

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
EFFECTIVE DATE:	10/19/2007										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Jeffrey C Marx</td><td>08/27/2007</td></tr><tr><td>William F McKay</td><td>08/30/2007</td></tr><tr><td>Susan J Drapeau</td><td>08/22/2007</td></tr></tbody></table>		Name	Execution Date	Jeffrey C Marx	08/27/2007	William F McKay	08/30/2007	Susan J Drapeau	08/22/2007		
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Susan J Drapeau	08/22/2007										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>Warsaw Orthopedic, Inc.</td></tr><tr><td>Street Address:</td><td>2500 Silveus Crossing</td></tr><tr><td>City:</td><td>Warsaw</td></tr><tr><td>State/Country:</td><td>INDIANA</td></tr><tr><td>Postal Code:</td><td>46581</td></tr></table>		Name:	Warsaw Orthopedic, Inc.	Street Address:	2500 Silveus Crossing	City:	Warsaw	State/Country:	INDIANA	Postal Code:	46581
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PROPERTY NUMBERS Total: 1											
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Application Number:	11875267										
CORRESPONDENCE DATA											
Fax Number: (901)399-3040 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone: 901-399-2366											
Email: memipdocketing@medtronic.com											
Correspondent Name: David L. Marks											
Address Line 1: 2600 Sofamor Danek Drive											
Address Line 2: SS-46											
Address Line 4: Memphis, TENNESSEE 38132											
ATTORNEY DOCKET NUMBER:	P0022234.00										
NAME OF SUBMITTER:	David L. Marks										

CH \$40.00 11875267

500379942

PATENT
REEL: 019988 FRAME: 0521

Total Attachments: 2
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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
Jeffrey C. Marx	2019 Hocking Cove, Germantown, TN 38139, USA
William F. McKay	3870 McElrie Cove, Memphis, TN 38133, USA
Susan J. Drapeau	2009 Wirily Lane, Cordova, TN 38018, USA

hereby sells, assigns and transfers to

ASSIGNEE:

Name	Address
Warsaw Orthopedic, Inc.	2500 Silveus Crossing, Warsaw, IN 46581, USA

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:

STEM CELLS AND LIM MINERALIZATION PROTEINS

invented by MARX 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. _____ filed on _____ ;
- ☐ 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: Jeffrey C. Marx

Jeff C. Marx
Signature

Date: August 27, 2007

State of

Tennessee

County of

Shelby

Before me this 27 day of August 2007, 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.



Tom A. Green
Notary Public

Name: William F. McKay

William F. McKay
Signature

Date: 8/30/07

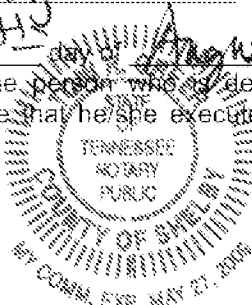
State of

Tennessee

County of

Shelby

Before me this 30th day of August 2007, 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.



Tom A. Green
Notary Public

Name: Susan J. Drapeau

Susan J. Drapeau
Signature

Date: August 22, 2007

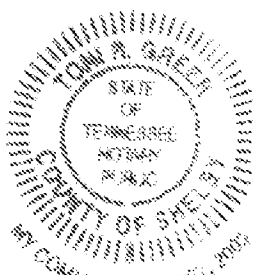
State of

Tennessee

County of

Shelby

Before me this 22nd day of August 2007, 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.



Tom A. Green
Notary Public