

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4352266

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
GREGG KLEIN	06/23/2014
HARLAN LEVINE	02/08/2017
TIMOTHY A. HOEMAN	06/23/2014
RAY ZUBOK	06/11/2014
ROBERT G. DELUCA	06/11/2014
NATALIA FRIDSHTAND	06/11/2014
SCOTT V. CRON	06/11/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ZIMMER, INC.
<b>Street Address:</b>	1800 W. CENTER STREET
<b>City:</b>	WARSAW
<b>State/Country:</b>	INDIANA
<b>Postal Code:</b>	46580
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14300639
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Email:</b>	request@slwip.com
<b>Correspondent Name:</b>	SCHWEGMAN LUNDBERG & WOESSNER, P.A.
<b>Address Line 1:</b>	P.O. BOX 2938
<b>Address Line 4:</b>	MINNEAPOLIS, MINNESOTA 55402-0938
<b>ATTORNEY DOCKET NUMBER:</b>	4394.882US1
<b>NAME OF SUBMITTER:</b>	TYLYN J. MOORE
<b>SIGNATURE:</b>	/Tylyn J. Moore/
<b>DATE SIGNED:</b>	04/04/2017
<b>Total Attachments: 7</b>	

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RECORDATION FORM COVER SHEET  
PATENTS ONLY

Atty Ref/Docket No.: 4394.882US1

Patent and Trademark Office

To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Gregg Klein, Harlan Levine, Timothy A. Hoeman, Ray Zubok, Robert G. Deluca, Natalia Fridshtand, Scott V. Cron

Additional name(s) of conveying party(ies) attached?

Yes  No

3. Nature of conveyance:

Assignment  Merger  
 Security Agreement  Change of Name  
 Other

Execution Date: June 23, 2014, February 8, 2017, June 23, 2014, June 11, 2014, June 11, 2014, June 11, 2014, June 11, 2014

2. Name and address of receiving party(ies):

Name: Zimmer, Inc.

Street Address: 1800 W. Center Street

City: Warsaw State: IN Zip: 46580

Country: United States of America

Additional name(s) & address(es) attached?  Yes  No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

Serial No. 14/300,639

B. Patent No.(s)

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Roger Lang

Address:

Schwegman Lundberg & Woessner, P.A.  
P.O. Box 2938  
Minneapolis, MN 55402--0938

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 0.00

Enclosed

Authorized to be charged to deposit account 19-0743

8. Please charge any additional fees or credit any over payments to our Deposit Account No.: 19-0743

**DO NOT USE THIS SPACE**

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Roger Lang/Reg. No. 58,829

Name of Person Signing

/Roger Lang/

Signature

April 4, 2017

Date

Total number of pages including cover sheet: 7

Mail documents to be recorded with required cover sheet information to:

**Commissioner of Patents and Trademarks  
Mail Stop Assignment Recordation Services  
P.O. Box 1450  
Alexandria, VA 22313-1450**

**PATENT  
REEL: 041847 FRAME: 0070**

Serial No.:14/300,639  
Title: FEMORAL EXPLANT DEVICE

Assignee Docket No.: ZI01123UTL  
Attorney Docket No.:4394.882US1

### ASSIGNMENT

We, Gregg Klein, Harlan Levine, Timothy A. Hoeman, Ray Zubok, Robert G. Deluca, Natalia Fridshtand, Scott V. Cron (hereinafter referred to as the "Undersigned"), for good and valuable consideration, receipt, sufficiency, and adequacy whereof is hereby acknowledged, do hereby assign to Zimmer, Inc., a Delaware corporation, having an office at 1800 W. Center Street, Warsaw, IN 46580 (hereinafter referred to as "Assignee"), the entire right, title and interest in the United States of America, its territories and possessions in and to any and all of the Undersigned's inventions and discoveries in, FEMORAL EXPLANT DEVICE, as described and claimed in the Undersigned's patent application filed on June 10, 2014, which application was assigned US patent application serial number 14/300,639, in and to any and all patents that issue on the aforesaid patent application, and in and to any divisions, continuations, continuations-in-part, reissues, reexaminations, extensions and renewals thereof, the same to be held and enjoyed by the Assignee, its successors, assigns or other legal representatives, to the full ends of the terms for which all patents therefore may be granted, as fully and entirely as the same would have been held, and enjoyed by us if this assignment had not been made.

The Undersigned hereby warrant and covenant that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or shall be made to others by the Undersigned, and that the full right to convey the same as herein expressed is possessed by the Undersigned. Also, the Undersigned hereby agree that the Undersigned will at any time, upon the request and at the expense of the Assignee, execute and deliver any and all documents that may be necessary or desirable to divide, continue, perfect, confirm, import or register and to reissue the title to the foregoing inventions and discoveries, patent or design applications, and patents and reissues, reexaminations, extensions and renewals thereof in the Assignee, its successors, assigns or other legal representatives, and the Undersigned will make all rightful oaths and do all lawful acts requisite for procuring the same or for aiding therein, without further compensation, but at the expense of the Assignee, its successors, assigns or other legal representatives.

The Undersigned hereby further assign and transfer to the Assignee on the same terms and conditions as aforesaid all of the Undersigned's right, title and interest in and to the above-mentioned application and the invention and discoveries described therein in all other countries


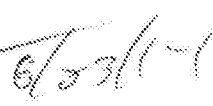

Serial No.:14/300,639  
Title: FEMORAL EXPLANT DEVICE

other than the United States of America and with effect for all multi-national organizations for the protection of intellectual property. This full assignment and transfer includes, but is not limited to, the assignment and transfer of the right to file an application for a patent or any other protective right in the Assignee's name, the right to claim priority to the above-identified application under the International Convention for the Protection of Industrial Property or under any other bilateral or multilateral agreement to which the United States of America is now or hereafter becomes a signatory or any other legal provision which allows claiming the priority of the assigned application, and the right to all causes of action, remedies, and other enforcement rights related to the above-identified application, including without limitation the right to sue for past, present, or future infringement, misappropriation, or violation of any and all rights related to the above-identified patent application or applications and any of the foregoing, including the right to obtain and collect damages for past, present, or future infringement. The Undersigned also hereby assign to Assignee in all countries of the world any and all of the Undersigned's right, title and interest in and to any and all copyright property appertaining any drawings or other materials relating to the tangible means of expression and illustration of the aforesaid inventions and discoveries.

The Undersigned also hereby agree that this Assignment is to be binding on the heirs, assigns, representatives, and successors of the Undersigned, and is to extend to the benefit of the successors, assigns, and nominees of the Assignee.

This document has been prepared in the English language at the request of the Undersigned.

Assignor[s]:

 Gregg Klein	 DATE	 SIGNATURE
Harlan Levine	DATE	SIGNATURE
Timothy A. Hoeman	DATE	SIGNATURE
Ray Zubok	DATE	SIGNATURE

Serial No.: 14/300,639  
Title: FEMORAL EXPLANT DEVICE

Assignee Docket No.: ZI01123UTL  
Attorney Docket No.: 4394.882US1

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Assignor[s]:

Gregg Klein	DATE	SIGNATURE
	2/8/2017	/ <i>Harlan Levine</i> /
Harlan Levine	DATE	SIGNATURE
Timothy A. Hoeman	DATE	SIGNATURE
Ray Zubok	DATE	SIGNATURE

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Assignor[s]:

Gregg Klein	DATE	SIGNATURE
Harlan Levine	DATE	SIGNATURE
<i>TIMOTHY HOEMAN</i> Timothy A. Hoeman	<i>6/23/14</i> DATE	<i>TW Hoeman</i> SIGNATURE
Ray Zubok	DATE	SIGNATURE

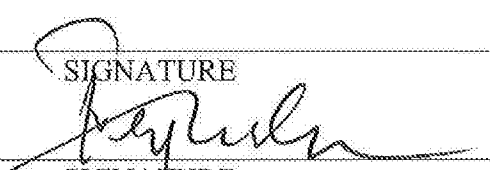
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Timothy A. Hoeman	DATE	SIGNATURE
RAY Zubok	6/11/14	
Ray Zubok	DATE	SIGNATURE



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Assignee Docket No.: ZI01123UTL  
Attorney Docket No.:4394.882US1

ROBERT G Deluca    6/11/2014    Robert Deluca  
Robert G. Deluca    DATE    SIGNATURE

Natalia Fridshtand    6/11/2014    N. Fridshtand  
Natalia Fridshtand    DATE    SIGNATURE

Scott V. Cron    6/11/2014    Scott V. Cron  
Scott V. Cron    DATE    SIGNATURE  
SCOTT CRON