

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	NASSER RAFIEE	11/21/2016
RECEIVING PARTY DATA		
Name:	TRANSMURAL SYSTEMS LLC	
Street Address:	4 DUNDEE PARK DRIVE	
City:	ANDOVER	
State/Country:	MASSACHUSETTS	
Postal Code:	01810	
PROPERTY NUMBERS Total: 4		
Property Type	Number	
Application Number:	61723734	
Application Number:	15413017	
PCT Number:	US1464431	
Application Number:	16557171	
CORRESPONDENCE DATA		
Fax Number:		
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>		
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ATTORNEY DOCKET NUMBER:	TSMS 103 ASSIGNMENTS	
NAME OF SUBMITTER:	BRIAN POLLACK	
SIGNATURE:	/Brian Pollack/	
DATE SIGNED:	05/16/2022	
Total Attachments: 2		
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ASSIGNMENT

WHEREAS, I, Nasser Rafiee, residing at 39 Abbot Street, Andover, MA 01810, make certain new and useful inventions and improvements for which I herewith execute an application for Letters Patent of the United States, U.S. Patent Application entitled: **"DEVICES, SYSTEMS AND METHODS FOR REPAIRING LUMENAL SYSTEMS"** (Attorney Docket No. TSMS.103PA), which was filed on November 7, 2013 and assigned patent application serial number 14/074,517, which claims benefit of U.S. Provisional Patent Application Serial No. 61/723,734 filed on November 7, 2012.

AND WHEREAS, Transmural Systems LLC, a corporation organized and existing under and by virtue of the laws of the State of Massachusetts, and having an office and place of business at 39 Abbot St., Andover, MA 01810 (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar and other good and valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, I have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the application, all divisions, continuations, conversions or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and I do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration aforesaid, I do hereby agree that I and my executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore I covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, I have hereunto set my hand on this date:

21 - November - 2016
(day) (month) (year)

Nasser Rafiee

