

PATENT ASSIGNMENT

Electronic Version v08

Stylesheet Version v02

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT OF ASSIGNOR'S INTEREST

CONVEYING PARTY DATA

Name	Execution Date
Nicholas Nai Guang Dong	2006-03-14
Aiguo Wang	2006-03-14
Eric Jones	2006-03-31
Gregory E. Plaskon	2006-03-14

RECEIVING PARTY DATA

Name	Street Address	Internal Address	City	State/Country	Postal Code
Howmedica Osteonics Corp.	325 Corporate Drive		Mahwah	NJ	07430

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number	11317229

CORRESPONDENCE DATA

FAX NUMBER: (908) 654-7866

*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*

When the customer number has been provided, the Office of Public Records will obtain the correspondence data from the official record on file at the USPTO.

CUSTOMER NUMBER: 000530

NAME OF PERSON SIGNING:

Joseph F. Bender-Zanoni

DATE SIGNED:

2006-04-24

Total Attachments: 4

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CH \$40.00 121095 11317229

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PATENT  
REEL: 017533 FRAME: 0673

**ASSIGNMENT OF UTILITY APPLICATION**

Docket Number (Optional)

OSTEONICS 3.0-536

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

GRADIENT POROUS IMPLANT

☒ for which an application for a United States Letters Patent was filed on December 23, 2005  
 Application Number 11/317,229

☐ 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.

3/14/2006  
 (Date)

Nicholas Nai Guang Dong  
 (Signature)

State of NEW JERSEY ) SS:  
 County of BERGEN )

On this 14th day of MARCH, 2006 before me personally came the above-named Nicholas Nai Guang Dong, 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.

Jean M. Halat  
 (Notary Public)

☒ \*Total of 4 forms are submitted.

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

OSTEONICS 3.0-536 - ASSIGNMENTS.DOC

**PATENT**  
**REEL: 017533 FRAME: 0674**

<b>ASSIGNMENT OF UTILITY APPLICATION</b>	Docket Number (Optional) <b>OSTEONICS 3.0-536</b>
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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 GRADIENT POROUS IMPLANT

☒ for which an application for a United States Letters Patent was filed on December 23, 2005  
Application Number 11/317,229

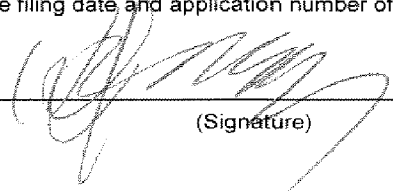
☐ for which an application for a United States Letters Patent was executed by me on \_\_\_\_\_ and \_\_\_\_\_

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.

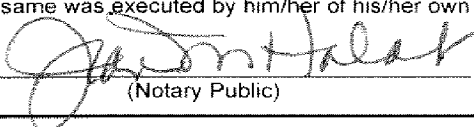
And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application when known.

3-14-2006  
(Date)

  
(Signature)

State of NEW JERSEY ) SS:  
County of BERGEN )

On this 14th day of MARCH, 2006 before me personally came the above-named Aiguo Wang, 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.

  
(Notary Public)

☒ \*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 3.0-536

Whereas, I, Eric Jones of  
Ardlahan, Kildimo Co.; Limerick; IRELAND

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

☒ for which an application for a United States Letters Patent was filed on December 23, 2005  
Application Number 11/317,229

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

Whereas, Howmedica Osteonics Corp.  
a corporation of \_\_\_\_\_ 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.

March 31<sup>st</sup> 2006  
(Date)

[Signature]  
(Signature)

State of Limerick ) SS:  
County of Ireland )

On this 31<sup>st</sup> day of March, 2006 before me personally came the above-named Eric Jones, 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)

☒ \*Total of 4 forms are submitted.

LD-528

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**PATENT**  
**REEL: 017533 FRAME: 0676**

**ASSIGNMENT OF UTILITY APPLICATION**

Docket Number (Optional)

OSTEONICS 3.0-536

Whereas, I, Gregory E. Plaskon of  
42 Tancin Lane; Clifton, New Jersey 07013

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

☒ for which an application for a United States Letters Patent was filed on December 23, 2005  
 Application Number 11/317,229

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

Whereas, Howmedica Osteonics Corp.  
 a corporation of \_\_\_\_\_ 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.

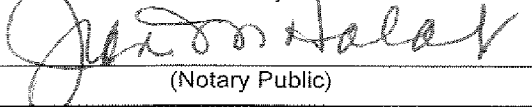
And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application when known.

MARCH 14, 2006  
 (Date)

  
 (Signature)

State of NEW JERSEY ) SS:  
 County of BERGEN )

On this 14<sup>th</sup> day of MARCH, 2006 before me personally came the above-named Gregory E. Plaskon, 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.

  
 (Notary Public)

☒ \*Total of 4 forms are submitted.

LD-528;

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

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