

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Ray Vanderby</td> <td>06/14/2006</td> </tr> <tr> <td>Kelley W. Grorud</td> <td>06/07/2006</td> </tr> </tbody> </table>		Name	Execution Date	Ray Vanderby	06/14/2006	Kelley W. Grorud	06/07/2006
Name	Execution Date						
Ray Vanderby	06/14/2006						
Kelley W. Grorud	06/07/2006						
RECEIVING PARTY DATA							
Name:	Wisconsin Alumni Research Foundation						
Street Address:	614 Walnut Street						
City:	Madison						
State/Country:	WISCONSIN						
Postal Code:	53726						
PROPERTY NUMBERS Total: 1							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11431347</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11431347		
Property Type	Number						
Application Number:	11431347						
CORRESPONDENCE DATA							
Fax Number:	(608)262-6104						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	608-263-7677						
Email:	khanneman@warf.org						
Correspondent Name:	Kathy Hanneman						
Address Line 1:	614 Walnut Street						
Address Line 2:	13th Floor						
Address Line 4:	Madison, WISCONSIN 53726						
NAME OF SUBMITTER:	Kathy Hanneman						
Total Attachments: 3 source=P05193US assignment#page1.tif source=P05193US assignment#page2.tif source=P05193US assignment#page3.tif							

CH \$40.00 11431347

ASSIGNMENT
(Joint Inventors)

I am one of the persons identified as an inventor and who has contributed to a certain new and useful invention (the "Invention"), as set forth in an application for United States Letters Patent, bearing substantially the following title and bearing the following serial number. The application was executed by me, and it was filed on the indicated date:

Title: USE OF NEUROPEPTIDES FOR LIGAMENT, CARTILAGE, AND BONE HEALING

Serial Number: 11/431347

Date Filed: 5-10-2006

The assignee under this agreement is hereby authorized to insert the filing date and serial number referred to above, when ascertained.

For good and valuable consideration, I do hereby sell, assign, and transfer to the Wisconsin Alumni Research Foundation (hereinafter "WARF") a non-stock, non-profit Wisconsin corporation, and to its legal representatives, successors, and assigns, my entire right, title and interest in and to the Invention and to all United States and foreign patent applications any of whose claims cover all or part of the Invention, together with all patents resulting from such applications. WARF shall hold such right, title, and interest as fully and completely as they would have been held by me had this assignment and sale not been made.

I agree, upon WARF's request, to execute or assent to such United States and foreign patent applications and to execute all separate assignments and other legal documents that WARF may find necessary or desirable in its exercise of the right, title, and interest assigned above. I also agree to communicate to WARF any facts relating to the Invention or to any of the patent applications or patents contemplated above that may be useful to WARF and to testify as to such facts in any interferences or in litigation, if requested to do so. I shall do all these things without additional compensation but at no expense to me.

I hereby request the Commissioner of Patents to issue to WARF, as the owner of my entire right, title, and interest therein, any Letters Patent of the United States that may be issued for the Invention.

Ref: P05193US
Wisconsin Alumni Research Foundation

PATENT
REEL: 018163 FRAME: 0386

ASSIGNMENT

Wisconsin Alumni Research Foundation

Ref: P05193US

App.#: , Filed: 5-10-2006

App.#: 11/431347

Inventor: Ray Vanderby

Date: 6/14/06

Ray Vanderby
217 Glacier Drive
Madison, WI 53705

State of Wisconsin)
)ss.
County of Dane)

On this 14 day of June, 2006 before me personally appeared Ray Vanderby, known to me to be the person identified above as the "Inventor," who executed the above instrument and acknowledged to me that he or she executed the same for the uses and purposes therein set forth.

SEAL

Ray E. Thompson
Notary Public

My Commission expires: 10/5/08



ASSIGNMENT
Wisconsin Alumni Research Foundation
Ref: P05193US
App.#: , Filed: 5-10-2006
App.#: 11/431347

Inventor: *Kelley W. Grorud*

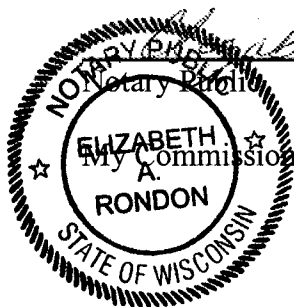
Date: *6/7/06*

Kelley W. Grorud
5815 W. Splendor Valley Dr.
Janesville, WI 53548

State of Wisconsin)
)ss.
County of Dane)

On this *7th* day of *June*, 2006 before me personally appeared Kelley W. Grorud, known to me to be the person identified above as the "Inventor," who executed the above instrument and acknowledged to me that he or she executed the same for the uses and purposes therein set forth.

SEAL

Elizabeth A. Rondon
Notary Public

My Commission expires: *2/21/2010*