504708876 12/29/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

nic Version v1.1 EPAS ID: PAT4755598

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WILLIAM DUFFIELD	07/20/2015
KATHERINE ELIZABETH BROWN	07/21/2015

RECEIVING PARTY DATA

Name:	INSTITUTE FOR MUSCULOSKELETAL SCIENCE AND EDUCATION, LTD.
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15194323

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ATTORNEY DOCKET NUMBER:	138-1018
NAME OF SUBMITTER:	JEREMY T. THISSELL
SIGNATURE:	/ Jeremy T. Thissell, Reg.# 56065 /
DATE SIGNED:	12/29/2017

Total Attachments: 6

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PATENT 504708876 REEL: 044508 FRAME: 0092

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IN THE UNITED STATES PATENT & TRADEMARK OFFICE

Appln. No. : 15/194,323 Confirmation No. 4173

Applicant : William Duffield et al.

Filed : 6/27/2016

Title : Interbody Fusion Device and System for Implantation

TC/A.U. : 3733

Examiner : David C. Comstock

Attorney Docket No.: 138-1018

Customer No. : 36163

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

TRANSMITTAL ACCOMPANYING ASSIGNMENT FROM PROVISIONAL APPLICATION 1

Sir:

This Assignment specifying provisional patent application number 62/184,638 was previously recorded under provisional patent application number 62/184,638 at reel/frame 036425/0366. Applicant submits this assignment for recordation with respect to non-provisional patent application number 15/194,323, which claims priority to, and includes the content of, provisional patent application number 62/184,638 mentioned in the Assignment.

This Assignment is applied (effective) to non-provisional patent application number 15/194,323, as explained in MPEP 306.01, and as specified in the Assignment, which explicitly transfers all rights in "all Letters Patent of the United States and its territories and all foreign countries and jurisdictions which may or

Appln. No. 15/194,638 Atty Ref. No. 138-1018

shall be granted on said invention(s) [disclosed in the listed provisional application(s)], or on said application(s), or any provisional, divisional, continuation, reissue, or other applications based thereon."

Applicant does not believe any fee is required with this submission. However, any extension of time necessary to prevent abandonment is hereby requested, and any fee necessary for consideration of this submission is hereby authorized to be charged to Deposit Account Number 502846.

Respectfully submitted,

PLUMSEA LAW GROUP, LLC

Date: December 29, 2017 By: / Jeremy T. Thissell /

Jeremy T. Thissell

Registration Number: 56,065

Telephone number: 301-365-9040

ASSIGNMENT

We, William Duffield of 109 Magnolia Court, Collegeville, Pennsylvania 19426, and Katherine Elizabeth Brown of 850 Shavertown Road, Garnet Valley, Pennsylvania 19060, for good and valuable consideration from Institute for Musculoskeletal Science and Education, Ltd., a corporation of the state of Pennsylvania, having its principal place of business at 418 E. Lancaster Avenue, Suite 201, Wayne, Pennsylvania, 19087 (hereinafter "said Assignee"), the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said Assignee, its successors and assigns, the entire interest for the United States of America, and its territories and all foreign countries and jurisdictions, including all rights of priority under the International Convention for the Protection of Industrial Property, in (1) a certain invention(s) and/or improvement(s) in "Anterior Lumbar Interbody Fusion Device and System for Implantation" described in U.S. Provisional Application No. 62/184,638 filed in the United States Patent and Trademark Office on June 25, 2015, by William Duffield and Katherine Elizabeth Brown, (2) U.S. Provisional Application No. 62/184,638 filed June 25, 2015, and (3) all Letters Patent of the United States and its territories and all foreign countries and jurisdictions which may or shall be granted on said invention(s), or on said application(s), or any provisional, divisional, continuation, reissue, or other applications based thereon. We agree, for ourselves and our executors and administrators, with said Assignee and its successors and assigns, but at its or their expense or charges, hereafter to execute all applications, amended specifications, deeds or other instruments, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and its territories and in all other foreign countries and jurisdictions to said Assignee, with specifications and claims in such form as shall be approved by the counsel of said

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IMSE 102 095347/00005 U.S.S.N. 62/184,638

Title: "Anterior Lumbar Interbody Fusion Device and System for Implantation "

By: William Duffield and Katherine Elizabeth Brown

Filed: June 25, 2015

ASSIGNMENT

Assignee, and to vest and confirm in said Assignee, its successors and assigns, the legal title to

all such patents.

We do hereby authorize and request the Commissioner of Patents and Trademarks of the

United States to issue such Letters Patent as shall be granted upon said application or

applications based thereon to said Assignce, its successors and assigns.

We each individually do hereby state (1) that the application(s) was made or was

authorized to be made by each of us and (2) that we each believe ourselves to be the original

inventor or joint inventor of a claimed invention in the application(s).

We each individually do hereby authorize Assignee's attorney to correct any

typographical errors on this form, if necessary, and to complete this form by the addition of the

application number(s), application filing date(s), and attorney docket number(s), if necessary.

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IMSE 102 095347/00005

U.S.S.N. 62/184,638

Title: "Antarior Lumbar Interbody Fusion Device and System for Implantation "
By: William Duffield and Katherine Elizabeth Brown

Filed: June 25, 2015 ASSIGNMENT

WITNESS my hand and seal this 20 day of July 2015

William Duffield

Witne	esses:	
1.	Signed: Dann PHONE	
	Printed Name: DamiGen Hein Z	
	Address: 408 Tunyard Rd	***************************************
	Richhom PA 18954	***************************************
2.	Signed: EBWARD J. MCSHAWE TO Address: 163 PENNAPACKER RO. COLLEGEVILLE PALISAGE	

U.S.S.N. 62/184,638

Title: "Anterior Lumbar Interbody Fusion Device and System for Implantation"

By: William Duffield and Katherine Elizabeth Brown

Filed: June 25, 2015 ASSIGNMENT

Witnesses:

1.	Signed:	,,
	Printed Name: EDWARD J. MCSHAF III	
	Address: 163 PENNAPACKER RO.	**************
	COLLEGEVILLE, PA 19426	

	2 [™] >
2.	Signed: Phery
	Printed Name: Dounism Heinz
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RECORDED: 12/29/2017

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