506741321 06/29/2021

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT				
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT			
CONVEYING PARTY D	ΑΤΑ					
		Name			Execution Date]
PETER W. DILLON					02/12/2014	1
DONALD R. MACKAY					02/10/2014	1
RANDY S. HALUCK					02/10/2014]
RECEIVING PARTY D	ΑΤΑ					
Name: THE PENN STATE RESEARCH FOUNDATION			1			
Street Address:	304 OLD) MAIN				1
City:		UNIVERSITY PARK			1	
State/Country:		PENNSYLVANIA		1		
Postal Code:	16802					1
Property Type		Number				
PROPERTY NUMBERS	S Total: 1					
Application Number:	1	7360580				
Fax Number:		2/8/358-3351				
Fax Number:(248)358-3351Correspondence 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.						
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NAME OF SUBMITTER:		STEPHANIE M. MANSFIELI	STEPHANIE M. MANSFIELD			
SIGNATURE:		/Stephanie M. Mansfield/	/Stephanie M. Mansfield/			
DATE SIGNED:		06/29/2021	06/29/2021			
Total Attachments: 2						
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ASSIGNMENT

FOR VALUE RECEIVED, and pursuant to my obligations under my employment agreements/appointments with THE PENNSYLVANIA STATE UNIVERSITY ("University"), we, (i) Peter W. Dillon, a citizen of United States of America, with an address of 7033 Red Top Road, Harrisburg, PA 17111; and (ii) Dr. Donald R. Mackay, a citizen of United States of America, with an address of 16 Foxanna Drive, Hershey, PA 17033: (iii) Dr. Randy S. Haluck, a citizen of the United States of America, with an address of 54 Oakhill Drive, Lititz, PA 17543, hereby sell, assign and transfer unto the University's designee, THE PENN STATE RESEARCH FOUNDATION, as assignee, and its successors, assigns and legal representatives, the entire right, title and interest in and to all subject matter invented by me and disclosed or claimed in an application for Letters Patent of the United States of America, entitled:

"BONE REPAIR SYSTEM, KIT AND METHOD"

signed by us on the date set forth below; and in and to any and all continuations, continuations-in-part, divisions, reissues, renewals, extensions, substitutions, additions or reexaminations of such application and any U.S. patents issuing thereon; and in and to any and all corresponding international and foreign applications for Letters Patent and any foreign patents issuing thereon; and all Convention and Treaty Rights of any kind, in all countries throughout the world, for all such subject matter; together with all claims for damages by reason of future, present and past infringement, with the right to sue for and collect the same for assignee's use and on behalf of assignee's successors, assigns and legal representative.

We request that any and all patents for said inventions be issued to said assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

We agree that, when requested, I/we will, without charge to said assignce but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing, maintaining and enforcing patents for said inventions in any and all countries and for vesting title thereto in said assignee, its successors, assigns and legal representatives or nominees.

We authorize and empower the said assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of said assignce or nominee to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

We covenant with said assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

Signed at Hershey, Pennsylvania, this 12 day of 3232142 , 2014.
Witness: Many White Signed: The Who
STATE OF PENNSYLVANIA :
COUNTY OF Dauphin : ss:
On this 12th day of February , 2014, before me, a Notary Public in and for the county and State
aforesaid, appeared <u>Peter W. Dillon</u> , to me personally known to be the person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act for the uses and purposes therein
expressed.
Witness my hand and seal the day and year last above given.

ILL B WAGNER Notary Public [Page 1 of 2 – Signatures Continued on My Commission Expires Mar 13, 2016

> PATENT REEL: 056705 FRAME: 0623

NOTARIAL SEAL

Signed at Hershey, Pennsylvania, this 10k day of	February 2014.	
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Witness: Scalet Barrett	Signed:	к. Б
0	Donard Mineral	

STATE OF PENNSYLVANIA

COLIMITY OF	Bauphin	
COUNTY OF	1.700000101	

On this 10^{H} day of 12^{H} day of 12^{H} , 2014, before me, a Notary Public in and for the county and State aforesaid, appeared <u>Donald R. Mackay</u>, to me personally known to be the person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act for the uses and purposes therein expressed.

Witness my hand and seal the day and year last above given.

1 SS:

NOTARIAL SEAL JILL D WAGNER	<u>SHIPSWage</u> Notary Public	DEBUG LIME' DUNNHIN CONNLA NOTALA LIME' DUNNHIN CONNLA NUTT B ANYONEH NOTALA LIME' DUNNHIN CONNLA
Notary Public DERRY TWP. DAUPHIN COUNTY My Commission Expires Mar 13, 2016 Signed at Hershey, Pennsylvania, this	4 day of Alerny,	205× // /)
Witness: Michelle Webber	Signed: Rendy S. Hallick	La
STATE OF PENNSYLVANIA COUNTY OF <u>Dauphin</u>	SS:	

On this 10^{40} day of februard, 2014, before me, a Notary Public in and for the county and State aforesaid, appeared <u>Randy S. Haluck</u>, to me personally known to be the person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act for the uses and purposes therein expressed.

Witness my hand and seal the day and year last above given.

SHRWag-	NOTARIAL SEAL
Notary Public	Notary Public DERRY TWP, DAUPHIN COUNTY My Commission Expires Mar 13, 2018

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