

## 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>Narendra R. Vyavahare</td><td>02/06/2008</td></tr><tr><td>Devanathan Raghavan</td><td>02/06/2008</td></tr></tbody></table>                                                 | Name                   | Execution Date     | Narendra R. Vyavahare | 02/06/2008 | Devanathan Raghavan | 02/06/2008 |                |                |              |       |  |
| Name                                                                                                                                                                                                                                                                    | Execution Date         |                    |                       |            |                     |            |                |                |              |       |  |
| Narendra R. Vyavahare                                                                                                                                                                                                                                                   | 02/06/2008             |                    |                       |            |                     |            |                |                |              |       |  |
| Devanathan Raghavan                                                                                                                                                                                                                                                     | 02/06/2008             |                    |                       |            |                     |            |                |                |              |       |  |
| RECEIVING PARTY DATA                                                                                                                                                                                                                                                    |                        |                    |                       |            |                     |            |                |                |              |       |  |
| <table border="1"><tr><td>Name:</td><td>Clemson University</td></tr><tr><td>Street Address:</td><td>Clemson</td></tr><tr><td>City:</td><td>Clemson</td></tr><tr><td>State/Country:</td><td>SOUTH CAROLINA</td></tr><tr><td>Postal Code:</td><td>26931</td></tr></table> | Name:                  | Clemson University | Street Address:       | Clemson    | City:               | Clemson    | State/Country: | SOUTH CAROLINA | Postal Code: | 26931 |  |
| Name:                                                                                                                                                                                                                                                                   | Clemson University     |                    |                       |            |                     |            |                |                |              |       |  |
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| City:                                                                                                                                                                                                                                                                   | Clemson                |                    |                       |            |                     |            |                |                |              |       |  |
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| 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>11934844</td></tr></tbody></table>                                                                                                            | Property Type          | Number             | Application Number:   | 11934844   |                     |            |                |                |              |       |  |
| Property Type                                                                                                                                                                                                                                                           | Number                 |                    |                       |            |                     |            |                |                |              |       |  |
| Application Number:                                                                                                                                                                                                                                                     | 11934844               |                    |                       |            |                     |            |                |                |              |       |  |
| CORRESPONDENCE DATA                                                                                                                                                                                                                                                     |                        |                    |                       |            |                     |            |                |                |              |       |  |
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| Correspondent Name: DORITY & MANNING, P.A.                                                                                                                                                                                                                              |                        |                    |                       |            |                     |            |                |                |              |       |  |
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| ATTORNEY DOCKET NUMBER:                                                                                                                                                                                                                                                 | CXU-523                |                    |                       |            |                     |            |                |                |              |       |  |
| NAME OF SUBMITTER:                                                                                                                                                                                                                                                      | Christina L. Mangelsen |                    |                       |            |                     |            |                |                |              |       |  |
| Total Attachments: 2<br>source=CXU-523-Assignment021108#page1.tif<br>source=CXU-523-Assignment021108 (2)#page1.tif                                                                                                                                                      |                        |                    |                       |            |                     |            |                |                |              |       |  |

OP \$40.00 11934844

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PATENT  
REEL: 020488 FRAME: 0429

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Narendra R. Vyavahare                      Docket No: CXU-523  
Devanathan Raghavan

Serial No: 11/934,844                      Group Art Unit: 3758

Filed: November 5, 2007                      Examiner: Unknown

For: Implantable Devices Including Fixed Tissues

**Assignment - Joint Inventors**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

WHEREAS, Narendra R. Vyavahare, residing at 263 Sassafras Drive, Easley, South Carolina 29642; and Devanathan Raghavan, residing at 1108 Tiger Blvd., Apartment # 130, Clemson, South Carolina 29625; (hereinafter collectively referred to as Assignors), have made an invention and have each either (1) previously executed an application for Letters Patent of the United States of America therefor or (2) are contemporaneously executing an application for Letters Patent of the United States of America for the invention which is entitled:

**IMPLANTABLE DEVICES INCLUDING FIXED TISSUES**

AND WHEREAS, CLEMSON UNIVERSITY, a body politic and corporate under the laws of the State of South Carolina, whose Post Office Address is Clemson University, Clemson, South Carolina, 29631; as assignee, is desirous of acquiring the entire right, title and interest in and to said invention and under said Letters Patent or similar legal protection to be obtained therefor in the United States and in any and all foreign countries.

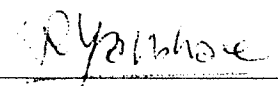
NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by the Assignee to the Assignors of the sum of One U.S. Dollar (\$1.00 U.S.) and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Assignors hereby sell, assign and transfer to the Assignees the full and exclusive right, title and interest to said invention and in and to any and all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any continuation, continuation-in-part, divisional, renewal, substitute, re-examination, conversion or reissue thereof, including all extensions thereof, or any legal equivalent thereof in any foreign country

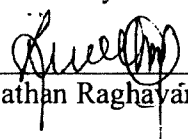
for the full term or terms for which the same may be granted, including any and all convention rights.

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

The Assignors further covenant that the Assignors will promptly provide, upon written request, Assignee with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to the Assignors and that they will promptly execute and deliver to Assignee or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue, extend and enforce said application, said invention and said Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, the Assignors have executed this document on the date indicated below:

  
\_\_\_\_\_  
Narendra R. Vyavahare Date: 2/6/08

  
\_\_\_\_\_  
Devanathan Raghavan Date: 2/6/08