

Form PTO-1595 (Rev. 03-11)  
OMB No. 0651-0027 (exp. 03/31/2015)

U.S. DEPARTMENT OF COMMERCE  
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## RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

### 1. Name of conveying party(ies):

William O'Neill (06/17/2004), Christopher J. Sutcliffe (06/17/2004), and Eric Jones (06/17/2004)

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

### 2. Name and address of receiving party(ies)

Name: Howmedica Osteonics Corp.

Internal Address: \_\_\_\_\_

Street Address: \_\_\_\_\_

325 Corporate Drive

City: Mahwah

State: New Jersey

Country: United States of America Zip: 07430

Additional name(s) & address(es) attached? ☐ Yes ☒ No

### 3. Nature of conveyance/Execution Date(s):

Execution Date(s): in parentheses after inventor name

☒ Assignment ☐ Merger ☐ Change of Name

☐ Security Agreement ☐ Joint Research Agreement

☐ Government Interest Assignment

☐ Executive Order 9424, Confirmatory License

☐ Other \_\_\_\_\_

### 4. Application or patent number(s):

A. Patent Application No.(s)

12/386,679

☐ This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

### 5. Name and address to whom correspondence concerning document should be mailed:

Name: Ryan L. Bergeron  
LERNER, DAVID, LITTENBERG,  
KRUMHOLZ & MENTLIK, LLP

Internal Address: Atty. Dkt.: OSTEONICS 3.0-441 CON

Street Address: 600 South Avenue West

City: Westfield

State: NJ Zip: 07090

Phone Number: 908-654-5000

Fax Number: 908-654-7866

Email Address: ataylor@ldlkm.com

### 6. Total number of applications and patents involved:

1

### 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

☒ Authorized to be charged to deposit account

☐ Enclosed

☐ None required (government interest not affecting title)

### 8. Payment Information

Deposit Account Number 12-1095

Authorized User Name Ryan L. Bergeron

### 9. Signature:



Signature

July 10, 2012

Date

Ryan L. Bergeron - 66,377

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

4

CH \$40.00 121095 12386679

former PTO/BB/15 (8-00) Modified LDK&amp;M

<b>ASSIGNMENT OF UTILITY APPLICATION</b>	Docket Number (Optional) <b>OSTEONICS 3.0-441</b>
<p>Whereas, I, <u>William O'Neill</u> of <u>University of Liverpool; Faculty of Engineering, Ashton Bldg.; Liverpool; L69 3GH; UNITED KINGDOM</u> hereafter referred to as assignor, have with others invented certain new and useful improvements in <u>LASER-PRODUCED POROUS SURFACE</u></p> <p><input checked="" type="checkbox"/> for which an application for a United States Letters Patent was filed on <u>November 7, 2003</u></p> <p>Application Number <u>10/704,270</u></p> <p><input type="checkbox"/> for which an application for a United States Letters Patent was executed by me on _____ and _____</p> <p>Whereas, <u>Howmedica Osteonics Corp.</u> a corporation of <u>New Jersey</u> herein referred to as "assignee" whose mailing address is <u>325 Corporate Drive; Mahwah, New Jersey 07430</u> is desirous of acquiring the entire right, title and interest in the same;</p> <p>NOW, THEREFORE, in consideration of the sum of <u>one</u> dollars (\$ <u>1.00</u> ), the receipt whereof is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said assignee my entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid utility patent application and all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, for said invention, including without limitation all applications and patents for said invention claiming priority or benefit of the aforesaid utility application pursuant to any law or treaty, and including the right to claim such priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interference or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses incident to said applications to be borne and paid by said assignee.</p> <p>I, as assignor, hereby assign to said assignee all of my right, title and interest in United States Provisional Application Nos. 60/424,923, filed November 8, 2002 and 60/425,657 filed on November 12, 2002, and in the invention disclosed therein in all countries of the world including the right to claim priority or benefit of said Application Nos. 60/424,923, filed November 8, 2002 and 60/425,657 filed on November 12, 2002, pursuant to any law or treaty in the countries of the world.</p> <p><u>12/6/04</u> (Date)</p> <p><u>William O'Neill</u> (Signature)</p> <p><u>Marjorie Wells</u> (Witness)</p>	
<input checked="" type="checkbox"/> Total of <u>3</u> forms are submitted.	

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former PTO/SB/15 (5-00) Modified LCL&amp;M

<b>ASSIGNMENT OF UTILITY APPLICATION</b>		Docket Number (Optional) <b>OSTEONICS 3.0-441</b>
<p>Whereas, I, <u>Christopher J. Sutcliffe</u> of  <u>University of Liverpool; Faculty of Engineering, Ashton Bldg.; Liverpool: L69 3GH; UNITED KINGDOM</u>  hereafter referred to as assignor, have with others invented certain new and useful improvements in  <u>LASER-PRODUCED POROUS SURFACE</u></p> <p><input checked="" type="checkbox"/> for which an application for a United States Letters Patent was filed on <u>November 7, 2003</u>  Application Number <u>10/704,270</u></p> <p><input type="checkbox"/> for which an application for a United States Letters Patent was executed by me on _____  and _____</p> <p>Whereas, <u>Howmedica Osteonics Corp.</u>  a corporation of <u>New Jersey</u> herein referred to as "assignee" whose mailing address is  <u>325 Corporate Drive; Mahwah, New Jersey 07430</u>  is desirous of acquiring the entire right, title and interest in the same;</p> <p>NOW, THEREFORE, in consideration of the sum of <u>one</u> dollars (\$ <u>1.00</u> ), the receipt whereof  is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to  said assignee my entire right, title and interest for the United States of America and all other countries in and  to said invention and the aforesaid utility patent application and all original, divisional, continuation, substitute  or release applications and patents applied for or granted therefor in the United States of America and all other  countries, for said invention, including without limitation all applications and patents for said invention claiming  priority or benefit of the aforesaid utility application pursuant to any law or treaty, and including the right to  claim such priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and  requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as  assignee of the entire interest therein; and the undersigned for me and my legal representatives, heirs and  assigns do hereby agree and covenant without further remuneration, to execute and deliver all original,  divisional, continuation, release and other applications for Letters Patent on said improvements and all  assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all  facts known to the undersigned respecting said improvements, whenever requested, to testify in any  interferences or other legal proceedings in which any of said applications or patents may become involved, to  sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee, its  successors, assigns and nominees to obtain patent protection for said improvements in all countries, the  expenses incident to said applications to be borne and paid by said assignee.</p> <p>I, as assignor, hereby assign to said assignee all of my right, title and interest in United States Provisional  Application Nos. 60/424,923, filed November 8, 2002 and 60/425,657 filed on November 12, 2002, and in the  invention disclosed therein in all countries of the world including the right to claim priority or benefit of said  Application Nos. 60/424,923, filed November 8, 2002 and 60/425,657 filed on November 12, 2002 pursuant to  any law or treaty in the countries of the world.</p> <p><u>17/06/04</u>  (Date)</p> <p><u>Walter Pernie</u>  (Witness)</p> <p><u>Christopher J. Sutcliffe</u>  (Signature)</p>		
<input checked="" type="checkbox"/> Total of <u>3</u> forms are submitted.		

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<b>ASSIGNMENT OF UTILITY APPLICATION</b>		former PTO-38/1d (8-00) Modified LDK&M Docket Number (Optional) <b>OSTEONICS 3.0-441</b>
<p>Whereas, I, <u>Eric Jones</u> of <u>Ardehan, Kidimo Co.; Limerick; IRELAND</u></p> <p>hereafter referred to as assignor, have with others invented certain new and useful Improvements in <u>LASER-PRODUCED POROUS SURFACE</u></p> <p><input checked="" type="checkbox"/> for which an application for a United States Letters Patent was filed on <u>November 7, 2003</u> Application Number <u>10/704,270</u></p> <p><input type="checkbox"/> for which an application for a United States Letters Patent was executed by me on _____ and _____</p> <p>Whereas, <u>Howmedica Osteonics Corp.</u> a corporation of <u>New Jersey</u> herein referred to as "assignee" whose mailing address is <u>325 Corporate Drive; Mahwah, New Jersey 07430</u> is desirous of acquiring the entire right, title and interest in the same;</p> <p>NOW, THEREFORE, in consideration of the sum of <u>one</u> dollars (\$ <u>1.00</u> ), the receipt whereof is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said assignee my entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid utility patent application and all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, for said invention, including without limitation all applications and patents for said invention claiming priority or benefit of the aforesaid utility application pursuant to any law or treaty, and including the right to claim such priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interference or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses incident to said applications to be borne and paid by said assignee.</p> <p>I, as assignor, hereby assign to said assignee all of my right, title and interest in United States Provisional Application Nos. 60/424,923, filed November 8, 2002 and 60/425,657 filed on November 12, 2002, and in the invention disclosed thereto in all countries of the world including the right to claim priority or benefit of said Application Nos. 60/424,923, filed November 8, 2002 and 60/425,657 filed on November 12, 2002 pursuant to any law or treaty in the countries of the world.</p> <div style="display: flex; justify-content: space-between; align-items: flex-end; margin-top: 10px;"> <div style="text-align: center;"> <p><u>11/06/04</u> (Date)</p> <p><u>[Signature]</u> (Witness)</p> </div> <div style="text-align: center;"> <p><u>[Signature]</u> Eric Jones (Signature)</p> </div> </div>		
<p><input checked="" type="checkbox"/> *Total of <u>3</u> forms are submitted.</p>		

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