

## PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT2721852

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>AIGUO WANG</td> <td>09/21/2004</td> </tr> <tr> <td>JOHN H. DUMBLETON</td> <td>09/29/2004</td> </tr> <tr> <td>AARON ESSNER</td> <td>09/21/2004</td> </tr> <tr> <td>SHI-SHEN YAU</td> <td>09/21/2004</td> </tr> </tbody> </table>		Name	Execution Date	AIGUO WANG	09/21/2004	JOHN H. DUMBLETON	09/29/2004	AARON ESSNER	09/21/2004	SHI-SHEN YAU	09/21/2004
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>HOWMEDICA OSTEONICS CORP.</td> </tr> <tr> <td>Street Address:</td> <td>325 CORPORATE DRIVE</td> </tr> <tr> <td>City:</td> <td>MAHWAH</td> </tr> <tr> <td>State/Country:</td> <td>NEW JERSEY</td> </tr> <tr> <td>Postal Code:</td> <td>07430</td> </tr> </table>		Name:	HOWMEDICA OSTEONICS CORP.	Street Address:	325 CORPORATE DRIVE	City:	MAHWAH	State/Country:	NEW JERSEY	Postal Code:	07430
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CORRESPONDENCE DATA											
<p>Fax Number: (908)654-7866</p> <p>Phone: (908) 518-6318</p> <p>Email: Assignment@dlkm.com</p> <p><i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i></p> <p>Correspondent Name: LDLK&amp;M</p> <p>Address Line 1: 600 SOUTH AVENUE WEST</p> <p>Address Line 4: WESTFIELD, NEW JERSEY 07090</p>											
ATTORNEY DOCKET NUMBER:	OSTEONICS 3.0-425 CCCCCC										
NAME OF SUBMITTER:	RAYMOND W. AUGUSTIN										
Signature:	/Raymond W. Augustin/										

Date:

02/11/2014

**Total Attachments: 4**

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## ASSIGNMENT OF UTILITY APPLICATION

Docket Number (Optional)

OSTEONICS 3.0-425 CONT

Whereas, I, Aiguo Wang of  
4 Greenbrier Ct.; Wayne, New Jersey 07470

hereafter referred to as assignor, have with others invented certain new and useful improvements in  
SEQUENTIALLY CROSS-LINKED POLYETHYLENE

☒ for which an application for a United States Letters Patent was filed on October 4, 2004  
 Application Number 10/957,782

☐ for which an application for a United States Letters Patent was executed by me on \_\_\_\_\_,  
 and \_\_\_\_\_

Whereas, Howmedica Osteonics Corp.  
 a corporation of New Jersey herein referred to as "assignee" whose mailing address is  
325 Corporate Drive; Mahwah, New Jersey 07430

is desirous of acquiring the entire right, title and interest in the same;

NOW, THEREFORE, in consideration of the sum of one dollars (\$ 1.00 ), 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 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.

I, as assignor, hereby assign to said assignee all of my right, title and interest in United States Provisional Application No. 60/386,660, filed June 6, 2002, and in the invention disclosed thereto in all countries of the world including the right to claim priority or benefit of said Application No. 60/386,660 pursuant to any law or treaty in the countries of the world.

09-21-2004  
 (Date)

(Signature)  
 Aiguo Wang  
 (Signature)

(Signature)  
 (Witness)

☒

\*Total of 4 forms are submitted.

**JEAN M. HALAT**  
 NOTARY PUBLIC OF NEW JERSEY  
 Commission Expires 2/19/2009

## ASSIGNMENT OF UTILITY APPLICATION

Docket Number (Optional)  
OSTEONICS 3.0-425 CONT

Whereas, I, John H. Dumbleton of  
512 E. Saddle River Road; Ridgewood, New Jersey 07450

hereafter referred to as assignor, have with others invented certain new and useful improvements in

SEQUENTIALLY CROSS-LINKED POLYETHYLENE

☒ for which an application for a United States Letters Patent was filed on October 4, 2004  
Application Number 10/957,782

☐ for which an application for a United States Letters Patent was executed by me on \_\_\_\_\_  
and

Whereas, Howmedica Osteonics Corp.  
a corporation of New Jersey herein referred to as "assignee" whose mailing address is  
325 Corporate Drive; Mahwah, New Jersey 07430

is desirous of acquiring the entire right, title and interest in the same;

NOW, THEREFORE, in consideration of the sum of one dollars (\$ 1.00 ), 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 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.

I, as assignor, hereby assign to said assignee all of my right, title and interest in United States Provisional Application No. 60/386,660, filed June 6, 2002, and in the invention disclosed thereto in all countries of the world including the right to claim priority or benefit of said Application No. 60/386,660 pursuant to any law or treaty in the countries of the world.

9-29-2004

(Date)


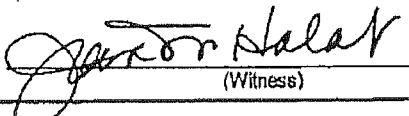
John H. DumbletonJohn H. Dumbleton  
(Signature)

CHARLENE SEQUEA  
NOTARY PUBLIC OF NEW JERSEY  
Commission Expires 4/25/2007

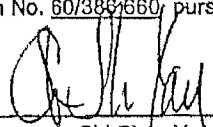
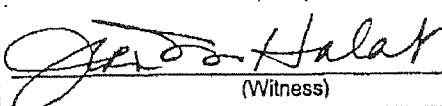
Charlene Sequea  
(Witness)

☒ \*Total of 4 forms are submitted.

LD-530\

<b>ASSIGNMENT OF UTILITY APPLICATION</b>	Docket Number (Optional) <b>OSTEONICS 3.0-425 CONT</b>
<p>Whereas, I, <u>Aaron Essner</u> of <u>30 Vreeland Avenue; Bloomingdale, New Jersey 07403</u></p> <p>hereafter referred to as assignor, have with others invented certain new and useful improvements in <u>SEQUENTIALLY CROSS-LINKED POLYETHYLENE</u></p> <p><input checked="" type="checkbox"/> for which an application for a United States Letters Patent was filed on <u>October 4, 2004</u>  Application Number <u>10/957,782</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 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 No. _____, filed <u>June 6, 2002</u>, and in the invention disclosed thereto in all countries of the world including the right to claim priority or benefit of said Application No. _____ 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: 20px;"> <div style="text-align: center;"> <u>9/21/04</u>  (Date) </div> <div style="text-align: center;">   Aaron Essner  (Signature) </div> </div> <div style="display: flex; justify-content: space-between; align-items: flex-end; margin-top: 20px;"> <div style="text-align: center;">   (Witness) </div> </div>	
<input checked="" type="checkbox"/> *Total of <u>4</u> forms are submitted.	

**JEAN M. HALAT**  
**NOTARY PUBLIC OF NEW JERSEY**  
Commission Expires 2/19/2009

<b>ASSIGNMENT OF UTILITY APPLICATION</b>	Docket Number (Optional) <b>OSTEONICS 3.0-425 CONT</b>
<p>Whereas, I, <u>Shi-Shen Yau</u> of  <u>22 Baldwin Drive; Berkeley Heights, New Jersey 07922</u>  hereafter referred to as assignor, have with others invented certain new and useful improvements in  <u>SEQUENTIALLY CROSS-LINKED POLYETHYLENE</u>  <input checked="" type="checkbox"/> for which an application for a United States Letters Patent was filed on <u>October 4, 2004</u>  Application Number <u>10/957,782</u>  <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  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 No. <u>60/386,660</u>, filed <u>June 6, 2002</u>, and in the invention disclosed thereto in all countries of the  world including the right to claim priority or benefit of said Application No. <u>60/386,660</u> pursuant to any law or  treaty in the countries of the world.</p> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div style="text-align: center;"> <u>9/21/04</u>  (Date) </div> <div style="text-align: center;">   Shi-Shen Yau  (Signature) </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div style="text-align: center;">   (Witness) </div> </div>	
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