

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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>W. Matthew Kuester</td><td>10/31/2006</td></tr><tr><td>Hugh D. Hestad</td><td>10/31/2006</td></tr><tr><td>Joseph Aferzon</td><td>11/01/2006</td></tr><tr><td>Paul Hickey</td><td>11/01/2006</td></tr></tbody></table>	Name	Execution Date	W. Matthew Kuester	10/31/2006	Hugh D. Hestad	10/31/2006	Joseph Aferzon	11/01/2006	Paul Hickey	11/01/2006	
Name	Execution Date										
W. Matthew Kuester	10/31/2006										
Hugh D. Hestad	10/31/2006										
Joseph Aferzon	11/01/2006										
Paul Hickey	11/01/2006										
RECEIVING PARTY DATA											
Name:	Zimmer Spine, Inc.										
Street Address:	7375 Bush Lake Road										
City:	Minneapolis										
State/Country:	MINNESOTA										
Postal Code:	55439-2029										
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>11558060</td></tr></tbody></table>	Property Type	Number	Application Number:	11558060							
Property Type	Number										
Application Number:	11558060										
CORRESPONDENCE DATA											
Fax Number:	(513)241-6234										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	5132412324										
Email:	khaupt@whepatent.com										
Correspondent Name:	Wood, Herron & Evans, LLP										
Address Line 1:	441 Vine Street										
Address Line 2:	2700 Carew Tower										
Address Line 4:	Cincinnati, OHIO 45202										
ATTORNEY DOCKET NUMBER:	ZMS-MI04US1										
NAME OF SUBMITTER:	Keith R. Haupt										

OP \$40.00 11558060

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PATENT  
REEL: 018501 FRAME: 0052

**Total Attachments: 6**

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ASSIGNMENT OF INVENTION AND  
PATENTS THEREON

WHEREAS, we, W. Matthew Kuester, Hugh D. Hestad, Joseph Aferzon, Paul Hickey, invented a new and improved MINIMALLY INVASIVE PEDICLE SCREW ACCESS SYSTEM AND ASSOCIATED METHOD as fully disclosed in an application for Patent and executed by me on \_\_\_\_\_, Serial No. \_\_\_\_\_ preparatory to obtaining Letters Patent of the United States therefor; and whereas, Zimmer Spine, Inc., a corporation organized under the Laws of the State of Delaware, and having its principal office at 7375 Bush Lake Road, Minneapolis, Minnesota 55439-2029 desires to acquire the entire interest in and to the subject-matter disclosed in said application and in and to all patents issued or to be issued thereon. We hereby authorize and request any one of the attorneys of Wood, Herron & Evans, L.L.P., 441 Vine Street, 2700 Carew Tower, Cincinnati, Ohio 45202, to insert herein the application serial number and filing date of said application when known.

NOW, THEREFORE, to all whom it may concern, be it known that, for and in consideration of the sum of One Dollar to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I have sold, assigned and transferred, and by these presents do sell, assign and transfer unto the said Zimmer Spine, Inc. my entire right, title and interest in and to the subject-matter disclosed in said application and in and to all Letters Patent Domestic and Foreign issued or to be obtained thereon, including all rights and interests with priority rights under the Paris Convention for the Protection of Industrial Property, the International Patent Cooperative Union, European Patent Convention, Common Market Convention, or any other Convention or Union for each country of said Convention or Union; and I do hereby authorize and request the Commissioner of Patents to issue the Letters Patent granted on said application and all future patents granted upon the subject-matter disclosed therein to the above named Assignee, its legal representatives and assigns.

IN WITNESS WHEREOF, I hereto set my hand and seal at EDINA, MN,

this 31 day of OCT, 2006

W. Matthew Kuester L.S.  
W. Matthew Kuester

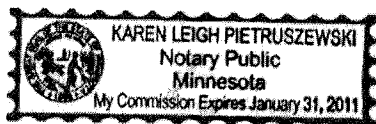
STATE OF \_\_\_\_\_ :  
:ss.  
COUNTY OF \_\_\_\_\_ :

Before me this 31<sup>st</sup> day of October, 2006, personally appeared W. Matthew Kuester, a citizen of US residing in St. Louis Park, MN and particularly at 4645 Park Commons Dr., #316, St. Louis Park, MN 55416, known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.


Karen Leigh Pietruszewski  
Notary Public

My Commission Expires: 1/31/2011

[Notary's Seal Here]

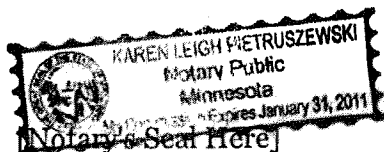


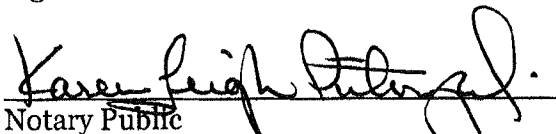
IN WITNESS WHEREOF, I hereto set my hand and seal at Edina MN,  
this 30 day of October, 2006

  
\_\_\_\_\_  
Hugh D. Hestad L.S.

STATE OF :  
COUNTY OF :ss.  
:

Before me this 30<sup>th</sup> day of October, 2006, personally appeared  
Hugh D. Hestad, a citizen of US residing in Edina, MN and particularly at 6121 Abbott Ave.  
S., Edina MN 55410, known to me to be the person whose name is subscribed to the  
foregoing Assignment and acknowledged that he executed the same as his free act and deed  
for the purposes therein contained.



  
\_\_\_\_\_  
Notary Public

My Commission Expires: 1/31/2011

IN WITNESS WHEREOF, I hereto set my hand and seal at \_\_\_\_\_,  
this \_\_\_\_\_ day of \_\_\_\_\_, 2006

\_\_\_\_\_  
Joseph Aferzon L.S.

STATE OF :  
COUNTY OF :ss.  
:

Before me this \_\_\_\_\_ day of \_\_\_\_\_, 2006, personally appeared  
Joseph Aferzon, a citizen of US residing in New Britain, CA and particularly at 114 West  
Main St., Suite 101, New Britain, CA 06051, known to me to be the person whose name is  
subscribed to the foregoing Assignment and acknowledged that he executed the same as his  
free act and deed for the purposes therein contained.

\_\_\_\_\_  
Notary Public

My Commission Expires:

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at EDINA, MN,  
this 1 day of Nov., 2006

Paul Hickey L.S.

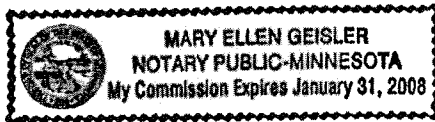
STATE OF Minnesota :  
COUNTY OF Hennepin :  
:ss.

Before me this 1 day of November, 2006, personally appeared Paul Hickey, a citizen of US residing in Eden Prairie, MN and particularly at 18184 Overland Trail, Eden Prairie, MN 55347, known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

Mary E. Geisler  
Notary Public

[Notary's Seal Here]

My Commission Expires: Jan 31, 2008



ASSIGNMENT OF INVENTION AND  
PATENTS THEREON

WHEREAS, we, W. Matthew Kuester, Hugh D. Hestad, Joseph Aferzon, Paul Hickey, invented a new and improved MINIMALLY INVASIVE PEDICLE SCREW ACCESS SYSTEM AND ASSOCIATED METHOD as fully disclosed in an application for Patent and executed by me on \_\_\_\_\_, Serial No. \_\_\_\_\_ preparatory to obtaining Letters Patent of the United States therefor; and whereas, Zimmer Spine, Inc. a corporation organized under the Laws of the State of Delaware, and having its principal office at 7375 Bush Lake Road, Minneapolis, Minnesota 55439-2029 desires to acquire the entire interest in and to the subject-matter disclosed in said application and in and to all patents issued or to be issued thereon. We hereby authorize and request any one of the attorneys of Wood, Herron & Evans, L.L.P., 441 Vine Street, 2700 Carew Tower, Cincinnati, Ohio 45202, to insert herein the application serial number and filing date of said application when known.

NOW, THEREFORE, to all whom it may concern, be it known that, for and in consideration of the sum of One Dollar to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I have sold, assigned and transferred, and by these presents do sell, assign and transfer unto the said Zimmer Spine, Inc. my entire right, title and interest in and to the subject-matter disclosed in said application and in and to all Letters Patent Domestic and Foreign issued or to be obtained thereon, including all rights and interests with priority rights under the Paris Convention for the Protection of Industrial Property, the International Patent Cooperative Union, European Patent Convention, Common Market Convention, or any other Convention or Union for each country of said Convention or Union; and I do hereby authorize and request the Commissioner of Patents to issue the Letters Patent granted on said application and all future patents granted upon the subject-matter disclosed therein to the above named Assignee, its legal representatives and assigns.

IN WITNESS WHEREOF, I hereto set my hand and seal at \_\_\_\_\_,

this \_\_\_\_\_ day of \_\_\_\_\_, 2006

\_\_\_\_\_  
W. Matthew Kuester L.S.

STATE OF :  
:ss.  
COUNTY OF :

Before me this \_\_\_\_\_ day of \_\_\_\_\_, 2006, personally appeared W. Matthew Kuester, a citizen of US residing in St. Louis Park, MN and particularly at 4645 Park Commons Dr., #316, St. Louis Park, MN 55416, known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

\_\_\_\_\_  
Notary Public

My Commission Expires:

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at NEW BRITAIN,  
this 1<sup>st</sup> day of NOVEMBER, 2006

\_\_\_\_\_  
Hugh D. Hestad L.S.

STATE OF :  
:ss.  
COUNTY OF :

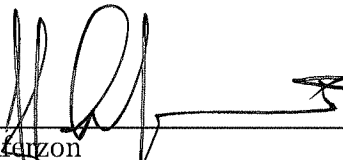
Before me this 1<sup>st</sup> day of NOVEMBER, 2006, personally appeared  
Hugh D. Hestad, a citizen of US residing in Edina, MN and particularly at 6121 Abbott Ave.  
S., Edina MN 55410, known to me to be the person whose name is subscribed to the  
foregoing Assignment and acknowledged that he executed the same as his free act and deed  
for the purposes therein contained.

\_\_\_\_\_  
Notary Public

My Commission Expires:


[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at NEW BRITAIN,  
this 1<sup>st</sup> day of NOVEMBER, 2006

  
\_\_\_\_\_  
Joseph Aferzon L.S.

STATE OF CONNECTICUT :  
:ss. NEW BRITAIN  
COUNTY OF HARTFORD :

Before me this 1<sup>st</sup> day of NOVEMBER, 2006, personally appeared  
Joseph Aferzon, a citizen of US residing in New Britain, CA and particularly at 114 West  
Main St., Suite 101, New Britain, CA 06051, known to me to be the person whose name is  
subscribed to the foregoing Assignment and acknowledged that he executed the same as his  
free act and deed for the purposes therein contained.

  
\_\_\_\_\_  
Notary Public

My Commission Expires:

[Notary's Seal Here]

**BEVERLY A. FRITZ**  
**NOTARY PUBLIC**  
MY COMMISSION EXPIRES SEP. 30, 2010

IN WITNESS WHEREOF, I hereto set my hand and seal at \_\_\_\_\_,

this \_\_\_\_\_ day of \_\_\_\_\_, 2006

\_\_\_\_\_  
Paul Hickey L.S.

STATE OF :  
:ss.  
COUNTY OF :

Before me this \_\_\_\_\_ day of \_\_\_\_\_, 2006, personally appeared Paul Hickey, a citizen of US residing in Eden Prairie, MN and particularly at 18184 Overland Trail, Eden Prairie, MN 55347, known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

\_\_\_\_\_  
Notary Public

My Commission Expires:

[Notary's Seal Here]