## 505472144 05/13/2019

# PATENT ASSIGNMENT COVER SHEET

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 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
MURRAY DAVID SOLSBERG	11/12/2014
DOUGLAS PRESTON BEALL	11/18/2014
RYAN ERICH DEAN	11/18/2014

## **RECEIVING PARTY DATA**

Name:	THIXOS LLC
Street Address:	15 HUNTWICK LANE
City:	ENGLEWOOD
State/Country:	COLORADO
Postal Code:	80113

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16271133

## **CORRESPONDENCE DATA**

**Fax Number:** (303)770-0152

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:** 303-770-0051

**Email:** ptomail@mfblaw.com

Correspondent Name: MARSH FISCHMANN & BREYFOGLE LLP

Address Line 1: 8055 E. TUFTS AVENUE

Address Line 2: SUITE 450

Address Line 4: DENVER, COLORADO 80237

ATTORNEY DOCKET NUMBER: 50950-00006

NAME OF SUBMITTER: ROSS E. BREYFOGLE

SIGNATURE: /Ross E. Breyfogle/

DATE SIGNED: 05/09/2019

#### **Total Attachments: 6**

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PATENT 505472144 REEL: 049153 FRAME: 0926

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> PATENT REEL: 049153 FRAME: 0927

## ASSIGNMENT

WHEREAS, we, MURRAY DAVID SOLSBERG of 15 Huntwick Lane, Englewood, Colorado 80113, DOUGLAS PRESTON BEALL of 1415 N. Hudson Avenue, Oklahoma City, Oklahoma 73103, and RYAN ERICH DEAN of 1107 Old Farm Road, Valhalla, New York 10595, have invented a certain new and useful invention entitled "DEVICES, KITS AND METHODS RELATING TO TREATMENT OF FACET JOINTS", for which an international patent application designating all states, including the United States of America, has been prepared and filed pursuant to the Patent Cooperation Treaty with the U.S. Patent & Trademark Office on November 11, 2014 receiving Serial No. PCT/US2014/064925, and further identified as Attorney File No. 50950-00003;

NOW THEREFORE, be it known that we together and each of us individually, for and in consideration of certain good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, at the request of the assignee do sell, assign and transfer unto said assignee, THIXOS LLC., a Colorado limited liability company having a place of business at 15 Huntwick Lane, Englewood, Colorado 80113, its successors, legal representatives and assigns, the aforesaid application and all rights to claim priority directly or indirectly to the aforesaid application and all converted non-provisional utility, continuation, divisional, continuation-inpart and reissue applications, all patent applications that claim priority directly or indirectly to the aforesaid application, all patent applications in foreign countries, all applications pursuant to the Patent Cooperation Treaty and all applications for extension filed or to be filed for the invention(s), and all Letters Patent, Invention Registrations, Utility Models, Extensions or Reissues and other patent rights, obtained for the invention(s) in the United States or any other country; each of us also assigns any right, title or interest in and to the invention(s) that has not already been transferred to the assignce; each of us warrants that no assignment of the invention(s), application or patent therefor has been made to a party other than THIXOS LLC.; each of us warrants that there is no obligation to make any assignment of the invention(s), application, or any patent therefor to any party other than THIXOS LLC.; and each of us further agrees to cooperate with the assignee hereunder in the obtaining and sustaining of any and all such Letters Patent and in confirming assignee's exclusive ownership of the invention(s), but at the expense of said assignee.

The Commissioner For Patents is hereby authorized and requested to issue the Letters Patent solely in accordance with the terms of this Assignment to **THIXOS LLC.**, its successors, legal representatives and assigns, as the assignee of the entire right, title and interest therein.

IN WI	TNESS WHEREOF, the party hereto ha	s exec	cuted this Assignment as of the date indicated hereunder.
Date:	Nov12,14	Ву:	MO Sibber MO MURRAY DAVID SOLSBERG
			MURRAY DAVID SØLSBERG
Date:		By:	
			DOUGLAS PRESTON BEALL
Date:		By:	
			RVAN ERICH DEAN

Page 1 of 2

STATE OF COLO Rado	)				
COUNTY OF Wapahoe	) ss. )				
Before me, a Notary Public in DAVID SOLSBERG, known to me instrument, and acknowledged to me expressed.  Given under my hand and sea	to be the per that he exec	son whose uted the sa	name is subsci me for the purp	ribed to the fo	regoing siderations therein
Linda Cagle Notary Public State Of Colorado Notary ID 20024030500 My Commission Expires 10/02/2018		Sur Notary P	ids Cagl	<u> </u>	
STATE OF COUNTY OF	) ) ss. )				
Before me, a Notary Public in PRESTON BEALL, known to me to and acknowledged to me that he executive Given under my hand and set	o be the persouted the sar	son whose ne for the	name is subscri purposes and co	bed to the for onsiderations	regoing instrument, therein expressed.
		Notary I My Con	Public umission Expir	es:	AND THE PROPERTY OF THE PROPER
STATE OF	) ) ss.				
Before me, a Notary Public in DEAN, known to me to be the person acknowledged to me that he execute	on whose na	me is subs	cribed to the fo	regoing instru	ument, and
Given under my hand and se	eal of office	this	day of	<u></u>	, 2014.
		Notary My Cor	Public nmission Expi	es:	стилина <u>на предования под под под под под под под под под под</u>

Page 2 of 2

## ASSIGNMENT

WHEREAS, we, MURRAY DAVID SOLSBERG of 15 Huntwick Lane, Englewood, Colorado 80113, DOUGLAS PRESTON BEALL of 1415 N. Hudson Avenue, Oklahoma City, Oklahoma 73103, and RYAN ERICH DEAN of 1107 Old Farm Road, Valhalla, New York 10595, have invented a certain new and useful invention entitled "DEVICES, KITS AND METHODS RELATING TO TREATMENT OF FACET JOINTS", for which an international patent application designating all states, including the United States of America, has been prepared and filed pursuant to the Patent Cooperation Treaty with the U.S. Patent & Trademark Office on November 11, 2014 receiving Serial No. PCT/US2014/064925, and further identified as Attorney File No. 50950-00003;

NOW THEREFORE, be it known that we together and each of us individually, for and in consideration of certain good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, at the request of the assignee do sell, assign and transfer unto said assignee, THIXOS LLC., a Colorado limited liability company having a place of business at 15 Huntwick Lane, Englewood, Colorado 80113, its successors, legal representatives and assigns, the aforesaid application and all rights to claim priority directly or indirectly to the aforesaid application and all converted non-provisional utility, continuation, divisional, continuation-inpart and reissue applications, all patent applications that claim priority directly or indirectly to the aforesaid application, all patent applications in foreign countries, all applications pursuant to the Patent Cooperation Treaty and all applications for extension filed or to be filed for the invention(s), and all Letters Patent, Invention Registrations, Utility Models, Extensions or Reissues and other patent rights, obtained for the invention(s) in the United States or any other country; each of us also assigns any right, title or interest in and to the invention(s) that has not already been transferred to the assignee; each of us warrants that no assignment of the invention(s), application or patent therefor has been made to a party other than THIXOS LLC.; each of us warrants that there is no obligation to make any assignment of the invention(s), application, or any patent therefor to any party other than THIXOS LLC.; and each of us further agrees to cooperate with the assignee hereunder in the obtaining and sustaining of any and all such Letters Patent and in confirming assignee's exclusive ownership of the invention(s), but at the expense of said assignee.

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IN WITNESS WHEREOF, the party hereto has executed this Assignment as of the date indicated hereunder.

Date:		By:	
Date:	11/18/14	Ву:	MURRAY DAVID SOLSBERG  DOUGLAS PRESTON BEALL
Date:		Ву:	RYAN ERICH DEAN

Page 1 of 2

**REEL: 049153 FRAME: 0930** 

STATE OF	)		
COUNTY OF	) ss. )		
Before me, a Notary Public in <b>DAVID SOLSBERG</b> , known to me to instrument, and acknowledged to me to expressed.	o be the person w	hose name is subscr	ibed to the foregoing
Given under my hand and seal	of office this	day of	, 2014.
		ry Public Commission Expires	
STATE OF OKIANOMA	) ) ss. )		
Before me, a Notary Public in a PRESTON BEALL, known to me to learn and acknowledged to me that he execu	and for said Count of the person who	se name is subscrib-	ed to the foregoing instrument
Given under my hand and seal			
LONDON KING NOTARY PUBLIC – STATE OF OKLA COMMISSION # 14006590 My Commission Expires July 23, Bonded Through RLI Insurance Com	k / / '	y Public ommission Expires:	ting 07/23/18
STATE OF	)		
COUNTY OF	) ss. )		
Before me, a Notary Public in a <b>DEAN</b> , known to me to be the person vacknowledged to me that he executed the	vhose name is sul	oscribed to the force	thing instrument and
Given under my hand and seal of	of office this	day of	, 2014.
		Public ommission Expires:	

Page 2 of 2

#### ASSIGNMENT

WHEREAS, we, MURRAY DAVID SOLSBERG of 15 Huntwick Lane, Englewood, Colorado 80113, DOUGLAS PRESTON BEALL of 1415 N. Hudson Avenue, Oklahoma City, Oklahoma 73103, and RYAN ERICH DEAN of 1107 Old Farm Road, Valhalla, New York 10595, have invented a certain new and useful invention entitled "DEVICES, KITS AND METHODS RELATING TO TREATMENT OF FACET JOINTS", for which an international patent application designating all states, including the United States of America, has been prepared and filed pursuant to the Patent Cooperation Treaty with the U.S. Patent & Trademark Office on November 11, 2014 receiving Serial No. PCT/US2014/064925, and further identified as Attorney File No. 50950-00003;

NOW THEREFORE, be it known that we together and each of us individually, for and in consideration of certain good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, at the request of the assignee do sell, assign and transfer unto said assignee, THIXOS LLC., a Colorado limited liability company having a place of business at 15 Huntwick Lane, Englewood, Colorado 80113, its successors, legal representatives and assigns, the aforesaid application and all rights to claim priority directly or indirectly to the aforesaid application and all converted non-provisional utility, continuation, divisional, continuation-inpart and reissue applications, all patent applications that claim priority directly or indirectly to the aforesaid application, all patent applications in foreign countries, all applications pursuant to the Patent Cooperation Treaty and all applications for extension filed or to be filed for the invention(s), and all Letters Patent, Invention Registrations, Utility Models, Extensions or Reissues and other patent rights, obtained for the invention(s) in the United States or any other country; each of us also assigns any right, title or interest in and to the invention(s) that has not already been transferred to the assignee; each of us warrants that no assignment of the invention(s), application or patent therefor has been made to a party other than THIXOS LLC.; each of us warrants that there is no obligation to make any assignment of the invention(s), application, or any patent therefor to any party other than THIXOS LLC.; and each of us further agrees to cooperate with the assignee hereunder in the obtaining and sustaining of any and all such Letters Patent and in confirming assignee's exclusive ownership of the invention(s), but at the expense of said assignee.

The Commissioner For Patents is hereby authorized and requested to issue the Letters Patent solely in accordance with the terms of this Assignment to THIXOS LLC., its successors, legal representatives and assigns, as the assignee of the entire right, title and interest therein.

IN WITNESS WHEREOF, the party hereto has executed this Assignment as of the date indicated hereunder.

Date:		By:	MURRAY DAVID SOLSBERG
Date:		Ву:	
Date:	11/18/14	Ву:	Jon Wan ERICH DEAN

STATE OF	)		
COUNTY OF	) ss. )		
Before me, a Notary Public in <b>DAVID SOLSBERG</b> , known to me to instrument, and acknowledged to me t expressed.	o be the person	whose name is subscribe	d to the foregoing
Given under my hand and seal	of office this _	day of	, 2014.
		tary Public Commission Expires:	And the state of t
STATE OF	) ) ss.		
COUNTY OF	) ss. )		
Before me, a Notary Public in PRESTON BEALL, known to me to and acknowledged to me that he execu	be the person w	hose name is subscribed	to the foregoing instrument.
Given under my hand and seal	of office this _	day of	, 2014.
		tary Public Commission Expires:	annangan nguyah da Marika Salah da Salah da
STATE OF New York COUNTY OF Westchestee	) ) ss. )		
Before me, a Notary Public in a <b>DEAN</b> , known to me to be the person acknowledged to me that he executed to	whose name is the same for the	subscribed to the foregoi purposes and considerat	ng instrument, and ions therein expressed.
Given under my hand and seal	of office this 1	gh day of Nover	nlew, 2014.
PATRICIA J. TRAVIS Notary Public, State of New York No. 4895803 Qualified in Putnam County Term Expires August 3, 20/7		Patricia Jary Public Commission Expires: 8	Travis) 7-3-17

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**PATENT** REEL: 049153 FRAME: 0933

**RECORDED: 05/13/2019**