505863966 01/14/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5910890

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RAMI HAMZEY	04/23/2019
ROBERT MORRIS	04/23/2019
MATHEW GORDON	08/28/2019
EDWARD J. MCSHANE III	09/05/2019
JOSEPH M. NYAHAY	04/23/2019

RECEIVING PARTY DATA

Name:	INSTITUTE FOR MUSCULOSKELETAL SCIENCE AND EDUCATION, LTD.
Street Address:	501 ALLENDALE RD
City:	KING OF PRUSSIA
State/Country:	PENNSYLVANIA
Postal Code:	19406

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15791232

CORRESPONDENCE DATA

Fax Number: (301)365-9101

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Phone: 301-365-9040 Email: mail@plumsea.com

Correspondent Name: PLUMSEA LAW GROUP, LLC **Address Line 1:** 6710A ROCKLEDGE DRIVE

Address Line 2: SUITE 400

Address Line 4: BETHESDA, MARYLAND 20817

ATTORNEY DOCKET NUMBER:	138-1067
NAME OF SUBMITTER:	JEREMY T. THISSELL
SIGNATURE:	/ Jeremy T. Thissell / Reg. #56065
DATE SIGNED:	01/14/2020

Total Attachments: 6

PATENT REEL: 051512 FRAME: 0938

PATENT REEL: 051512 FRAME: 0939 Attorney Docket: 138-1067

ASSIGNMENT

and Joseph useful impro Impla	M. Nyał verments ant With applicat the Do said 10/23 (if app	nay, hereinafter (coll in Multi-Layer Bone Intri ion for Letters Paten eclaration for said ap application having to licable); application having be ecorded Application	ert Morris, William Duffield, Mathew Gordon, Edward J. McShane III, ectively) referred to as the Assignor, have invented certain new and erfacing Lattice to the United States has been prepared, plication executed on even date herewith; been filed in the United States Patent and Trademark Office on Serial Number 15/791,232, and was amended onen filed under the Patent Cooperation Treaty on, the United States of America being
WHE	EREAS,		oskeletal Science and Education, Ltd.
		501 Allendale Rd. King of Prussia, PA	<u> </u>
assign, and exclusive rig any and all and in any a thereof; AND proper office AND assigned ar herewith; AND me/us respectation administrative and and and and and and administrative and	V THERI I transfe pht to the Letters F and all fo said Ass r or ages said Ass cting sai ments a re proces Patent in	r unto the Assigner invention as descrit latent which may be reign countries and is signor authorizes and recy of any country to signor warrants and twe have not executed invention, to execute the United States of the United States or the United States or the invention of the United States or the Unite	nd valuable consideration the Assignor by these presents do sell, e, its successors, legal representatives and assigns, the full and bed in said application, and the entire right, title and interest in and to e granted therefor in the United States and its territorial possessions in and to any and all divisions, reissues, continuations and extensions of requests the Commissioner of Patents and Trademarks or any other issue all said Letters Patent to said Assignee; covenants that I/We have full right to convey the entire interest hereing uted and will not execute any instrument or assignment in conflict inmunicate to said Assignee or its representatives any facts known to the all divisional, continuation, reissue and foreign applications, sign all to oaths relating to said invention, and to testify in any judicial or do everything possible to aid the said Assignee to obtain and enforce or any foreign country when requested so to do by said Assignee. OF, I/We have hereunto set my/our hand and seal.
	****	•	or, in the have hereunto set myrodi hand and seat.
Date:		•	Signature: Name: Rami Hamzey
			маше, каш пашкеу
Date			Signature:
aur Kirl Chur's			Name: Robert Morris

Page 1 of 2

Signature:_ Date: William Duffield Name: 8/25/2019 Signature: Mathew Gordon Name: Signature:_ Date:_____ Edward J. McShane III Name: Signature:__

Name:

Joseph M. Nyahay

Attorney Docket: 138-1067

Date:_____

Attorney Docket: 138-1067

ASSIGNMENT

and Joseph M. Nyahay, hereinafter (collectively) ruseful improvements in Implant With Multi-Layer Bone Interfacing L. for which an application for Letters Patent of the Urthe Declaration for said application explication having been filed 10/23/2017 and accorded Serial Nur (if applicable); said application having been filed ur	nited States has been prepared,
WHEREAS, Institute for Musculoskeletal 501 Allendale Rd. King of Prussia, PA 19406	Science and Education, Ltd.
aforesaid invention and in and to any Letters Pater granted therefor; NOW THEREFORE, for good and valuate assign, and transfer unto the Assignee, its successive right to the invention as described in said any and all Letters Patent which may be granted and in any and all foreign countries and in and to a thereof; AND said Assignor authorizes and requests proper officer or agency of any country to issue all AND said Assignor warrants and covenants assigned and that I/We have not executed and herewith; AND said Assignor agrees to communicate me/us respecting said invention, to execute all divisional lawful documents and make all rightful oaths readministrative proceeding and generally do everythere.	s of acquiring the entire right, title and interest in and to the nt of the United States or any foreign country which may be oble consideration the Assignor by these presents do sell, ocessors, legal representatives and assigns, the full and diapplication, and the entire right, title and interest in and to therefor in the United States and its territorial possessions any and all divisions, reissues, continuations and extensions as the Commissioner of Patents and Trademarks or any other said Letters Patent to said Assignee; at that I/We have full right to convey the entire interest herein will not execute any instrument or assignment in conflict to said Assignee or its representatives any facts known to sional, continuation, reissue and foreign applications, sign all elating to said invention, and to testify in any judicial or hing possible to aid the said Assignee to obtain and enforce ign country when requested so to do by said Assignee.
IN WITNESS WHEREOF, I/We	have hereunto set my/our hand and seal.
Date: 4-27-15	Signature: Name: Rami Hamzey Signature:
· · · · · · · · · · · · · · · · · · ·	Name: Robert Morris

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PATENT REEL: 051512 FRAME: 0942 Attorney Docket: 138-1067

Date:	Signature:Name: William Duffield
Date:	Signature:Name: Mathew Gordon
Date:	Signature: Name: Edward J. McShane III
Date: 64/18/19	Signature: Name: Joseph M. Nyahay

ASSIGNMENT

and Joseph M. Nyahay, hereinafter (collectively) reuseful improvements in Implant With Multi-Layer Bone Interfacing Lafor which an application for Letters Patent of the Un the Declaration for said application e said application having been filed 10/23/2017 and accorded Serial Nun (if applicable); said application having been filed un	ited States has been prepared,
WHEREAS, Institute for Musculoskeletal S 501 Allendale Rd. King of Prussia, PA 19406	Science and Education, Ltd.
aforesaid invention and in and to any Letters Pater granted therefor; NOW THEREFORE, for good and valuab assign, and transfer unto the Assignee, its succexclusive right to the invention as described in said any and all Letters Patent which may be granted and in any and all foreign countries and in and to a thereof; AND said Assignor authorizes and requests proper officer or agency of any country to issue all successions and that I/We have not executed and therewith; AND said Assignor agrees to communicate me/us respecting said invention, to execute all divisually lawful documents and make all rightful oaths readministrative proceeding and generally do everythe said Letters Patent in the United States or any foreign.	of acquiring the entire right, title and interest in and to the of the United States or any foreign country which may be all consideration the Assignor by these presents do self-cessors, legal representatives and assigns, the full and application, and the entire right, title and interest in and to therefor in the United States and its territorial possessions my and all divisions, reissues, continuations and extensions the Commissioner of Patents and Trademarks or any othe said Letters Patent to said Assignee; that I/We have full right to convey the entire interest herein will not execute any instrument or assignment in conflict to said Assignee or its representatives any facts known to ional, continuation, reissue and foreign applications, sign all dating to said invention, and to testify in any judicial or hing possible to aid the said Assignee to obtain and enforce gn country when requested so to do by said Assignee.
Date:	Signature: Name: Rami Hamzey
Date:	Signature: Name: Robert Morris

Page 1 of 2

Date: Signature: Name: William Duffield

Date: Signature: Name: Mathew Gordon

Date: Signature: Name: Edward J. McShane III

Signature: ______Name: Joseph M. Nyahay

Attorney Docket: 138-1067

Date:_____