

Form PTO-1595 (Rev. 09/04)
OMB No. 0651-0027 (exp. 6/30/2005)

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

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)/Execution Date(s):

MATTHEW E. MURPHY (6/9/2005), CILLÍN P. CLEERE (6/9/2005), BRIAN J. HESS (6/6/2005), AND GERARD M. INSLEY (6/20/2005)

Execution Date(s): in parentheses after inventor name

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

3. Nature of Conveyance:

- ☐ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License

- ☒ Other
1. Confirmatory Assignment reflecting correction to Assignment recorded at reel/frame 016543/0939: Please change Assignee name and address as noted on this form.
 2. Original Assignments
 3. Original Notice of Recordation with incorrect assignee name and address

2. Name and address of receiving party(ies)

Name: HOWMEDICA LEIBINGER, INC.

Internal Address: _____

Street Address: _____

750 TRADE CENTER WAY
SUITE 200

City: PORTAGE

State: MICHIGAN

Country: United States of America Zip: 49002

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

4. Application or patent number(s):

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

A. Patent Application No.(s)

11/102,254

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Kelly Y. Hwang
LERNER, DAVID, LITTENBERG,
KRUMHOLZ & MENTLIK, LLP

Internal Address: Atty. Dkt.: SYKDEV 3.0-003

Street Address: 600 South Avenue West

City: Westfield

State: NJ Zip: 07090

Phone Number: (908) 654-5000

Fax Number: (908) 654-0415

Email Address: khwang@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 by credit card
☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

- a. Credit Card Last 4 Numbers _____
Expiration Date _____
b. Deposit Account Number 12-1095
Authorized User Name Kelly Y. Hwang

9. Signature:



Signature

January 9, 2006

Date

Kelly Y. Hwang - 51,831

Name of Person Signing

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

10

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CH \$40.00 121096 11102264

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PATENT
REEL: 017170 FRAME: 0372

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9/16/05 8:29

PAGE 004/004

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07/18/2005
700195964Form PTO-1595 (Rev. 09/04)
OMB No. 0581-0027 (exp. 6/30/2005)U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark OfficeRECORDATION FORM COVER SHEET
PATENTS ONLY

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MATTHEW E. MURPHY (06/09/2005),
CILLIN P. CLEERB (06/09/2005),
BRIAN J. HESS (06/06/2005), AND
GERARD M. INSLEY (06/20/2005)

Execution Date(s): In parentheses after inventor name

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

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

HOWMEDICAL LEIBINGER, INC. D/B/A
A CORPORATION OF STRYKER
LEIBINGER MICRO IMPLANTS

Name:

Internal Address: _____

Street Address: _____

4280 COMMERCIAL AVENUE

City: PORTAGE

State: MICHIGAN

Country: United States of America Zip: 49002

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

4. Application or patent number(s):

A. Patent Application No.(s)
11/102,254☐ 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: Kelly Y. Hwang
LERNER, DAVID, LITTENBERG,
KRUMHOLZ & MENTLIK, LLP

Internal Address: Atty. Del:

Street Address: 600 South Avenue West

City: Westfield

State: NJ Zip: 07090

Phone Number: (908) 854-5000

Fax Number: (908) 854-7869

Email Address: khwang@ldlkm.com

6. Total number of applications and patents involved:

1

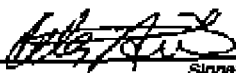
7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

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☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____b. Deposit Account Number 12-1095
Authorized User Name Kelly Y. Hwang

9. Signature:



Signature

July 18, 2005

Date

Kelly Y. Hwang - 51,831

Name of Person Signing

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

5

580369_1.DOC

CH \$40.00 121095 11102254

PATENT

09/16/2005 FRI 08:29 CTX/BX NO 61371 2004

REEL: 017170 FRAME: 0373

CONFIRMATORY ASSIGNMENT


This Confirmatory Assignment is made by MATTHEW E. MURPHY of Stryker Orthopaedics, Raheen Business Park, Limerick, Ireland, CILLÍN P. CLEERE of Stryker Orthopaedics, Raheen Business Park, Limerick, Ireland, BRIAN J. HESS of 4280 Commercial Avenue, Portage, Michigan 49002, and GERARD M. INSLEY of Stryker Orthopaedics, Raheen Business Park, Limerick, Ireland (the "ASSIGNORS"), in favor of HOWMEDICA LEIBINGER, INC., a Howmedica corporation having an office and a place of business at 750 Trade Center Way, Suite 200, Portage, Michigan 49002 (the "ASSIGNEE").

WHEREAS, pursuant to Patent Assignments dated June 9, 2005, June 9, 2005, June 6, 2005 and June 20, 2005, respectively, ASSIGNORS assigned all of their right, title and interest in and to U.S. Utility Application No. 11/102,254 to ASSIGNEE, the Patent Assignments having been recorded at the U.S. Patent and Trademark Office on July 18, 2005 at Reel 016543, Frame 0939; and whereas, the ASSIGNEE was improperly identified as "HOWMEDICAL LEIBINGER, INC. D/B/A A CORPORATION OF STRYKER LEIBINGER MICRO IMPLANTS," rather than "HOWMEDICA LEIBINGER, INC."

NOW, THEREFORE, ASSIGNORS hereby confirm that the above-stated Patent Assignments dated June 9, 2005, June 9, 2005, June 6, 2005 and June 20, 2005, respectively, was intended to and did assign all right, title and interest in and to the invention and application to ASSIGNEE as set forth in such assignments, and that all other rights, covenants and obligations set forth in such assignments were made to ASSIGNEE; and to the extent that such right, title and interest, and such other rights, covenants and obligations, are not considered to have been assigned, transferred and set over to ASSIGNEE, ASSIGNORS hereby assign unto ASSIGNEE, *nunc pro tunc* ("now for then"), all of their right, title and interest in and to the aforesaid patent and patent application, and all other rights, covenants and

obligations, to ASSIGNEE to the same extent as set forth in the above-stated assignment, and further including the right to pursue and collect past damages for ASSIGNEE's own use and behoof.

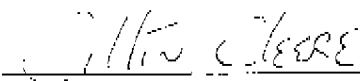
ASSIGNORS

By: 
Matthew E. Murphy

Date: 19th Dec '05

Witness: 


KEVIN MADDEN
Printed Name of Witness

By: 
Cillian P. Cleere


Date: 19/12/05

Witness: 

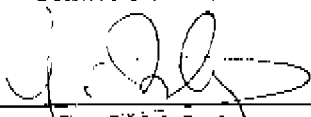
KEVIN MADDEN
Printed Name of Witness

By: 
Brian J. Hess

Date: 19th Dec '05

Witness: 

KEVIN MADDEN
Printed Name of Witness

By: 
Gerard M. Insley

Date: 19/Dec/05

Witness: 

KEVIN MADDEN
Printed Name of Witness

former PTO/SB/15 (8-00) Modified LDLKM

ASSIGNMENT OF UTILITY APPLICATION	Docket Number (Optional) LEIBINGER 3.0-001
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Whereas, I, Matthew E. Murphy of Stryker Orthopaedics; Raheen Business Park; Limerick; IRELAND hereafter referred to as assignor, have with others invented certain new and useful improvements in CALCIUM PHOSPHATE CEMENT

☒ for which an application for a United States Letters Patent was filed on April 8, 2005
Application Number 11/102,254


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

Howmedica Leibinger, Inc.

Whereas, Howmedica Leibinger, Inc. d/b/a a corporation of Stryker Leibinger Micro Implants a corporation of _____ herein referred to as "assignee" whose mailing address is 4260 Commercial Avenue, Portage, Michigan 49002 is desirous of acquiring the entire right, title and interest in the same;

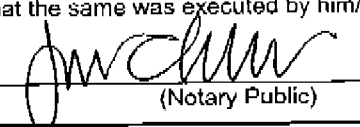
NOW, THEREFORE, in consideration of the sum of one dollars (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said assignee my entire right, title and interest for the United States of America and all other countries 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.

9th June 2005 (Date)

(Signature)

State of ~~LIMERICK~~ MICHIGAN SS:
County of ~~LIMERICK~~ KALAMAZOO

On this 9th day of JUNE, 2005 before me personally came the above-named Matthew E. Murphy, 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.

FD-528

former PTO/SB/15 (8-00) Modified LDLKM

ASSIGNMENT OF UTILITY APPLICATION

Docket Number (Optional)

LEIBINGER 3.0-001

Whereas, I, Brian J. Hess of
4280 Commercial Avenue; Portage, Michigan 49002

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

CALCIUM PHOSPHATE CEMENT

☒ for which an application for a United States Letters Patent was filed on April 8, 2005
 Application Number 11/102,254

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

Whereas, Howmedical Leibinger, Inc. d/b/a a corporation of Stryker Leibinger Micro Implants
 a corporation of _____ herein referred to as "assignee" whose mailing address is

4280 Commercial Avenue; Portage, Michigan 49002

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, wherever 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.

June 6, 2005
 (Date)

Brian Hess
 (Signature)

State of MICHIGAN) SS:
 County of KALAMAZOO)

On this 6th day of JUNE, 2005 before me personally came the above-named Brian J. Hess, 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.

11D-5286

PATENT
REEL: 017170 FRAME: 0378

former PTO/SB/15 (8-00) Modified to K&M

ASSIGNMENT OF UTILITY APPLICATION	Docket Number (Optional) LEIBINGER 3.0-001
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Whereas, I, Gerard M. Insley of
Stryker Orthopaedics; Raheen Business Park; Raheen; Limerick; IRELAND
 hereafter referred to as assignor, have with others invented certain new and useful improvements in
CALCIUM PHOSPHATE CEMENT
☒ for which an application for a United States Letters Patent was filed on April 8, 2005
 Application Number 11/102,254
☐ for which an application for a United States Letters Patent was executed by me on _____
 and _____

Whereas, Howmedical Leibinger, Inc. d/b/a a corporation of Stryker Leibinger Micro Implants
 a corporation of _____ herein referred to as "assignee" whose mailing address is
4280 Commercial Avenue; Portage, Michigan 49002
 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.

20/06/05 (Date) [Signature] (Signature)

State of MICHIGAN) SS:
 County of KALAMAZOO)

On this 20th day of JUNE, 2005 before me personally came the above-named Gerard M. Insley,
 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.

567153