

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Timothy J. Pommer</td> <td>02/16/2012</td> </tr> <tr> <td>David W. Polly Jr.</td> <td>02/01/2012</td> </tr> <tr> <td>David J. Nuckley</td> <td>02/21/2012</td> </tr> <tr> <td>Evan M. Gustafson</td> <td>03/08/2012</td> </tr> <tr> <td>Charles G.T. Ledonio</td> <td>02/16/2012</td> </tr> <tr> <td>Arthur G. Erdman</td> <td>02/16/2012</td> </tr> </tbody> </table>		Name	Execution Date	Timothy J. Pommer	02/16/2012	David W. Polly Jr.	02/01/2012	David J. Nuckley	02/21/2012	Evan M. Gustafson	03/08/2012	Charles G.T. Ledonio	02/16/2012	Arthur G. Erdman	02/16/2012
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Charles G.T. Ledonio	02/16/2012														
Arthur G. Erdman	02/16/2012														
RECEIVING PARTY DATA															
Name:	Regents of the University of Minnesota														
Street Address:	1000 Westgate Drive														
Internal Address:	Suite 160														
City:	St. Paul														
State/Country:	MINNESOTA														
Postal Code:	55114-8658														
PROPERTY NUMBERS Total: 1															
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13378597</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13378597										
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Application Number:	13378597														
CORRESPONDENCE DATA															
Fax Number:	(651)735-1102														
Phone:	651-735-1100														
Email:	pairedocketing@ssiplaw.com														
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>															
Correspondent Name:	SHUMAKER & SIEFFERT, P. A.														
Address Line 1:	1625 RADIO DRIVE														
Address Line 2:	SUITE 300														
Address Line 4:	WOODBURY, MINNESOTA 55125														

OP \$40.00 13378597

ATTORNEY DOCKET NUMBER:	1008-055US01
NAME OF SUBMITTER:	Beth M. Lindblom
Total Attachments: 7 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif source=Assignment#page4.tif source=Assignment#page5.tif source=Assignment#page6.tif source=Assignment#page7.tif	


Attorney Docket No.: 1008-056US01

ASSIGNMENT

For valuable consideration, we, Timothy J. Pommer of 1410 Wellesley Avenue, St. Paul, MN 55105; David W. Polly, Jr. of 7759 Shaughnessy Road, Edina, MN 55439; David J. Nuckley of 5119 Aldrich Avenue South, Minneapolis, MN 55419; Evan M. Gustafson of ^{2545 Grand Ave W Golden Valley, MN, 55422} ~~1770 Bryant Avenue South, Apt. 401, Minneapolis, MN 55403~~; Charles Gerald Tan Ledonio of 2450 Riverside Avenue South, R200, Minneapolis, MN 55454 and Arthur G. Erdman of 1957 3rd Street SW, New Brighton, MN 55112, hereby assign to: Regents of the University of Minnesota, having a place of business at: 1000 Westgate Drive, Suite 160, St. Paul, MN 55114-8658 and its successors and assigns (collectively hereinafter called "the Assignee") the entire right, title and interest throughout the world in the inventions and improvements which are the subject of an application for United States Patent signed by us, entitled SPINAL PROBE WITH TACTILE FORCE FEEDBACK AND PEDICLE BREACH PREDICTION, filed December 15, 2011, and assigned U.S. Serial Number 13/378,597; this assignment including said application, PCT application having application number PCT/US2010/038654, U.S. Provisional Application No. 61/187,491, and any non-provisional, continuation, continuation-in-part, divisional, reissue, renewal, extension or other application for any of said inventions or improvements, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

EG
3/8/2012

Date: 2/16/2012



Timothy J. Pommer

Date: _____

David W. Polly, Jr.

Date: _____

David J. Nuckley.

Date: _____

Evan M. Gustafson

Date: _____

Charles Gerald Tan Ledonio

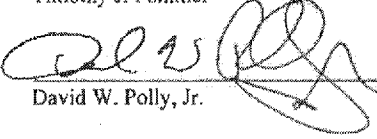
Date: _____

Arthur G. Erdman

Date: _____

Timothy J. Pommer

Date: 2/1/2012



David W. Polly, Jr.

Date: _____

David J. Nuckley.

Date: _____

Evan M. Gustafson

Date: _____

Charles Gerald Tan Ledonio

Date: _____

Arthur G. Erdman

Date: _____

Timothy J. Pommer

Date: _____

David W. Polly, Jr.

Date: 21 Feb 2012



David J. Nuckley.

Date: _____

Evan M. Gustafson

Date: _____

Charles Gerald Tan Ledonio

Date: _____

Arthur G. Erdman

Date: _____

Timothy J. Pommer

Date: _____

David W. Polly, Jr.

Date: _____

David J. Nuckley.

Date: 3/8/2012

Evan M. Gustafson

Evan M. Gustafson

Date: _____

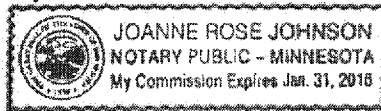
Charles Gerald Tan Ledonio

Date: _____

Arthur G. Erdman

3/8/12

Joanne Rose Johnson



Date: _____
Timothy J. Pommer

Date: _____
David W. Polly, Jr.

Date: _____
David J. Nuckley.

Date: _____
Evan M. Gustafson

Date: 2/16/2012

Charles Gerald Tan Ledonio

Date: _____
Arthur G. Erdman

Date: _____

Timothy J. Pommer

Date: _____

David W. Polly, Jr.

Date: _____

David J. Nuckley.


Date: _____

Evan M. Gustafson

Date: _____

Charles Gerald Tan Ledonio

Date: 2/16/12



Arthur G. Erdman