

# PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Hector F. DeLuca</td> <td>12/04/2008</td> </tr> <tr> <td>Rafal A Barycki</td> <td>12/09/2008</td> </tr> <tr> <td>Lori A. Plum</td> <td>12/05/2008</td> </tr> <tr> <td>Margaret Clagett-Dame</td> <td>12/08/2008</td> </tr> </tbody> </table>		Name	Execution Date	Hector F. DeLuca	12/04/2008	Rafal A Barycki	12/09/2008	Lori A. Plum	12/05/2008	Margaret Clagett-Dame	12/08/2008
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<b>RECEIVING PARTY DATA</b>											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Wisconsin Alumni Research Foundation</td> </tr> <tr> <td>Street Address:</td> <td>614 Walnut Street</td> </tr> <tr> <td>City:</td> <td>Madison</td> </tr> <tr> <td>State/Country:</td> <td>WISCONSIN</td> </tr> <tr> <td>Postal Code:</td> <td>53726</td> </tr> </table>		Name:	Wisconsin Alumni Research Foundation	Street Address:	614 Walnut Street	City:	Madison	State/Country:	WISCONSIN	Postal Code:	53726
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<b>PROPERTY NUMBERS Total: 1</b>											
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<b>CORRESPONDENCE DATA</b>											
<p>Fax Number: (608)262-6104</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 608-263-7677</p> <p>Email: sbaranczyk@warf.org</p> <p>Correspondent Name: Jessica Wartenweiler</p> <p>Address Line 1: 614 Walnut Street</p> <p>Address Line 2: 13th Floor</p> <p>Address Line 4: Madison, WISCONSIN 53726</p>											
ATTORNEY DOCKET NUMBER:	P07333US										
NAME OF SUBMITTER:	Jessica Wartenweiler										

CH \$40.00 12343576

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**PATENT**  
**REEL: 023073 FRAME: 0094**

**Total Attachments: 5**

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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: (2S)-23,23-DIFLUORO-2-METHYLENE-19-NOR-BISHOMOPREGNACALCIFEROL-VITAMIN D ANALOGS

Serial Number: 12/343576

Date Filed: December 24, 2008

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.

Ref: P07333US  
Wisconsin Alumni Research Foundation

ASSIGNMENT

Wisconsin Alumni Research Foundation

Ref: P07333US

App.#: , Filed:

Inventor: Hector F. DeLuca

Date: 12/4/08

Hector F. DeLuca  
1809 Highway BB  
Deerfield, WI 53531

State of Wisconsin )  
                                  )ss.  
County of Dane )

On this 4<sup>th</sup> day of December, 2008 before me personally appeared Hector F. DeLuca, 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

Patricia A. Mengo  
Notary Public

My Commission expires: 8/23/2009

PATENT

REEL: 023073 FRAME: 0097

ASSIGNMENT

Wisconsin Alumni Research Foundation

Ref: P07333US

App.#: , Filed:

Inventor: Rafal A. Barycki

Date: 12/09/2008

Rafal A. Barycki  
708 Eagle Heights, Apt. H  
Madison, WI 53705

State of Wisconsin )  
                                  )ss.

County of Dane )

On this 9<sup>th</sup> day of December, 2008 before me personally appeared Rafal A. Barycki, 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

Patricia A. Mingo  
Notary Public

My Commission expires: 8/23/2009

PATENT

REEL: 023073 FRAME: 0098

ASSIGNMENT

Wisconsin Alumni Research Foundation

Ref: P07333US

App.#: , Filed:

Inventor: Lori A. Plum

Date: 12-5-08

Lori A. Plum  
6139 Highway H  
Arena, WI 53503

State of Wisconsin    )  
                                  )ss.  
County of Dane         )

On this 5<sup>th</sup> day of December, 2008 before me personally appeared Lori A. Plum,  
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

Patricia A. Mingo  
Notary Public

My Commission expires: 8/23/2009

ASSIGNMENT

Wisconsin Alumni Research Foundation

Ref: P07333US

App.#: , Filed:

Inventor:

Margaret Claggett-Dame

Date:

12/8/08

Margaret Claggett-Dame

1809 Highway BB

Deerfield, WI 53531

State of Wisconsin )

)ss.

County of Dane )

On this 8<sup>th</sup> day of December, 2008 before me personally appeared Margaret Claggett-Dame, 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

Patricia A. Mengo  
Notary Public

My Commission expires:

8/23/2009

PATENT

RECORDED: 08/10/2009

REEL: 023073 FRAME: 0100