

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):

Andrew R. Sennett  
William Harwick Gruber  
Joseph Ernest Richard

Execution Date(s) 6/1/2005, 6/6/2005

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)

Name: Soteira, Inc.

Internal Address: \_\_\_\_\_

Street Address: 980 Washington Street

Suite 328

City: Dedham

State: MA

Country: \_\_\_\_\_ Zip: 02026

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

4. Application or patent number(s):

A. Patent Application No.(s) 11/105,783,

☐ 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: Kimberly B. Whitehead

Burns & Levinson LLP

Internal Address: \_\_\_\_\_

Street Address: 1030 Fifteenth Street, N.W.

Suite 300

City: Washington

State: DC Zip: 20005-1501

Phone Number: (202) 842-0431

Fax Number: (202) 467-4045

Email Address: fcw@burnslev.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 50-2383

Authorized User Name Kimberly Whitehead

9. Signature: \_\_\_\_\_

Signature

Kimberly B. Whitehead  
Name of Person Signing

July 27, 2005

Date

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

3

CH \$40.00 502383 11105783

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

Attorney Docket No. 921.01.23

**ASSIGNMENT OF PATENT APPLICATION**

FOR GOOD AND VALUABLE CONSIDERATION,

We, the undersigned (each) have agreed and hereby agree to assign for good and valuable consideration, receipt of which is hereby expressly acknowledged, and do hereby sell, assign and transfer unto

Soteira, Inc.

a corporation organized under the laws of the state of Delaware as Assignee, and its successors, assigns and legal representatives, the entire right, title and interest, for all countries in and to certain inventions relating to

Cement-Directing Orthopedic Implants

described in an application for Letters Patent of the United States, identified as Attorney Docket No. 921.01.23, at Burns & Levinson LLP, 1030 Fifteenth Street, N.W., Suite 300, Washington, DC 20005-1501 and filed on 4/14/2005, as Application Serial No. 11/105,783, and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part, divisionals, and renewals of and substitutes for said application for said Letters Patent, and all the rights and privileges under any and all Letters Patent that may be granted therefor in any country, and any reissues, or reexaminations, or extensions of said Letters Patent. We request that any and all Letters Patent for said inventions be issued to said Assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

We agree that, when requested, we will, without charge to said Assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said Assignee, its successors, assigns and legal representatives or nominees.

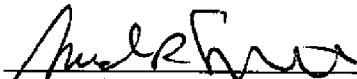
We authorize and empower the said Assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said Assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International convention which may henceforth be substituted for it.

We hereby authorize Frederick C. Williams, attorney for Assignee, to insert the filing date and Serial number into the first paragraph of this assignment, after the application for Letters Patent has been filed, and the U.S. Patent Office has assigned such application a Serial Number.

We covenant with said Assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

IN WITNESS WHEREOF, we have hereunto signed our names on the day and year set forth below.



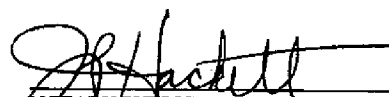
Inventor's Signature

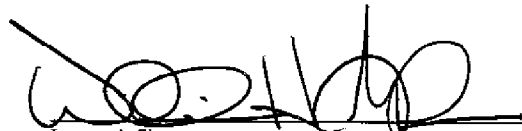
6-1-05  
DATE

Andrew R. Sennett  
Inventor's Printed Name

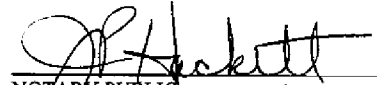

STATE OF Massachusetts  
COUNTY OF Norfolk ) SS

On this 1st day of JUNE, 2005, before me personally came the above named Andrew R. Sennett who is personally known by me or proved to me on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment, and who acknowledged to me that he/she executed the same of his/her own free will for the use and purposes therein set forth.

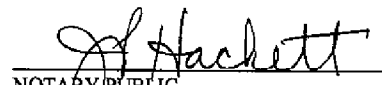
  
NOTARY PUBLIC  
My Commission Expires: 8/2006

  
Inventor's Signature6-1-05  
DATEWilliam Harwick Gruber  
Inventor's Printed NameSTATE OF Massachusetts,  
COUNTY OF Norfolk ) SS

On this 1st day of JUNE, 2005, before me personally came the above named William Harwick Gruber who is personally known by me or proved to me on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment, and who acknowledged to me that he/she executed the same of his/her own free will for the use and purposes therein set forth.

  
NOTARY PUBLIC  
My Commission Expires: 8/2006  
Inventor's Signature6-JUNE-2005  
DATEJoseph Ernest Richard  
Inventor's Printed NameSTATE OF Massachusetts,  
COUNTY OF Norfolk ) SS

On this 1st day of JUNE, 2005, before me personally came the above named Joseph Ernest Richard who is personally known by me or proved to me on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment, and who acknowledged to me that he/she executed the same of his/her own free will for the use and purposes therein set forth.

  
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My Commission Expires: 8/2006