PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: **NEW ASSIGNMENT** NATURE OF CONVEYANCE: **ASSIGNMENT**

CONVEYING PARTY DATA

Name	Execution Date
Mohamed Rashwan Mahfouz	08/24/2011

RECEIVING PARTY DATA

Name:	Zimmer, Inc.	
Street Address:	345 East Main Street	
City:	Warsaw	
State/Country:	INDIANA	
Postal Code:	46580	

PROPERTY NUMBERS Total: 3

Property Type	Number
Application Number:	12673640
Application Number:	13203012
Application Number:	13203010

CORRESPONDENCE DATA

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Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US

Mail.

NORTON ROSE OR LLP / Pierre T. Nguyen Correspondent Name:

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Address Line 2: Suite 2500

Montreal, CANADA H3B 1R1 Address Line 4:

ATTORNEY DOCKET NUMBER: 55214239-77US/78US/79US NAME OF SUBMITTER: Pierre T. Nguyen

Total Attachments: 2

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> **PATENT REEL: 027197 FRAME: 0950**

ASSIGNMENT

WHEREAS, Mohamed R. Mahfouz, an individual residing at 201 Long Bow Road, Knoxville, Tennessee 37922 (hereinafter referred to as the "Assignor") is the owner of the entire right, title and interest in and to the U.S. Provisional Patent Applications, the PCT International Patent Applications, the corresponding National/Regional Phase applications listed below (hereinafter referred to as the "Applications"):

Applications

Implant Design Analysis Suite

<u>Status</u>
Expired
Expired
Pending
Pending
Pending
Pending

Deformable Articulating Template and Customized Orthopaedic Implants and Related Methods

	Country/Region	Application Serial Number	Status
1)	United States	61/208,509	Expired
2)	United States	61/222,560	Expired
3)	WIPO	PCT/US10/025466	Pending
4)	WIPO	PCT/US10/025467	Pending

and, WHEREAS, Zimmer, Inc., a corporation organized and existing under the laws of the State of Delaware, having its principal place of business at 345 East Main Street, Warsaw, Indiana 46580 (hereinafter referred to as the "Assignee"), is to acquire the entire right, title and interest in and to said Applications;

NOW, THEREFORE, in consideration of the sum of ONE DOLLAR (\$1.00) in hand paid, and for other good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, Assignor does hereby assign, sell, transfer and set over unto Assignee, its successors and assigns, the full, entire and exclusive right, title and interest in and to said Applications and any national and/or regional phase applications, divisions, continuations and

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continuations-in-part thereof which have been or may be filed, and in and to any patents or reissues, renewals, reexaminations or extensions thereof which may be granted on said applications, and in and to any patent application which may be filed in countries foreign to the United States of America and any patents granted thereon, and all patent applications for which priority has been or is subsequently claimed to said Applications; all of said applications and patents to be held and enjoyed by Assignee, and its successors or assigns, to the full end of the term or terms for which said patents may be granted, as fully and entirely as the same would have been held by Assignor had this assignment not been made.

Assignor hereby authorizes and requests the Patent and Trademark Office officials in the United States of America and the Patent Office officials of any and all foreign countries to issue any and all of said patents, when granted, to Assignee.

Further, Assignor agrees to execute all papers and to give such lawful testimony and to perform such other lawful acts as Assignee, its successors and assigns may require to enable it or them to procure patents based on said applications, or reissues, reexaminations or extensions thereof in the United States of America and/or in any foreign country without further expense to Assignee.

Executed this 24th day of August, 2011.

	Mohamed R. Mahfouz, Assignor	
	Signature: Mohsund Rellitz	
STATE OF <u>leano</u> ssee		
COUNTY OF Knox) ss:)	

Before me, the undersigned, a Notary Public in and for said County and State, this day personally appeared Mohamed R. Mahfouz, personally known to me, who acknowledged the execution of the foregoing instrument as his free act and deed.

Notary Public

r (Gar) r done

County of Residence:

KNOX

My Commission Expires: Lay commission expires Oct. 5, 2013

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RECORDED: 11/09/2011

PATENT REEL: 027197 FRAME: 0952