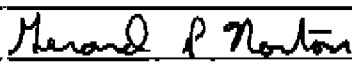


Form PTO-1595 (Rev. 7/05)  
OMB No. 0651-0027 (exp. 6/30/2008)

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.

<b>1. Name of conveying party(ies)</b> Scott D. Boden Sreedhara Sangadala F. Louisa Titus  Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>2. Name and address of receiving party(ies)</b> Name: <u>Emory University</u> Internal Address: _____ _____ Street Address: <u>1784 North Decatur Road, Suite 130</u> _____ City: <u>Atlanta</u> State: <u>GA</u> Country: <u>USA</u> Zip: <u>30322</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>3. Nature of conveyance/Execution Date(s):</b> Execution Date(s) <u>November 30, 2006</u> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other _____	<b>4. Application or patent number(s):</b> <input type="checkbox"/> This document is being filed together with a new application. A. Patent Application No.(s) <u>11/545,349</u> B. Patent No.(s) _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>5. Name and address to whom correspondence concerning document should be mailed:</b> Name: <u>Gerard P. Norton</u> Internal Address: <u>Fox Rothschild LLP</u> _____ Street Address: <u>967 Lenox Drive, Bldg. #3</u> _____ City: <u>Lawrenceville</u> State: <u>NJ</u> Zip: <u>08648</u> Phone Number: <u>609-844-3020</u> Fax Number: <u>609-396-1469</u> Email Address: <u>gnorton@foxrothschild.com</u>	<b>6. Total number of applications and patents involved:</b> <u>1</u> <b>7. Total fee (37 CFR 1.21(h) &amp; 3.41)</b> \$ <u>40.00</u> <input type="checkbox"/> Authorized to be charged by credit card <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title)
<b>9. Signature:</b> <u>Gerard P. Norton</u> <div style="text-align: center; margin-top: 10px;">         Signature     </div> <div style="text-align: right; margin-top: 10px;"> <u>January 5, 2007</u>        Date     </div> <div style="text-align: center; margin-top: 10px;"> <u>Gerard P. Norton</u>        Name of Person Signing     </div>	<b>8. Payment Information</b> a. Credit Card Last 4 Numbers _____ Expiration Date _____ b. Deposit Account Number <u>50-1943</u> Authorized User Name <u>Gerard P. Norton</u>
Total number of pages including cover sheet, attachments, and documents: <span style="border: 1px solid black; padding: 2px 10px;">4</span>	

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 1460, Alexandria, V.A. 22313-1460

## ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR(S) of the sum of One Dollar (\$1.00) and for other good and valuable consideration, the receipt of which is hereby acknowledged,

ASSIGNOR(S):

Name	Address
Scott D. Boden	2842 Cravey Drive, Atlanta, GA 30345, USA
Sreedhara Sangadala	18 Fairview Drive, Dallas, GA 30157, USA
F. Louisa Titus	1189 East Rock Springs Road, Atlanta, GA 30306, USA

hereby sells, assigns and transfers to

ASSIGNEE:

Name	Address
Emory University	1784 North Decatur Road, Suite 130, Atlanta, GA 30322

and the successors, assigns and legal representatives of the ASSIGNEE, the entire right, title and interest for the United States and its territorial possessions, and in all foreign countries, including all rights to claim priority, in and to the invention entitled:

### METHODS OF EXPRESSING LIM MINERALIZATION PROTEIN

invented by Boden, et al [INVENTOR(S)] and which is found in

- the U.S. patent application executed on even date herewith;  
 the U.S. patent application executed on ;  
 the U.S. patent application no.: 11/545,349, filed on: October 10, 2006;  
 the U.S. patent no. issued on ;

and, in and to all Letters Patent, both foreign and domestic, to be obtained for said invention by the above application or any continuation, division, renewal, continuation-in-part or substitute thereof, and as to Letters Patent and any reissue or re-examination thereof, and to any legal equivalent thereof in a foreign country, including, the right to apply for patents and inventor certificates in respect thereof, the right to claim priority, and all patents, patents of addition, utility models, patents of importation, revalidation patents and inventor certificates which may be granted throughout the world in respect of the invention.

ASSIGNOR(S) hereby authorizes ASSIGNEE or its legal representative to insert in this instrument the filing date and serial number of said application or any other information that may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for the recordation of this document.

ASSIGNOR(S) hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR(S) further covenants and agrees that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR(S), and that ASSIGNOR(S) will, at ASSIGNEE's expense, testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE, its assigns or its legal representatives, without further or additional consideration, any and all papers, instruments or affidavits required, render all necessary assistance, and do such additional acts as ASSIGNEE may deem necessary or desirable, to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

ASSIGNOR(S) hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent referred to above to ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sole use and benefit, and for the use and benefit of ASSIGNEE's legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR(S) had this assignment and sale not been made.

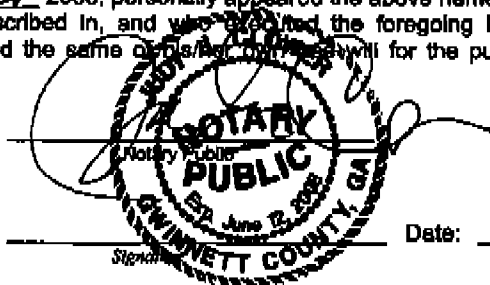
The parties agree that the foregoing covenants and obligations shall bind and inure to the benefit of the heirs, assigns and legal representatives of both parties.

Name: Scott D. Boden

Scott D Boden Date: 12/14/06  
Signature

State of Georgia  
County of Spalding

Before me this 11th day of December 2006, personally appeared the above named individual, to me known to be the person who is described in, and who executed the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes therein expressed.



Name: Sreedhara Sangadala

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

State of \_\_\_\_\_  
County of \_\_\_\_\_

Before me this \_\_\_\_\_ day of \_\_\_\_\_ 2006, personally appeared the above named individual, to me known to be the person who is described in, and who executed the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes therein expressed.

\_\_\_\_\_  
Notary Public

Name: F Louise Titus

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

State of \_\_\_\_\_  
County of \_\_\_\_\_

Before me this \_\_\_\_\_ day of \_\_\_\_\_ 2006, personally appeared the above named individual, to me known to be the person who is described in, and who executed the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes therein expressed.

\_\_\_\_\_  
Notary Public

ASSIGNOR(S) hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters-Patent referred to above to ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sole use and benefit, and for the use and benefit of ASSIGNEE's legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR(S) had this assignment and sale not been made.

The parties agree that the foregoing covenants and obligations shall bind and inure to the benefit of the heirs, assigns and legal representatives of both parties.

Name: Scott D. Boden \_\_\_\_\_ Date: \_\_\_\_\_

Signature

State of \_\_\_\_\_  
County of \_\_\_\_\_

Before me this \_\_\_\_\_ day of \_\_\_\_\_ 2006, personally appeared the above named individual, to me known to be the person who is described in, and who executed the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes therein expressed

Notary Public

DeKalb County, Georgia

My Commission Expires April 30, 2007

Notary Public

Name: Sreedhara Sangadala

[Signature]

Date: 11/30/06

Signature

State of Georgia  
County of DeKalb

Before me this 30 day of November, 2006, personally appeared the above named individual, to me known to be the person who is described in, and who executed the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes therein expressed.

Notary Public

DeKalb County, Georgia

My Commission Expires April 30, 2007

Notary Public

Name: F. Louisa Titus

F. Louisa Titus

Date: 11/30/06

Signature

State of Georgia  
County of DeKalb

Before me this 30 day of November, 2006, personally appeared the above named individual, to me known to be the person who is described in, and who executed the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes therein expressed.

Notary Public