502915211 07/31/2014

PATENT ASSIGNMENT COVER SHEET

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 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PETER DILLON	07/25/2014
DONALD R. MACKAY	07/25/2014
RANDY S. HALUCK	07/25/2014

RECEIVING PARTY DATA

Name:	THE PENN STATE RESEARCH FOUNDATION
Street Address:	304 OLD MAIN
City:	UNIVERSITY PARK
State/Country:	PENNSYLVANIA
Postal Code:	16802

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14252064

CORRESPONDENCE DATA

Fax Number: (248)358-3351

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: 2483584400

Email: irichmond@brookskushman.com

Correspondent Name: BROOKS KUSHMAN P.C. **Address Line 1:** 1000 TOWN CENTER

Address Line 2: 22ND FLOOR

Address Line 4: SOUTHFIELD, MICHIGAN 48075

ATTORNEY DOCKET NUMBER: BMFP 0148 PUSP1

NAME OF SUBMITTER: JODY RICHMOND

SIGNATURE: /JODY RICHMOND/

DATE SIGNED: 07/31/2014

Total Attachments: 2

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PATENT 502915211 REEL: 033430 FRAME: 0488

Docket No. <u>PSU 2009-3555 (DIV)</u>; <u>Legal BMFP 0148 PUSP1</u> **ASSIGNMENT**

FOR VALUE RECEIVED, and pursuant to my obligations under my employment agreements/appointments with THE PENNSYLVANIA STATE UNIVERSITY ("University"), we, <u>PETER DILLON, DONALD R. MACKAY, and RANDY S. HALUCK</u>, 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 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, we will, without charge to said assignee 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 assignee 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 25 day of July , 2014
Witness: Signed: PETER DILLON
STATE OF PENNSYLVANIA :
COUNTY OF Daughin : ss:
On this 25 day of, 2014, before me, a Notary Public in and for the county and State aforesaid, appeared PETER DILLON; 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 purpose therein expressed.
Witness my hand and seal the day and year last above given.

Derry Twp., Dauphin Count Page 1 of 2 - Signatures Continued on Page 21

NOTARIAL SEAL Mary K. Forshey. Notary Public

My Commission Expires May 28, 2018
MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

PATENT REEL: 033430 FRAME: 0489

[Page 2 of 2 – Assignment Signatures Continued]
Signed at Jershey , Pennsylvania, this 25 day of , 2014
Witness: Signed: DONALD R. MACKAY
STATE OF PENNSYLVANIA :
COUNTY OF
Witness my hand and seal the day and year last above given.
NOTARIAL SEAL Mary K. Forshey, Notary Public Derry Twp., Dauphin County My Commission Expires May 28, 2018 MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES
Signed at Jershey , Pennsylvania, this 25th day of July , 2014 Witness: Signed: RANDY S. HALUCK
STATE OF PENNSYLVANIA :
COUNTY OF
Witness my hand and seal the day and year last above given.
Notary Public
COMMONWEALTH OF PENNSYLVANIA NOTARIAL SEAL Mary K. Forshey. Notary Public Derry Twp., Dauphin County My Commission Expires May 28, 2018 MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

PATENT REEL: 033430 FRAME: 0490

RECORDED: 07/31/2014