PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SUBHABRATA BHATTACHARYYA	07/27/2016
DAVID R. KAES	07/27/2016
DANIEL A. SHIMKO	08/09/2016

RECEIVING PARTY DATA

Name:	WARSAW ORTHOPEDIC, INC.	
Street Address:	eet Address: 2500 SILVEUS CROSSING	
City:	WARSAW	
State/Country:	INDIANA	
Postal Code:	46582-8598	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15232275

CORRESPONDENCE DATA

Fax Number: (901)344-1583

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.

Phone: 901-396-3133

Email: medtronic_spinal_docketing@cardinal-ip.com

RICHARD D. WATKINS **Correspondent Name:**

Address Line 1: 2600 SOFAMOR DANEK DRIVE

Address Line 2: SS-46

Address Line 4: MEMPHIS, TENNESSEE 38132

ATTORNEY DOCKET NUMBER:	C00010827.USU1
NAME OF SUBMITTER:	RICHARD D. WATKINS
SIGNATURE:	/Richard D. Watkins/
DATE SIGNED:	08/10/2016

Total Attachments: 4

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ASSIGNMENT

WHEREAS,

(1)	Subhabrata Bhattacharyya	of the City of Metuchen State of New Jersey, USA
(2)	David R. Kaes	of the City of Toms River State of New Jersey, USA
(3)	Daniel A. Shimko	of the City of Germantown State of Tennessee, USA

has invented certain improvements in

TISSUE PROCESSING APPARATUS AND METHOD FOR INFUSING BIOACTIVE AGENTS INTO TISSUE

for which	n we have executed an application for Letters Patent of the United States of America,
	of even date herewith; and
X	_filed on 08/09/2016 and assigned application number 15/232,275; and

WHEREAS, we hereby authorize and request the attorneys of Assignee, Warsaw Orthopedic, Inc., of 2500 Silveus Crossing, Warsaw, Indiana 46582-8598, to insert the filing date and application number of the application when known; and

WHEREAS, Warsaw Orthopedic, Inc. (Assignee), a corporation organized and existing under the laws of the State of Indiana, having its principal office and place of business in the City of Warsaw, State of Indiana, is desirous of obtaining the entire right, title, and interest in, to and under the invention and the application in the United States of America and in any and all countries foreign thereto;

NOW, THEREFORE, for One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the Assignee, its successors, legal representatives, and assigns, the entire right, title, and interest in, to and under the invention, and the application, and all divisional, renewal, substitutional, and continuing applications thereof, and all Letters Patent of the United States of America which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may be filed for the invention in any country or countries foreign to the United States of America, and all extensions, renewals, and reissues thereof, and all prior patents and patent applications for which a filing priority of the above-described patent application may be obtained, including the right to collect past damages; and we hereby authorize and request the Commissioner of Patents of the United States of America, and any official of any country or countries foreign to the United States of America, whose duty is to issue patents on applications as aforesaid, to issue all Letters Patent for the invention to the Assignee, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

legal representatives and assigns, any fac proceedings, sign all lawful papers, execu applications, make all rightful declaration	its known to me respecting the invention, and testify in any legal ute all divisional, renewal, substitutional, continuing, and reissuents and/or oaths and generally do everything possible to aid the tives and assigns, to obtain and enforce patent protection for the
Inventor Name: Address:	Subhabrata Bhattacharyya 78 Summit Avenue Metuchen, NJ 08840
Dated: 27 July 2016	Inventor Signature
STATE OF MONMONT	h New Jersey
On this the 27 day of Subhabrata Bhattacharyya, to me known person described in and who executed the same as his free act and deed.	, 2016, before me personally appeared (or proved to me on the basis of satisfactory evidence) to be the e foregoing instrument, and acknowledged that he executed the
WITNESS MY HAND and Seal	at office this the 27 day of July , 2016. Acy le Weigand Notary Public
My Commission Expires:	
GAYLE WEIGAND NOTARY PUBLIC OF NEW JERSEY 1.D. # 2360913 My Commission Expires 6/19/2017	

Inventor Name: Address: Dated: 27 July 2016	David R. Kaes 2198 Old Church Road Toms River, NJ 08753 Inventor Signature
STATE OF New Jerry COUNTY OF Monworth	
David R. Kaes, to me known (or proved to m	, 2016, before me personally appeared e on the basis of satisfactory evidence) to be the person strument, and acknowledged that he executed the same as
WITNESS MY HAND and Seal at offic	the this the $\frac{27}{2016}$ day of $\frac{1}{2016}$.
Notary	Public Daging
My Commission Expires:	
GAYLE WEIGAND NOTARY PUBLIC OF NEW JERSEY I.D. # 2360913 My Commission Expires 6/19/2017	

Inventor Name: Address:	Daniel A. Shimko 8054 Bobwood Drive Germantown, TN 38138
Dated: 09 Ay 2016	Inventor Signature
COUNTY OF Shelby	
On this the $\frac{G^{\mu}}{\Delta}$ day of $\frac{\Delta}{\Delta}$ Daniel A. Shimko, to me known (or described in and who executed the foliation free act and deed.	proved to me on the basis of satisfactory evidence) to be the person oregoing instrument, and acknowledged that he executed the same as
WITNESS MY HAND and	Seal at office this the $\frac{Q^{+4}}{d}$ day of $\frac{1}{4}$ us $\frac{1}{4}$, 2016.
	Seal at office this the 9th day of August, 2016. Lynthia J- Mc Common Notary Public
My Commission Expires:	HA J. MC
03-19-2019	STATE OF TENNESSEE NOTARY PUBLIC
	WGN END SEE 2.

PATENT REEL: 039390 FRAME: 0519

RECORDED: 08/10/2016