

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT6821878

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	NASSER RAFIEE	04/05/2021
RECEIVING PARTY DATA		
Name:	TRANSMURAL SYSTEMS LLC	
Street Address:	4 DUNDEE PARK DRIVE	
Internal Address:	SUITE 101	
City:	ANDOVER	
State/Country:	MASSACHUSETTS	
Postal Code:	01810	
PROPERTY NUMBERS Total: 7		
Property Type	Number	
Application Number:	62748026	
PCT Number:	US2019057297	
Application Number:	63013977	
Application Number:	63170682	
PCT Number:	US2021028725	
Application Number:	17234608	
Application Number:	17238897	
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-MRI-ASSIGNMENT 1-2	
NAME OF SUBMITTER:	BRIAN POLLACK	
SIGNATURE:	/Brian Pollack/	

PATENT

DATE SIGNED:	07/20/2021
Total Attachments: 3 source=Assignment_1_and_Dec_for_MRI_fully_signed#page1.tif source=Assignment_1_and_Dec_for_MRI_fully_signed#page2.tif source=Assignment_1_and_Dec_for_MRI_fully_signed#page3.tif	

COMBINED INVENTOR DECLARATION AND ASSIGNMENT

THIS ASSIGNMENT, by Ozgur Kocaturk and Nasser Rafiee (hereinafter referred to as Assignors);

WHEREAS, Assignors have invented certain new and useful improvements in the patent applications filed in the United States Patent and Trademark Office listed in Appendix A annexed hereto; and

WHEREAS, Transmural Systems LLC, a company organized and existing under and by virtue of the laws of the State of Massachusetts, and having an office and place of business at 4 Dundee Park Drive, Suite 101, Andover, MA 01810, US (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said applications, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.

AND for the same consideration, each Assignor hereby represents and warrants to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee or to the National Institutes of Health, Assignor is the sole and lawful owners of the entire right, title and

interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, each Assignor hereby covenants and agrees to and with Assignee, its successors, legal representatives and assigns, that Assignor will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND each Assignor hereby requests the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND each Assignor hereby states as follows: (i) The above-identified application was made or authorized to be made by me; (ii) I believe that I am the original inventor or an original joint inventor of a claimed invention in each of the above-referenced applications; and (iii) I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.


AND Assignor hereby grants the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

Winthrop & Weinstine, P.A.


All practitioners at Customer Number 132700

AND Assignor acknowledges an obligation of assignment of these inventions to Assignee at the time the inventions were made.

Date: April 5, 2021

Signature 
Ozgur Kocaturk

Date: April 5, 2021

Signature 
Nasser Rafie

APPENDIX A

1. U.S. Patent Application Serial No. 62/748,026, filed October 19, 2018.
2. International Patent Application No. PCT/US2019/57297, filed October 21, 2019
3. U.S. Provisional Patent Application No. 63/013,977 filed April 22, 2020.
4. U.S. Provisional Patent Application No. 63/170,682 filed April 5, 2021.