505774226 11/14/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5821044

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ZIMMER, INC.	11/14/2019

RECEIVING PARTY DATA

Name:	ZIMMER US, INC.	
Street Address:	345 EAST MAIN STREET	
City:	WARSAW	
State/Country:	INDIANA	
Postal Code:	46580	

PROPERTY NUMBERS Total: 15

Property Type	Number
Application Number:	62836338
Application Number:	62853425
Application Number:	62431610
Application Number:	62469792
Application Number:	15917065
Application Number:	62416869
Application Number:	15803499
Application Number:	15803515
Application Number:	62403482
Application Number:	15723833
Application Number:	62492667
Application Number:	15966491
PCT Number:	US2017054924
PCT Number:	US2017059991
PCT Number:	US2018021762

CORRESPONDENCE DATA

Fax Number:

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.

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Correspondent Name: SCHWEGMAN LUNDBERG & WOESSNER P.A.

Address Line 1: PO BOX 2938

Address Line 4: MINNEAPOLIS, MINNESOTA 55402-0938

ATTORNEY DOCKET NUMBER: 4394.P38PRV

NAME OF SUBMITTER: LESLIE J. ANTONSEN

SIGNATURE: /Leslie J. Antonsen/

DATE SIGNED: 11/14/2019

Total Attachments: 7

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RECORDATION FORM COVER SHEET PATENTS ONLY

Atty Ref/Docket No.: 4394.438US1 Patent and Trademark Office

To the Director of the U.S. Patent and Trademark Office: Ple				
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):			
	Name: Zimmer US, Inc.			
Zimmer, Inc.	Street Address: 345 East Main Street			
Additional name(s) of conveying party(ies) attached?	City: Warsaw State: Indiana Zip: 46580			
[]Yes [X]No	Country: <u>United States of America</u>			
3. Nature of conveyance:	Additional name(s) & address(es) attached? []Yes [X]No			
[X] Assignment [] Merger [] Security Agreement [] Change of Name [] Other				
Execution Date: November 14, 2019				
4. Application number(s) or patent number(s):				
If this document is being filed together with a new applicatio	n, the execution date of the application is:			
A. Patent Application No.(s)	B. Patent No.(s)			
See attached Appendix				
Additional numbers attached? [X]Yes []No				
	6. Total number of applications and patents involved: <u>1</u>			
5. Name and address of party to whom correspondence concerning document should be mailed:	7. Total fee (37 CFR 3.41):\$ <u>0.00</u>			
Name: Adam P. Kiedrowski	[]Enclosed			
Address:	[]Authorized to be charged to deposit account 19-			
Schwegman Lundberg & Woessner, P.A.	0743			
P.O. Box 2938 Minneapolis, Minnesota 55402	 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 inform the original document.	nation is true and correct and any attached copy is a true copy of			
Adam P. Kiedrowski/Reg. No. 60,296 / Adam P.	Kiedrowski / 11/14/2019			
Name of Person Signing	Signature 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

ASSIGNMENT

WHEREAS, Zimmer, Inc. an entity organized and existing under and by virtue of the laws

of Delaware, United States of America, and having an office and place of business at 1800 W.

Center Street, Warsaw, IN 46580, United States of America (hereinafter "Assignor"), is the owner

of assets identified in Appendix A (hereinafter collectively "Patent Properties"), including all

inventions and other subject matter described in the Patent Properties;

AND WHEREAS, Zimmer US, Inc., an entity organized and existing under and by virtue of

the laws of Delaware, and having an office and place of business at 345 East Main Street, Warsaw,

Indiana 46580, United States of America (hereinafter "Assignee"), is desirous of acquiring the

entire right, title and interest in and to said Patent Properties, including all inventions and other

subject matter described therein, and any patent to be obtained in relation therefor;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable

consideration, the receipt and sufficiency whereof is hereby acknowledged, the Assignor hereby:

ASSIGNS, CONVEYS AND TRANSFERS to the Assignee the Assignor's entire right, title, and

interest for the United States and all foreign countries and jurisdictions in and to:

said Patent Properties, including all original and reissued patents which have been or shall

be issued in the United States and all foreign countries and jurisdictions based in whole or in part on

any of said Patent Properties;

all divisional, continuing (including continuation-in-part), substitute, renewal, reissue, and all

other applications for a patent or patents which have been or shall be filed in the United States

(including all provisional and non-provisional applications), and in all foreign countries and

jurisdictions, based in whole or in part on any of said Patent Properties (including any application

for a utility model or an innovation patent application);

the right to claim priority to said Patent Properties in relation to subject matter based in

whole or in part on said Patent Properties and any of the foregoing including the right to file foreign

applications under the provisions of any convention or treaty;

and the right to all causes of action, remedies, and other enforcement rights related to

said Patent Properties, including without limitation the right to sue for past, present, or future

PATENT FEL: 051011 EDAME: 09/ infringement, misappropriation, or violation of any and all rights related to said Patent Properties and any of the foregoing, including the right to obtain and collect damages and/or royalties due for past, present, or future infringement;

AUTHORIZES AND REQUESTS the issuing authority to issue any and all United States and foreign patents granted on said Patent Properties to the Assignee;

AUTHORIZES AND REQUESTS that any attorney associated with U.S. Patent and Trademark Office (USPTO) Customer No. 104326 may (directly or through his/her designee) delete, insert, or alter any information related to said Patent Properties or any of the foregoing, after execution of this Assignment;

WARRANTS AND COVENANTS 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 Assignor, and that the full right to convey the same as herein expressed is possessed by the Assignor;

COVENANTS, that when requested and without compensation, but at the expense of the Assignee, in order to carry out in good faith the intent and purpose of this Assignment, the Assignor shall (1) secure cooperation from all present and former employees and/or inventors contributing or having contributed to the Patent Properties; (2) execute all provisional, non-provisional, divisional, continuing (including continuation-in-part), substitute, renewal, reissue, and all other patent applications for the Patent Properties; (3) execute all rightful oaths, declarations, assignments, powers of attorney and other papers for the Patent Properties; (4) communicate to the Assignee all facts known to the Assignor relating to the Patent Properties and the history thereof; (5) cooperate with the Assignee in any interference, reexamination, review proceeding, reissue, opposition, dispute, or litigation involving any of the applications or patents for the Patent Properties; and (6) take such further actions as the Assignee shall reasonably consider necessary or desirable for vesting title to said Patent Properties in the Assignee, or for securing, maintaining and enforcing proper patent protection for the Patent Properties; and

COVENANTS, that should any provision of this agreement be held unenforceable by an authority of competent jurisdiction, such a ruling shall not affect the validity and enforceability of the remaining provisions.

THIS AGREEMENT IS TO BE BINDING on the assigns, representatives, and successors of the Assignor, and is to extend to the benefit of the successors, assigns, and nominees of the Assignee.

AGREED to by Assignor as of the Date of the Signature Below:

Date: 11/14/2019

Assignor:	Zimmer, Inc.
	DocuSigned by:
	Signature: Joseph E. Topmiller
	Printed Name: - 1965 1978 1989 1989 1989 1989 1989 1989 1989
	Title: VP, Chief Patent Counsel
	Date: 11/14/2019
ACCEPTED by Assigne	ee as of the Date of the Signature Below:
Assignee:	Zimmer US, Inc.
	PocuSigned by:
	Signature: Joseph & Tramiller
	Signature: Joseph E. Topmiller Printed Name: DASSEPHIDE C. Topmiller
	Title: VP, Chief Patent Counsel

Appendix A

Reference No.	Application Number	Title	Filing date	Country Name
ZB00569PRV	62/836,338	MOBILE APPLICATION FOR UPPER EXTREMITY PATIENT CARE	April 19, 2019	United States of America
ZB00569PRV2	62/853,425	MOBILE APPLICATION FOR UPPER EXTREMITY PATIENT CARE	May 28, 2019	United States of America
ZB00282PRV	62/431,610	SMARTWATCH THERAPY APPLICATION	December 8, 2016	United States of America
ZB00282PRV2	62/469,792	SMARTWATCH THERAPY APPLICATION	March 10, 2017	United States of America
ZB00282CN	201880017107.3	SMARTWATCH THERAPY APPLICATION	March 9, 2018	China
ZB00282EP	18713524.9	SMARTWATCH THERAPY APPLICATION	March 9, 2018	European Patent Office
ZB00282PCT	PCT/US2018/021762	SMARTWATCH THERAPY APPLICATION	March 9, 2018	PCT
ZB00282UTL	15/917,065	SMARTWATCH THERAPY APPLICATION	March 9, 2018	United States of America
ZB00147PRV	62/416,869	TELEREHABILITATION GESTURE ANALYZER	November 3, 2016	United States of America
ZB00147AU	2017355505	AUGMENTED REALITY THERAPEUTIC MOVEMENT DISPLAY AND GESTURE ANALYZER	November 3, 2017	Australia

ZB00147CA	3,042,535	AUGMENTED REALITY THERAPEUTIC MOVEMENT DISPLAY AND GESTURE ANALYZER	November 3, 2017	Canada
ZB00147CN	201780081935.9	AUGMENTED REALITY THERAPEUTIC MOVEMENT DISPLAY AND GESTURE ANALYZER	November 3, 2017	China
ZB00147EP	17801554.1	AUGMENTED REALITY THERAPEUTIC MOVEMENT DISPLAY AND GESTURE ANALYZER	November 3, 2017	European Patent Office
ZB00147PCT	PCT/US2017/059991	AUGMENTED REALITY THERAPEUTIC MOVEMENT DISPLAY AND GESTURE ANALYZER	November 3, 2017	PCT
ZB00147UTL	15/803,499	AUGMENTED REALITY THERAPEUTIC MOVEMENT DISPLAY AND GESTURE ANALYZER	November 3, 2017	United States of America
ZB00147UTL2	15/803,515	AUGMENTED REALITY THERAPEUTIC MOVEMENT DISPLAY AND GESTURE ANALYZER	November 3, 2017	United States of America
ZB00146PRV	62/403,482	PREDICTIVE TELEREHABILITATION TECHNOLOGY AND USER INTERFACE	October 3, 2016	United States of America

RECORDED: 11/14/2019

ZB00146AU	2017339467	PREDICTIVE	October 3,	Australia
		TELEREHABILITATION	2017	
		TECHNOLOGY AND		
		USER INTERFACE		
ZB00146CN	201780074541.0	PREDICTIVE	October 3,	China
		TELEREHABILITATION	2017	
		TECHNOLOGY AND		
		USER INTERFACE		
ZB00146EP	17785135.9	PREDICTIVE	October 3,	European
		TELEREHABILITATION	2017	Patent Office
		TECHNOLOGY AND		
		USER INTERFACE		
ZB00146PCT	PCT/US2017/054924	PREDICTIVE	October 3,	PCT
		TELEREHABILITATION	2017	
		TECHNOLOGY AND		
		USER INTERFACE		
ZB00146UTL	15/723,833	PREDICTIVE	October 3,	United States
		TELEREHABILITATION	2017	of America
		TECHNOLOGY AND		
		USER INTERFACE		
ZB00354PRV	62/492,667	VIRTUAL OR	May 1, 2017	United States
		AUGMENTED		of America
		REALITY		
		REHABILITATION		
ZB00354UTL	15/966,491	VIRTUAL OR	April 30, 2018	United States
		AUGMENTED		of America
		REALITY		
		REHABILITATION		