PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	NUNC PRO TUNC ASSIGNMENT
EFFECTIVE DATE:	05/12/2006

CONVEYING PARTY DATA

Name	Execution Date
Scott D Boden	01/04/2010

RECEIVING PARTY DATA

Name:	Emory University	
Street Address:	1784 NORTH DECATUR ROAD, SUITE 130	
City:	ATLANTA	
State/Country:	GEORGIA	
Postal Code:	30322	

PROPERTY NUMBERS Total: 1

Property Type	Number
Patent Number:	7517866

CORRESPONDENCE DATA

Fax Number: (212)692-0949

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Email: ipdocket@foxrothschild.com

Correspondent Name: Roman Fayerberg
Address Line 1: Fox Rothschild, LLP,
Address Line 2: 2000 Market Street

Address Line 4: Philadelphia, PENNSYLVANIA 19103-3291

ATTORNEY DOCKET NUMBER:	48170-00096
-------------------------	-------------

NAME OF SUBMITTER: Roman Fayerberg

Total Attachments: 2

source=48170-96 Assignment#page1.tif source=48170-96 Assignment#page2.tif

OP \$40.00 7

PATENT REEL: 023720 FRAME: 0687

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	
hereby sells, assigns and transfers to		
ASSIGNEE:		
Name	Address	
Emory University	1784 North Decatur Road, Suite 130, Atlanta, Georgia 30322, USA	
and the successors, assigns and legal representatives of the ASSIGNEE, 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:		
LIM MINERALIZATION PROTEIN	SPLICE VARIANTS	
invented by Scott D. Boden [INVENTO	OR(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	o:: Filed:	
the U.S. patent no. 7,517,866 issued on April 14, 2009;		

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.

1

LV1 1134579v1 12/04/09

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

2010 Before me this 4th day of 2009, 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

2

LV1 1134579v1 12/04/09

RECORDED: 01/04/2010

PATENT