

07-17-2002

Form PTO-1595  
(Rev. 03/01)  
OMB No. 0651-0027 (exp. 5/31/2002)

7-15-02

REI



U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

102157476

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof

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

Brian Edwards, Paul Higham, and Joseph Zitelli

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

## 3. Nature of Conveyance:

☐ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☒ Other Corrective Document  
Reel/Frame 011281/0032

Execution Date: July 8, 2002

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

Name: Howmedica Osteonics Corp.

Internal Address:

Street Address:

59 Route 17

City: Allendale

State: NJ

Zip: 07401

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

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

If this document is being filed together with a new application, the execution date of the new application is:

A. Patent Application No.(s):

09/699,662

B. Patent No.(s):

Additional numbers attached? ☐ Yes ☒ No

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

Name: Raymond W. Augustin  
LERNER, DAVID, LITTENBERG, KRUMHOLZ &  
MENTLIK, LLP

Internal Address:

Street Address: 600 South Avenue West

City:  
Westfield

State: NJ Zip: 07090

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

7. Total fee (37 CFR 3.41) \$ 40.00

☐ Enclosed

☒ Authorized to be charged to deposit account

☐ Authorized to be charged to credit card  
(Form 2038 enclosed)

## 8. Deposit account number:

12-1095

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Raymond W. Augustin  
Name of Person Signing

Signature

July 9, 2002  
Date

Total number of pages including cover sheet, attachments, and documents: 4

07/25/2002 DBYRNE 00000123 121095 09699662

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PATENT  
REEL: 012922 FRAME: 0785

12-01-2000

FORM PTO-1619A

Expires 06/30/00  
OMB 0651-0027

101534483

U.S. Department of Commerce  
Patent and Trademark Office

PATENT

JUL 17 2000 PTO  
/699662

10/30/00

RECORDATION FORM COVER SHEET  
PATENTS ONLY

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

## Submission Type

☒ New  
☐ Resubmission (Non-Recordation)  
Document ID# ☐ Correction of PTO Error  
Reel #  Frame # ☐ Corrective Document  
Reel #  Frame # 

## Conveyance Type

☒ Assignment ☐ Security Agreement☐ License ☐ Change of Name☐ Merger ☐ Other 

U.S. Government

(For Use ONLY by U.S. Government Agencies)

☐ Departmental File ☐ Secret File

## Conveying Party(ies)

☒ Mark if additional names of conveying parties attached

Name (line 1) Edwards, Brian

Execution Date  
Month Day Year  
10182000

Name (line 2)

## Second Party

Name (line 1) Higham, Paul

Execution Date  
Month Day Year  
10182000

Name (line 2)

## Receiving Party

☐ Mark if additional names of receiving parties attached

Name (line 1) Howmedica Osteonics Corp.

Name (line 2) a New Jersey corporation

Address (line 1) 59 Route 17

Address (line 2)

Address (line 3) Allendale

New Jersey

07401

City

State/Country

Zip Code

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

## Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

000007 101095 09699662

FOR OFFICE USE ONLY

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20543. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practices. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

PATENT  
REEL: 012922 FRAME: 0786

**COORDINATION FORM COVER SHEET  
CONTINUATION  
PATENTS ONLY**

U.S. Department of Commerce  
Patent and Trademark Office  
**PATENT**

**Conveying Party(ies)**

☐ Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1) Zitelli, Joseph

Name (line 2) \_\_\_\_\_

Name (line 1) \_\_\_\_\_

Name (line 2) \_\_\_\_\_

Name (line 1) \_\_\_\_\_

Name (line 2) \_\_\_\_\_

Execution Date  
Month Day Year

10 18 2000

Execution Date  
Month Day Year

Execution Date  
Month Day Year

**Receiving Party(ies)**

☐ Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1) \_\_\_\_\_

Name (line 2) \_\_\_\_\_

Address (line 1) \_\_\_\_\_

Address (line 2) \_\_\_\_\_

Address (line 3) \_\_\_\_\_

City State/Country Zip Code

Name (line 1) \_\_\_\_\_

Name (line 2) \_\_\_\_\_

Address (line 1) \_\_\_\_\_

Address (line 2) \_\_\_\_\_

Address (line 3) \_\_\_\_\_

City State/Country Zip Code

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

**Application Number(s) or Patent Number(s)**

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

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**Correspondent Name and Address**

Area Code and Telephone Number **908-654-5000**

Name **LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP**

Address (line 1) **600 South Avenue West**

Address (line 2) **Westfield NJ 07090**

Address (line 3)

Address (line 4)

**Pages**

Enter the total number of pages of the attached conveyance document including any attachments.

# **1**

**Application Number(s) or Patent Number(s)**

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

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If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year  
**10 18 2000**

**Patent Cooperation Treaty (PCT)**

Enter PCT application number  
only if a U.S. Application Number  
has not been assigned.

PCT  PCT  PCT   
PCT  PCT  PCT

**Number of Properties**

Enter the total number of properties involved.

# **1**

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41): \$ **40.00**

Method of Payment:  
Deposit Account

Enclosed ☐ Deposit Account ☒

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

# **12-1095**

Authorization to charge additional fees:

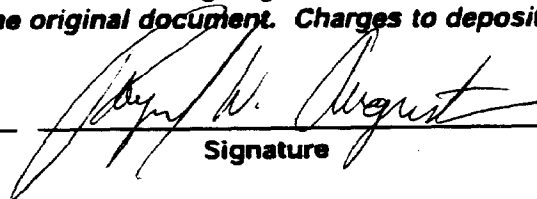
Yes ☒ No ☐

**Statement and Signature**

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

**Raymond W. Augustin**

Name of Person Signing



Signature

**October 30, 2000**

Date

# ASSIGNMENT

WHEREAS, BRIAN EDWARDS, a citizen of the United States, residing at 43 Cherbourg Drive, West Milford, New Jersey 07480 and PAUL HIGHAM, a citizen of the United States, residing at 27 Bearfort Terrace, Ringwood, New Jersey 07456 and JOSEPH ZITELLI, a citizen of the United States, residing at 187 Welb Avenue, River Edge, New Jersey 07661, as assignors, have invented improvements in:

## **POROUS CALCIUM PHOSPHATE CEMENT**

for which an Application for United States Letters Patent has been executed by us on October 18, 2000.

AND WHEREAS, HOWMEDICA OSTEONICS CORP., a New Jersey Corporation, having a place of business at 59 Route 17, Allendale, New Jersey, as assignee, is desirous of acquiring all right, title and interest in and to said invention and any Letters Patent that may be granted therefor.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration as set forth in a corresponding agreement, the receipt of which is hereby acknowledged, we as assignors hereby sell, assign and set over to said assignee the entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid application for Letters Patent, 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, and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all Letters Patent on said invention and all assignments thereof to said assignee herein, as assignee of the entire interest therein; and the undersigned for us and our legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, except as set forth in said corresponding agreement, to execute and deliver all divisional, continuation, reissue and other applications for Letters Patent on said invention 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 invention, 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 invention in all countries, the expenses incident to said applications to be borne and paid by said assignee.

10-18-00

Date

Brian Edwards  
BRIAN EDWARDS

Patricia Szabo  
Witness

10.18.00

Date

P. Higham  
PAUL HIGHAM

Patricia Szabo  
Witness

10/18/00

Date

Joseph Zitelli  
JOSEPH ZITELLI

**ASSIGNMENT OF UTILITY APPLICATION**

Docket Number (Optional)

OSTEONICS 3.0-278

Whereas, I, Paul Higham of  
27 Bearfort Terrace; Ringwood, New Jersey 07456

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

- ☒ for which an application for a United States Letters Patent was filed on October 30, 2000  
 Application Number 09/699,662
- ☐ 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

59 Route 17; Allendale, New Jersey 07401

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.

Jun 28/02  
 (Date)  
[Signature]  
 (Witness)

[Signature]  
 Paul Higham  
 (Signature)

☒ \*Total of 3 forms are submitted.

**ASSIGNMENT OF UTILITY APPLICATION**

Docket Number (Optional)

OSTEONICS 3.0-278

Whereas, I, Brian Edwards of  
43 Cherbourg Drive; West Milford, New Jersey 07480

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

☒ for which an application for a United States Letters Patent was filed on October 30, 2000  
 Application Number 09/699,662

☐ 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  
59 Route 17; Allendale, New Jersey 07401

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.

10-28-02  
 (Date)

Brian Edwards  
 Brian Edwards  
 (Signature)

[Signature]  
 (Witness)

☒ \*Total of 3 forms are submitted.

**ASSIGNMENT OF UTILITY APPLICATION**

Docket Number (Optional)

OSTEONICS 3.0-278

Whereas, I, Joseph Zitelli of  
187 Webb Avenue; River Edge, New Jersey 07661

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

☒ for which an application for a United States Letters Patent was filed on October 30, 2000

Application Number 09/699,662

☐ 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

59 Route 17; Allendale, New Jersey 07401

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.

7/8/02  
 (Date)

Joseph Zitelli  
 (Signature)

Susan B Coyle  
 (Witness)

☒ \*Total of 3 forms are submitted.