

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT | | | | | | | | | | |
|---|------------------------------------|---------------|------------------------------------|------------------------|--------------|------------------|-----------------|-----------------------|--------------|---------------------|------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT | | | | | | | | | | |
| CONVEYING PARTY DATA | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Peter Dillon</td> <td>07/13/2010</td> </tr> <tr> <td>Donald R. Mackay</td> <td>07/13/2010</td> </tr> <tr> <td>Randy Haluck</td> <td>07/13/2010</td> </tr> </tbody> </table> | | Name | Execution Date | Peter Dillon | 07/13/2010 | Donald R. Mackay | 07/13/2010 | Randy Haluck | 07/13/2010 | | |
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| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>The Penn State Research Foundation</td> </tr> <tr> <td>Street Address:</td> <td>304 Old Main</td> </tr> <tr> <td>City:</td> <td>University Park</td> </tr> <tr> <td>State/Country:</td> <td>PENNSYLVANIA</td> </tr> <tr> <td>Postal Code:</td> <td>16802-7000</td> </tr> </table> | | Name: | The Penn State Research Foundation | Street Address: | 304 Old Main | City: | University Park | State/Country: | PENNSYLVANIA | Postal Code: | 16802-7000 |
| Name: | The Penn State Research Foundation | | | | | | | | | | |
| Street Address: | 304 Old Main | | | | | | | | | | |
| City: | University Park | | | | | | | | | | |
| State/Country: | PENNSYLVANIA | | | | | | | | | | |
| Postal Code: | 16802-7000 | | | | | | | | | | |
| PROPERTY NUMBERS Total: 1 | | | | | | | | | | | |
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| Application Number: | 12825967 | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | |
| <p>Fax Number: (248)358-3351</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Email: aphilips@brookskushman.com</p> <p>Correspondent Name: Brooks Kushman P.C.</p> <p>Address Line 1: 1000 Town Center, 22nd Floor</p> <p>Address Line 4: Southfield, MICHIGAN 48075</p> | | | | | | | | | | | |
| ATTORNEY DOCKET NUMBER: | BMFP 0148 PUSP | | | | | | | | | | |
| NAME OF SUBMITTER: | Angelika Phillips | | | | | | | | | | |
| <p>Total Attachments: 2</p> <p>source=Assignment#page1.tif</p> <p>source=Assignment#page2.tif</p> | | | | | | | | | | | |

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PATENT
REEL: 024760 FRAME: 0740

ASSIGNMENT

FOR VALUE RECEIVED, and pursuant to my obligations under our employment agreements/appointments with THE PENNSYLVANIA STATE UNIVERSITY ("University"), we, PETER DILLON, DONALD R. MACKAY and RANDY HALUCK, 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 me 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 Hersey, Pennsylvania, this 13 day of July, 2010.

Witness: Margaret White

Signed: Peter Dillon
PETER DILLON

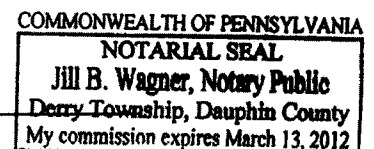
STATE OF PENNSYLVANIA :
COUNTY OF Dauphin : ss:

On this 13th day of July, 2010, 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 purposes therein expressed.

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

[Signature]
Notary Public

[Page 1 of 2 - Signatures Continued on Page 2]



Signed at Hershey, Pennsylvania, this 13 day of July, 2010.

Witness: Nancy White

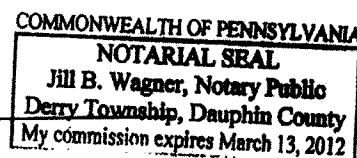
Signed: [Signature]
DONALD R. MACKAY

STATE OF PENNSYLVANIA :
COUNTY OF Dauphin : ss:

On this 13th day of July, 2010, before me, a Notary Public in and for the county and State aforesaid, appeared DONALD R. MACKAY, 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.

[Signature]
Notary Public



Signed at Hershey, Pennsylvania, this 13 day of July, 2010.

Witness: Nancy White

Signed: [Signature]
RANDY S. HALUCK

STATE OF PENNSYLVANIA :
COUNTY OF Dauphin : ss:

On this 13th day of July, 2010, before me, a Notary Public in and for the county and State aforesaid, appeared RANDY S. HALUCK, 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.

[Signature]
Notary Public

