

## PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	MICHAEL RAUCHMAN	12/11/2018
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<b>Property Type</b>	<b>Number</b>	
<b>Application Number:</b>	15553953	
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<b>Correspondent Name:</b>	PARKER HIGHLANDER PLLC	
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<b>Address Line 2:</b>	BUILDING ONE, SUITE 200	
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<b>ATTORNEY DOCKET NUMBER:</b>	USTL.P0053US (2 OF 2)	
<b>NAME OF SUBMITTER:</b>	JENNIFER NORMAN-WOLFE	
<b>SIGNATURE:</b>	/Jennifer Norman-Wolfe/	
<b>DATE SIGNED:</b>	02/25/2019	

**Total Attachments: 5**

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**PATENT**

**REEL: 048428 FRAME: 0811**

## ASSIGNMENT

This Patent Assignment ("Assignment") is made and entered into as of by and between **Michael RAUCHMAN**, (the "Assignor") and **Saint Louis University**, a university organized and existing under the laws of Missouri, having a place of business at 221 N. Grand Blvd., St. Louis, MO 63103 and **U.S. Department of Veterans Affairs**, a government entity organized and existing under the laws of Washington, D.C., having a place of business at 810 Vermont Avenue NW, Washington, D.C., 20420 (the "Assignees").

WHEREAS, Assignor has agreed to assign and transfer to Assignees, and Assignees have agreed to acquire and accept from Assignor, Assignor's rights in the following patent applications (the "Assigned Patents"):

**U.S. Application No. 15/553,953, entitled "TUMOR SUPPRESSOR SALL1 AS A THERAPEUTIC AGENT FOR TREATING CANCER," filed August 25, 2017; and**

**International Application No. PCT/US2016/019692, filed February 26, 2016; and**

**U.S. Provisional Application No. 62/126,105, filed February 27, 2015.**

NOW, THEREFORE, in consideration of the premises, mutual covenants and provisions herein contained, the receipt and sufficiency of which is hereby acknowledged, and intending to be legally bound hereby, the parties hereto agree to execute this Assignment, as follows:

**1.0 Assignment.** The Assignor has assigned and/or by these presents does hereby assign, transfer and convey unto Assignees, the Assignor's whole and entire right, title and interest for the United States and all other countries throughout the world (i) in and to the inventions claimed or disclosed in the Assigned Patents, including all patents granting from the Assigned Patents or any continuation, continuation-in-part, division, renewal, substitute, reexamination or reissue thereof, including any patents in the United States and in all other countries throughout the world obtained based upon a claim of priority to any said Assigned Patents as provided for by United States law, the Patent Cooperation Treaty, the European Patent Convention, the Paris Convention, or other applicable law, as well as the right to claim priority to any said Assigned Patents as provided for by United States law, the Patent Cooperation Treaty, the European Patent Convention, the Paris Convention, or other applicable law, and (ii) in and to all rights to sue for and collect damages resulting from past, present and future infringement of said patents and patent applications in (i).

**2.0 Enjoyment.** The patents and patent applications subject to Paragraph 1 shall be held and enjoyed by Assignees, for Assignees' use and benefit, and for Assignees' legal representatives and assigns, to the full end of the term or terms for which same may be granted, as fully and entirely as the same would have been held by Assignees had this assignment and transfer not been made.

**3.0 Authorize and Request.** Assignor authorizes and requests the issuing authority to issue any and all United States and foreign patents granted on such patents and patent applications in 1.0(i) to the Assignees.

**4.0 Warrant and Covenant.** Assignor warrants and covenants that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the Assignor, and that the full right to convey the same as herein expressed is possessed by the Assignor.

**5.0 Assistance.** The parties to this Assignment shall use commercially reasonable efforts to take, or cause to be taken, all actions, and to do, or cause to be done, all things, necessary or advisable to consummate the transactions contemplated by this Assignment. Without limiting the foregoing, each of Assignor and Assignees shall cooperate with the other without any further consideration to execute and deliver, or use commercially reasonable efforts to cause to be executed and delivered, all documents as may reasonably be necessary to secure the vesting in Assignees of all rights assigned to Assignees by this Assignment, including without limitation any documents required to record this Assignment with local patent offices, and all rightful oaths, declarations, and other papers.

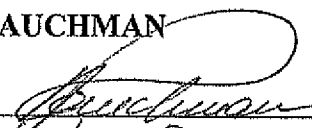
**6.0 Binding.** The Assignment is binding on the heirs, assigns, representatives and successors of the Assignor and extends to the successors, assigns and nominees of the Assignees.

**7.0 Effectiveness.** The assignment of said inventions is or was effective as of the earlier of (1) the date of execution of the Assignment indicated below or (2) the filing date of the first filed of the patent applications of the Assigned Patents.

(Signature page follows)

IN WITNESS WHEREOF, Michael RAUCHMAN has executed this Patent Assignment, or has caused this Patent Assignment to be executed on his/her behalf by a representative duly authorized, all as of the date set forth below.

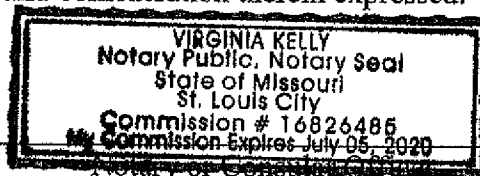
Michael RAUCHMAN

Signature: 

Date: 12/11/2018

STATE OF Missouri  
COUNTY OF City of St. Louis

BEFORE ME, the undersigned authority, on this 11<sup>th</sup> day of December, 2018 personally appeared Michael RAUCHMAN, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.





[SEAL]

IN WITNESS WHEREOF, Assignee has executed this Patent Assignment, or has caused this Patent Assignment to be executed on its behalf by a representative duly authorized.

Saint Louis University

By: [Signature]

Name: D. G. Thomas

Title: Exec. Director RIL

Date: 12-17-18

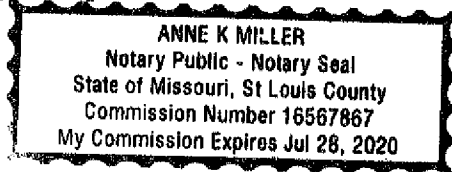
STATE OF Missouri  
COUNTY OF St. Louis

BEFORE ME, the undersigned authority, on this 17 day of December, 2018 personally appeared D. Graeme Thomas, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

[Signature]

Notary or Consular Officer

[SEAL]



IN WITNESS WHEREOF, Assignee has executed this Patent Assignment, or has caused this Patent Assignment to be executed on its behalf by a representative duly authorized.

U.S. Department of Veterans Affairs

By: M. Azarion  
Name: MARYAM AZARION  
Title: Deputy Chief Counsel  
Date: Dec 13, 2018

STATE OF SS  
COUNTY OF District of Columbia

BEFORE ME, the undersigned authority, on this 13<sup>th</sup> day of December, 2018 personally appeared in District of Columbia known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

Peggy L. Wright  
Notary or Consular Officer

[SEAL]