

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT2766872

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
AIGUO WANG	03/11/2014
MATTHEW P. POGGIE	03/10/2014
NICHOLAS NAI GUANG DONG	03/11/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	HOWMEDICA OSTEONICS CORP.
<b>Street Address:</b>	325 CORPORATE DRIVE
<b>City:</b>	MAHWAH
<b>State/Country:</b>	NEW JERSEY
<b>Postal Code:</b>	07430
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	13788442
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(908)654-7866
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	(908) 518-6318
<b>Email:</b>	Assignment@ldlkm.com
<b>Correspondent Name:</b>	LDLK&M
<b>Address Line 1:</b>	600 SOUTH AVENUE WEST
<b>Address Line 4:</b>	WESTFIELD, NEW JERSEY 07090
<b>ATTORNEY DOCKET NUMBER:</b>	OSTEONICS 3.0-825
<b>NAME OF SUBMITTER:</b>	RAYMOND W. AUGUSTIN
<b>SIGNATURE:</b>	/Raymond W. Augustin/
<b>DATE SIGNED:</b>	03/13/2014
<b>Total Attachments: 3</b>	
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ASSIGNMENT OF UTILITY APPLICATION

Docket Number (Optional)

OSTEONICS 3.0-825

Whereas, I, Aiguo Wang of 4 Greenbrier Court, Wayne, New Jersey 07470

hereafter referred to as assignor, have with others invented certain new and useful improvements in PARTIALLY POROUS BONE IMPLANT KEEL

for which an application for a United States Letters Patent was filed on March 7, 2013  
Application Number 13/788,442

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

for which an International Application was filed on \_\_\_\_\_, as

\_\_\_\_\_ , designating the United States.

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 dollar (\$ 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 all claims for damages by reason of past infringement with the right to sue for and collect the same for its own use and the use of its successors, assigns and legal representatives, 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.

And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application when known.

3-11-2014  
Date

[Signature]  
Aiguo Wang

[Signature]  
Witness

ASHLEY SALERNO  
Typed Name of Witness

\*Total of 2 forms are submitted.

LD-315V

3298466

ASSIGNMENT OF UTILITY APPLICATION

Docket Number (Optional)

OSTEONICS 3.0-825

Whereas, I, Matthew P. Poggie of 545 Park Street; Montclair, New Jersey 07043

hereafter referred to as assignor, have with others invented certain new and useful improvements in PARTIALLY POROUS BONE IMPLANT KEEL

[X] for which an application for a United States Letters Patent was filed on March 7, 2013 Application Number 13/788,442

[ ] 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, continuation-in-part, 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.

And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application when known.

3/10/14 (Date)

[Signature] (Signature)

State of New Jersey ) SS: County of Bergen )

On this 10 day of March, 2014 before me personally came the above-named Matthew P. Poggie, to me personally known as the individual who executed the foregoing instrument, who acknowledged to me that the same was executed by him/her of his/her own free will for the purposes therein set forth.

[Signature] (Notary Public)

[X] \*Total ASHLEY M. GIBSON submitted.

NOTARY PUBLIC OF NEW JERSEY My Commission Expires 7/31/2018

<b>ASSIGNMENT OF UTILITY APPLICATION</b>	Docket Number (Optional) OSTEONICS 3.0-825
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Whereas, I, Nicholas Nai Guang Dong of 46 Donato Drive; Little Falls, New Jersey 07424

hereafter referred to as assignor, have with others invented certain new and useful improvements in PARTIALLY POROUS BONE IMPLANT KEEL

for which an application for a United States Letters Patent was filed on March 7, 2013  
Application Number 13/788,442

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

for which an International Application was filed on \_\_\_\_\_, as

\_\_\_\_\_ , designating the United States.

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 dollar (\$ 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 all claims for damages by reason of past infringement with the right to sue for and collect the same for its own use and the use of its successors, assigns and legal representatives, 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.

And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application when known.

3/11/2014  
Date

Nicholas Nai Guang Dong  
Nicholas Nai Guang Dong

Ashley M Saleo  
Witness

Ashley M Saleo  
Typed Name of Witness

\*Total of 2 forms are submitted.