503088020 12/05/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3134625

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
DENNIS E. BULLARD	11/19/2012	

RECEIVING PARTY DATA

Name:	BULLARD SPINE, LLC	
Street Address:	4104 GLEN LAUREL DRIVE	
City:	RALEIGH	
State/Country:	NORTH CAROLINA	
Postal Code:	27612	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	14561607	

CORRESPONDENCE DATA

Fax Number: (404)962-6881

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: 404-885-3000

Email: sara.rogers@troutmansanders.com

Correspondent Name: TROUTMAN SANDERS LLP Address Line 1: 600 PEACHTREE STREET

Address Line 2: SUITE 5200

Address Line 4: ATLANTA, GEORGIA 30308

ATTORNEY DOCKET NUMBER: BULLARD1CIP2CON2	
NAME OF SUBMITTER:	RYAN A. SCHNEIDER
SIGNATURE: /RYAN A. SCHNEIDER, REG. #45083/	
DATE SIGNED:	12/05/2014

Total Attachments: 3

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PATENT 503088020 REEL: 034388 FRAME: 0984

ASSIGNMENT

WHEREAS, Dennis E. Bullard ("ASSIGNOR"), the acknowledged owner of the patent assets (herein the "Application") listed on Schedule A, and whereas

Bullard Spine, LLC 4104 Glen Laurel Drive Raleigh, North Carolina 27612

("ASSIGNEE") desires to acquire all the rights in same;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable considerations paid by the said ASSIGNEE, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR has and by these presents does hereby sell, assign, transfer and convey unto said ASSIGNEE the full, exclusive and entire right, title, and interest in and to said Application, including in and to any conventional, division, continuation, continuation-in-part, substitution, reissue, renewal, reexam, continued prosecution application ("CPA"), or request for continued examination ("RCE") thereof, and in and to all inventions and improvements thereon (herein collectively referred to as "Related US Applications"), preparatory to obtaining Letters Patent of the United States therefor; and ASSIGNOR hereby requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States resulting from said Application and Related US Applications, to ASSIGNEE, for its interest and for the sole use and benefit of ASSIGNEE and its assigns and legal representatives.

For the same consideration, ASSIGNOR, by these presents does sell, assign, and transfer to ASSIGNEE the full, exclusive, and entire right, title and interest in and to any foreign and international applications related to and/or seeking benefit of said Application and Related US Applications and in and to all inventions and improvements thereon (herein collectively referred to as "Related Foreign Applications"), in and to any Letters Patent and similar protective rights granted on said Related Foreign Applications, and in and to the right to claim any applicable priority rights arising from or required for said Related Foreign Applications under the terms of any applicable conventions, treaties, statutes, or regulations, said Related Foreign Applications to be filed and issued in the name of ASSIGNEE or its designee, insofar as permitted by applicable law.

For the same consideration, ASSIGNOR agrees, without charge to ASSIGNEE, but at ASSIGNEE'S expense, to sign all lawful papers, execute said Application, Related US Applications and Related Foreign Applications, make all assignments and rightful oaths, assist in prosecution of said Application, Related US Applications and Related Foreign Applications, assist in prosecution of legal proceedings, and generally do everything reasonably possible to aid ASSIGNEE its successors, assigns, and nominees, to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

AND, for the same consideration, ASSIGNOR also hereby sells, assigns and transfers unto ASSIGNEE all rights and claims to sue for damages and other remedies with respect to any and all past infringement of all said Application, Related US Applications, and Related Foreign Applications, including said inventions and improvements which may have occurred before the date of this Assignment.

IN WITNESS WHEREOF, I have h	ereunto set my hand and seal this 19 day of		
	Dennis E, Bullard (Assignor)		
•	By: Dh Clalland		
	Name: Dennis E. Bullard		
	Title: Authorized Signatory		
conveyance unto said Assignee of the full.	epts from Assignor the sale, assignment, transfer and exclusive and entire right, title, and interest in and to and Related Foreign Applications, by its duly		
	Bullard Spine, LLC.		
	(Assignee) By: Z Bola		
•	Name; Dennis E. Bullard		
	Title: Authorized Signatory		
State of N.C.	NOU. 19 2012 Date		
County of WAKE)			
On this 19 day of Nov. 2012, known to be the individual described in and acknowledged the same to be his free act an			
	(Unn C Carlow NOTARY PUBLIC AND & CARLSON		
(SEAL)	My Commission Expires: DEC 28 2013		

SCHEDULE A

COUNTRY	STORIAT NO	PATENTI NO:	TURCE	STATUS	DATE	ISSUD DAMO
US	12/554,220	8,147,529	Anterior Cervical Instrumentation Systems, Methods and Devices	Issued	9/4/2009	4/3/2012
US	12,839,050	8,231,680	Anterior Cervical Instrumentation Systems, Methods and Devices	Issued	7/19/2010	7/31/2012
US	13/405,926	terene 2	Anterior Cervical Instrumentation Systems, Methods and Devices	Pending	2/27/2012	***
US	12/778,723	Miso	Multi-layer Osteoinductive, Osteogenic & Osteoconductive Carrier	Pending	5/12/2010	taka
US	61/659,558	σ φ	Horizontally Expanding Invertebral Constructs for Spinal Stabilization and Attempted Arthrodesis	Pending	6/14/2012	

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PATENT REEL: 034388 FRAME: 0987