

4. Upon the request of SIEMENS and its successors, assigns and legal representatives, and at their expense, regarding the filing and prosecution of all applications for patents and inventor's certificates, enforcement of all patents, and maintenance of all rights in the Invention, patents, inventor's certificates and applications for patents or inventor's certificates based on the Invention, INVENTORS agree to provide to SIEMENS and its successors, assigns and legal representatives all information known to or ascertainable by INVENTORS and all documents and other materials and objects pertaining to SIEMENS' rights in the Invention that are in the possession of or accessible to INVENTORS; and further, at any trial, hearing, deposition or other legal proceeding where INVENTORS are called as witnesses by SIEMENS or its successors, assigns and legal representatives, INVENTORS agree to testify to all facts pertaining to SIEMENS' rights in the Invention for which INVENTORS are competent to testify;

5. INVENTORS warrant and represent that the Invention is the sole property of INVENTORS, and no assignment, grant, lien, mortgage, license or other encumbrance affecting the Invention has been conveyed to any other person by INVENTORS, or otherwise exists to INVENTOR'S knowledge, and that INVENTORS have the full power to convey the rights assigned in this Assignment.

Date:

Sept. 30, 1999  
\_\_\_\_\_  
John C. Lazenby

Date: \_\_\_\_\_

\_\_\_\_\_  
Jeffrey Slusher

PATENT  
REEL: 010297 FRAME: 0684

Attorney Docket No.

**ASSIGNMENT OF PATENT APPLICATION**

The following persons, referred to as "INVENTORS," namely:

- 1) Name: John C. Lazenby  
Address: P.O. Box 744, Fall City, WA 98024  
Citizen of: USA
- 2) Name: Jeffrey Shaber  
Address: 34825 Sultan-Startup Rd., Sultan, WA 98294  
Citizen of: USA

are the inventors of the invention ("Invention") disclosed in a U.S. Patent Application entitled:

**Flow Estimation Using an Ultrasonically Modulated Contrast Agent**

SIEMENS MEDICAL SYSTEMS, INC., a corporation of the State of Delaware, having its principal place of business at 186 Wood Avenue South, Iselin, New Jersey, 07032, hereinafter referred to as "SIEMENS", desires to acquire the entire right, title and interest in and to the Invention, the Application, and to any United States patents and foreign patents or inventor's certificates to be obtained based on the Invention and any improvements thereon.

THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged:

1. INVENTORS hereby sell, assign and transfer to SIEMENS, and its successors, assigns and legal representatives, his/their entire right, title and interest in and to the Invention and the Application, and all divisional, continuing, substitute, renewal, reissue, and other applications for patents which have been or may be filed in the United States, and further the right to file applications for patents or inventor's certificates in foreign countries based on the Invention;

2. INVENTORS agree that the foregoing rights conveyed to SIEMENS include all priority rights arising from the filing of the Application, the right to own in its own name the Application and all United States patents, foreign patents and inventor's certificates, and further the right to file applications for patents or inventor's certificates, based on the Invention, and further the sole right to file applications for foreign patents and inventor's certificates and related United States patent applications based on the Invention;

3. INVENTORS agree to execute all documents requested by SIEMENS and its successors, assigns and legal representatives regarding the filing and prosecution of all applications for patents and inventor's certificates, enforcement of all patents, and maintenance of

PATENT

REEL: 010297 FRAME: 0685

Attorney Docket No.

all rights in the Invention, patents, inventor's certificates and applications, for patents and inventor's certificates based on the Invention;

4. Upon the request of SIEMENS and its successors, assigns and legal representatives, and at their expense, regarding the filing and prosecution of all patents, patents and inventor's certificates, enforcement of all patents, and maintenance of all patents or the Invention, patents, inventor's certificates and applications for patents or inventor's certificates based on the Invention, INVENTORS agree to provide to SIEMENS and its successors, assigns and legal representatives all information known to or ascertainable by INVENTORS and all documents and other materials and objects pertaining to SIEMENS' rights in the Invention that are in the possession of or accessible to INVENTORS; and further, at any trial, hearing, deposition or other legal proceeding where INVENTORS are called as witnesses by SIEMENS or its successors, assigns and legal representatives, INVENTORS agree to testify to all facts pertaining to SIEMENS' rights in the Invention for which INVENTORS are competent to testify;

5. INVENTORS warrant and represent that the Invention is the sole property of INVENTORS, and no assignment, grant, lien, mortgage, license or other circumstance affecting the Invention has been conveyed to any other person by INVENTORS, or otherwise exists to INVENTOR'S knowledge, and that INVENTORS have the full power to convey the rights assigned in this Assignment.

Date: \_\_\_\_\_

John C. Lasenby

Date: 30 Sep 1999

Jeffrey Shuster  
Jeffrey Shuster

RECORDED: 09/30/1999

PATENT  
REEL: 010297 FRAME: 0586