

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT																
NATURE OF CONVEYANCE:	ASSIGNMENT																
CONVEYING PARTY DATA																	
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Keith M. Faucher</td><td>01/30/2009</td></tr><tr><td>Hui Tang</td><td>01/27/2009</td></tr><tr><td>Joseph Ferraro</td><td>01/27/2009</td></tr><tr><td>Paul Martakos</td><td>02/02/2009</td></tr><tr><td>Steve A. Herweck</td><td>02/09/2009</td></tr><tr><td>Theodore Karwoski</td><td>02/02/2009</td></tr><tr><td>Scott E. Corbeil</td><td>01/28/2009</td></tr></tbody></table>	Name	Execution Date	Keith M. Faucher	01/30/2009	Hui Tang	01/27/2009	Joseph Ferraro	01/27/2009	Paul Martakos	02/02/2009	Steve A. Herweck	02/09/2009	Theodore Karwoski	02/02/2009	Scott E. Corbeil	01/28/2009	
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Scott E. Corbeil	01/28/2009																
RECEIVING PARTY DATA																	
Name:	Atrium Medical Corporation																
Street Address:	5 Wentworth Drive																
City:	Hudson																
State/Country:	NEW HAMPSHIRE																
Postal Code:	03051																
PROPERTY NUMBERS Total: 1																	
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12325546</td></tr></tbody></table>	Property Type	Number	Application Number:	12325546													
Property Type	Number																
Application Number:	12325546																
CORRESPONDENCE DATA																	
Fax Number: (617)742-4214 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																	
Phone: 617-227-7400																	
Email: nlt@lahive.com																	
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ATTORNEY DOCKET NUMBER:	ATA-453CP																

PATENT

500815179

REEL: 022439 FRAME: 0032

CH \$40.00 12325546

NAME OF SUBMITTER:

Sean D. Detweiler

**Total Attachments: 11**

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## ASSIGNMENT BY INVENTORS

WE, Keith M. FAUCHER; Hui TANG; Joseph FERRARO; Paul MARTAKOS; Steve A. HERWECK; Theodore KARWOSKI; and Scott E. CORBEIL, of Milford, New Hampshire; Acton, Massachusetts; Londonderry, New Hampshire; Pelham, New Hampshire; Nashua, New Hampshire; Hollis, New Hampshire; and Litchfield, New Hampshire, respectively, in consideration of One Dollar and other valuable consideration paid to us by

## ATRIUM MEDICAL CORPORATION

a Corporation of Delaware, having its principal place of business at 5 Wentworth Drive, Hudson, New Hampshire 03051, the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said

## ATRIUM MEDICAL CORPORATION

its successors and assigns, the entire interest for the United States of America and all foreign countries including all rights of priority under the International Convention for the Protection of Industrial Property in a certain invention or improvement in

## COSSS-LINKED FATTY ACID-BASED BIOMATERIALS

described in an application

☐ Executed by us of even date herewith and about to be filed

or

☒ Application No. 12/325,546, filed on December 1, 2008

This application claims the benefit of the following application(s):

☒ Provisional Application No. 61/104568, filed on October 10, 2008  
Continuation-in-Part Application No. 11/582135, filed on October 16, 2006  
Provisional Application No. 60/727312, filed on October 15, 2005  
Continuation-in-Part Application No. 11/237264, filed on September 28, 2005  
Provisional Application No. 60/613808, filed on September 28, 2004  
Continuation-in-Part Application No. 11/236908, filed on September 28, 2005  
Provisional Application No. 60/613745, filed on September 28, 2004

in the United States Patent and Trademark Office, and in all Letters Patent of the United States and all foreign countries which may or shall be granted on said invention, or any parts thereof, or on said application, or any divisional, continuing, reissue or other applications based in whole or in part thereon. And we agree, for ourselves and our executors and administrators, with said Corporation and its successors and assigns but at its or their expense and charges, hereafter to execute all applications, amended specifications, deed or other instrument, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and in

all other countries to said corporation, with specifications and claims in such form as shall be approved by the counsel of said Corporation and to vest and confirm in said corporation, its successors and assigns, the legal title to all such patents.

And we do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said corporation, its successors and assigns.

And we do further hereby grant the attorneys/agents of Lahive & Cockfield, LLP, the power to insert on this Assignment the filing date and/or application number of said application.

1/30/2009  
Date

*Keith M. Faucher*  
Keith M. Faucher

**Witness:**

1/30/09  
Date

*Muriel Descoteaux*

MURIEL DESCOTEAUX  
Notary Public, State of New Hampshire  
My Commission Expires Dec. 7, 2010

01/27/09

Date

  
Hui Tang

**Witness:**

1/27/09

Date



MURIEL DESCOTEAUX  
Notary Public, State of New Hampshire  
My Commission Expires Dec. 7, 2010

Date

1/27/09

Joseph Ferraro

**Witness:**

Date

1/27/09

Muriel Descoteaux

MURIEL DESCOTEAUX  
Notary Public, State of New Hampshire  
My Commission Expires Dec. 7, 2010

02/02/09  
Date

Paul Martakos  
Paul Martakos

**Witness:**

2/2/09  
Date

Muriel Descoteaux

MURIEL DESCOTEAUX  
Notary Public, State of New Hampshire  
My Commission Expires Dec. 7, 2010



Date

2/9/09

Steve A. Herweck

Witness:

Date

2/9/09

Muriel Descoteaux

MURIEL DESCOTEAUX  
Notary Public, State of New Hampshire  
My Commission Expires Dec. 7, 2010

2/2/09  
Date

  
Theodore Karwoski

**Witness:**

2/2/09  
Date



MURIEL DESCOTEAUX  
Notary Public, State of New Hampshire  
My Commission Expires Dec. 7, 2010

Jan 28, 2009

Date

Scott E. Corbeil

Scott E. Corbeil

**Witness:**

1/28/09

Date

Muriel Descoteaux

MURIEL DESCOTEAUX  
Notary Public, State of New Hampshire  
My Commission Expires Dec. 7, 2010

**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):**

Keith M. FAUCHER (01/30/2009),  
Hui TANG (01/27/2009),  
Joseph FERRARO (01/27/2009),

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

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

**ATRIUM MEDICAL  
CORPORATION**

Name: \_\_\_\_\_

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

Street Address: \_\_\_\_\_

**5 Wentworth Drive**

City: **Hudson**

State: **New Hampshire**

Country: **United States of America** Zip: **03051**

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

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s): in parentheses after inventor name

☒ Assignment ☐ Merger ☐ Change of Name

☐ Security Agreement ☐ Joint Research Agreement

☐ Government Interest Assignment

☐ Executive Order 9424, Confirmatory License

☐ Other \_\_\_\_\_

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

A. Patent Application No.(s)

**12/325,546**

☐ 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: **Kevin J. Canning**  
**LAHIVE & COCKFIELD, LLP**

Internal Address: **Atty. Dkt. ATA-453CP**

Street Address: **One Post Office Square**

City: **Boston**

State: **MA** Zip: **02109-2127**

Phone Number: **(617) 994-0732**

Fax Number: **(617) 742-4214**

Email Address: **lc@lahive.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 to deposit account

☐ Enclosed

☐ None required (government interest not affecting title)

**8. Payment Information**

Deposit Account Number **12-0080**

Authorized User Name **Kevin J. Canning**

**9. Signature:**

**/Sean D. Detweiler/**

Signature

**March 24, 2009**

Date

**Sean D. Detweiler – 42,482**

Name of Person Signing

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

**11**

**RECORDATION FORM COVER SHEET (PTO-1595)**  
**(supplemental sheet)**

**Additional Conveying Party(ies)/Execution Date(s) (1. Continued):**

Paul MARTAKOS (02/02/2009),  
Steve A. HERWECK (02/09/2009),  
Theodore KARWOSKI (02/02/2009), and  
Scott E. CORBEIL (01/28/2009)

**Additional Assignees (2. Continued):**

Assignee Name: \_\_\_\_\_

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

Street Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Country: \_\_\_\_\_ Zip: \_\_\_\_\_

Assignee Name: \_\_\_\_\_

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

Street Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Country: \_\_\_\_\_ Zip: \_\_\_\_\_

Assignee Name: \_\_\_\_\_

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

Street Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Country: \_\_\_\_\_ Zip: \_\_\_\_\_

**Additional Applications and/or Patents (4. Continued):**

Additional Patent Application Numbers

4A. Continued:

Additional Patent Numbers

4B. Continued:

Additional numbers attached?

☐ Yes

☐ No