

## PATENT ASSIGNMENT

Electronic Version v1.1  
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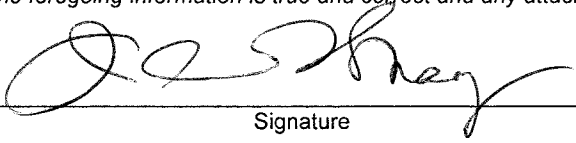
SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Shifamed, LLC	11/29/2011
RECEIVING PARTY DATA	
Name:	Shifamed Holdings, LLC
Street Address:	745A Camden Avenue
City:	Campbell
State/Country:	CALIFORNIA
Postal Code:	95008
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12823049
CORRESPONDENCE DATA	
Fax Number:	(650)212-7562
Phone:	650.212.1700
Email:	info@shayglenn.com
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
Correspondent Name:	Thomas M. Zlogar
Address Line 1:	Shay Glenn LLP
Address Line 2:	2755 Campus Drive, Suite 210
Address Line 4:	San Mateo, CALIFORNIA 94403
ATTORNEY DOCKET NUMBER:	10844-702.200
NAME OF SUBMITTER:	Thomas M. Zlogar, Reg. 55,760
Total Attachments: 5 source=10844-702-200-Asn-LLC-Holdings#page1.tif source=10844-702-200-Asn-LLC-Holdings#page2.tif source=10844-702-200-Asn-LLC-Holdings#page3.tif source=10844-702-200-Asn-LLC-Holdings#page4.tif source=10844-702-200-Asn-LLC-Holdings#page5.tif	

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# RECORDATION FORM COVER SHEET PATENTS ONLY

PATENT AND TRADEMARK OFFICE

TO THE HONORABLE DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE. PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF.

1. Name of conveying party(ies):  <b>SHIFAMED, LLC</b>  Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		2. Name and address of receiving party(ies):  Name: <b>SHIFAMED HOLDINGS, LLC</b> <b>745A Camden Avenue</b> <b>Campbell, CA 95008</b>	
3. Nature of Conveyance:  <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> <b>Other (execution date) 11/29/2011</b>		Name and address of receiving party(ies):  Name:  Street Address:  City: State: Zip:  Country: Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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 application is:			
A. Patent Application No.(s) – <b>12/823,049</b>  Title: <b>Steerable Medical Delivery Devices and Methods of Use</b>		B. Patent No.(s)	
Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
5. Name and address of party to whom correspondence concerning document should be mailed:  <b>Thomas M. Zlogar</b> <b>Shay Glenn LLP</b> <b>2755 Campus Drive, Suite 210</b> <b>San Mateo, CA 94403</b>		6. Total number of applications and patents involved: <u>1</u>	
		7. Total fee (37 CFR 3.41): \$40.00  <input type="checkbox"/> A check is enclosed that includes the total fee. <input checked="" type="checkbox"/> The \$40 fee is being paid by EFS.	
DO NOT USE THIS SPACE			
8. Statement and signature.  <i>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.</i>  <div style="display: flex; justify-content: space-between;"> <div> <b>James R. Shay, Reg. No. 32,062</b>            Name of Person Signing         </div> <div style="text-align: center;">             Signature         </div> <div style="text-align: right;"> <b>January 18, 2012</b>            Date         </div> </div> <div style="text-align: right; margin-top: 5px;">           Total number of pages including cover sheet, attachments, and documents:         </div>			

PATENT

REEL: 027555 FRAME: 0434

## ASSIGNMENT

This Assignment of Patents / Patent Applications is between: SHIFAMED, LLC, a limited liability corporation organized in the State of California (hereinafter referred to as ASSIGNOR), and SHIFAMED HOLDINGS, LLC, a limited liability corporation organized in the State of California (hereinafter referred to as ASSIGNEE).

WHEREAS, Assignor assigns the entire right, title and interest in and to the patents / patent applications as listed on the attached Exhibit A.

WHEREAS, Assignee is desirous of acquiring the entire right, title and interest in and to said patents / patent applications and the inventions disclosed therein, and in and to all embodiments of the inventions, heretofore conceived, made or discovered by said Assignor (all collectively hereinafter termed "said Inventions"), and in and to any and all patents, Assignor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Assignor to have been received in full from said Assignee:

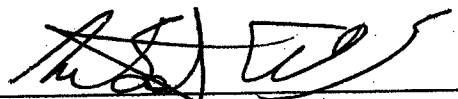
1. Said Assignor does hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said patents / patent applications and said Inventions: (b) in and to all rights to apply for foreign patents on said Inventions pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said Inventions in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.
2. Said Assignor hereby covenants and agrees to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Assignor shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title

and interest herein conveyed; (b) for prosecuting any of the said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said Invention; (d) for filing and prosecuting applications for reissuance of any of said patents; (e) for interference or other priority proceedings involving said inventions; and (f) for legal proceedings involving said inventions and any applications therefor and any patents granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contest, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Assignor in providing such cooperation shall be paid for by said Assignee.

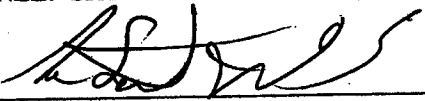
3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Assignor, his heirs, legal representatives and assigns.

4. Said Assignor hereby warrants and represents that he has not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

ASSIGNOR: SHIFAMED, LLC

By:   
Name: AMR SALAHIEH  
Title: MANAGING MEMBER  
Dated: 11/29/2011

ASSIGNEE: SHIFAMED HOLDINGS, LLC

By:   
Name: AMR SALAHIEH  
Title: MANAGING MEMBER  
Dated: 11/29/2011

## **EXHIBIT A**

1. U.S. Provisional Patent Application No. 61/541,765  
Filing Date: September 30, 2011  
Title: ENERGY DELIVERY DEVICE AND METHODS OF USE
2. U.S. Patent Application No. 12/616,758  
Filing Date: November 11, 2009  
Title: LOW PROFILE ELECTRODE ASSEMBLY
3. U.S. Patent Application No. 13/106,658  
Filing Date: May 12, 2011  
Title: LOW PROFILE ELECTRODE ASSEMBLY
4. International Application No. PCT/US2011/036310  
Filing Date: May 12, 2011  
Title: LOW PROFILE ELECTRODE ASSEMBLY
5. International Application No. PCT/US2009/064069  
Filing Date: November 11, 2009  
Title: LOW PROFILE ELECTRODE ASSEMBLY
6. Australian Patent Application No. 2009314159  
Filing Date: November 11, 2009  
Title: LOW PROFILE ELECTRODE ASSEMBLY
7. Canadian Patent Application No. 2,743,140  
Filing Date: November 11, 2009  
Title: LOW PROFILE ELECTRODE ASSEMBLY
8. Chinese Patent Application No. 200980154363.8  
Filing Date: November 11, 2009  
Title: LOW PROFILE ELECTRODE ASSEMBLY
9. European Patent Application No. 09797219.4  
Filing Date: November 11, 2009  
Title: LOW PROFILE ELECTRODE ASSEMBLY
10. Indian Patent Application No. 3353/DELNP/2011  
Filing Date: November 11, 2009  
Title: LOW PROFILE ELECTRODE ASSEMBLY
11. Japanese Patent Application No. 2011-535791  
Filing Date: November 11, 2009  
Title: LOW PROFILE ELECTRODE ASSEMBLY

**EXHIBIT A (continued)**

12. U.S. Provisional Patent Application No. 61/482,018  
Filing Date: May 3, 2011  
Title: STEERABLE DELIVERY SHEATHS
13. U.S. Patent Application No. 12/823,049  
Filing Date: June 24, 2010  
Title: STEERABLE MEDICAL DELIVERY DEVICES AND METHODS OF USE
14. International Application No. PCT/US2010/039865  
Filing Date: June 24, 2010  
Title: STEERABLE MEDICAL DELIVERY DEVICES AND METHODS OF USE
15. U.S. Patent Application No. 13/071,436  
Filing Date: March 24, 2011  
Title: INTRAVASCULAR TISSUE DISRUPTION
16. International Application No. PCT/US2011/029829  
Filing Date: March 24, 2011  
Title: INTRAVASCULAR TISSUE DISRUPTION
17. U.S. Provisional Patent Application No. 61/485,510  
Filing Date: May 12, 2011  
Title: VALVULOPLASTY DEVICES AND PERFUSION