

## PATENT ASSIGNMENT COVER SHEET

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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>
A. VANIA APKARIAN	02/18/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	APKARIAN TECHNOLOGIES LLC
<b>Street Address:</b>	150 W. EUGENIE STREET, APT. 29
<b>City:</b>	CHICAGO
<b>State/Country:</b>	ILLINOIS
<b>Postal Code:</b>	60611
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16584103
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(617)428-7045
<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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<b>Address Line 1:</b>	101 FEDERAL STREET
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<b>ATTORNEY DOCKET NUMBER:</b>	50878-004003
<b>NAME OF SUBMITTER:</b>	RICHARD TODD ARMSTRONG, PH.D.
<b>SIGNATURE:</b>	/Richard Todd Armstrong, Ph.D./
<b>DATE SIGNED:</b>	10/31/2019
<b>Total Attachments: 2</b>	
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source=50878-004001 Executed Assignment#page2.tif	

**ASSIGNMENT**

For valuable consideration, I,

Full Name of Assignor	City	State (and Country if not USA)
A. Vania Apkarian	Chicago	Illinois

hereby assign to

Full Name of Assignee	State of Incorporation	Business Address
Apkarian Technologies LLC	Illinois	150 W. Eugenie Street, Apt. 29 Chicago, IL 60611

and to its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title, and interest throughout the world in the inventions and improvements which are subject of one or more applications for United States Patent signed by me, identified as:

Title of Application	Filing Date	Serial Number
METHODS AND COMPOSITIONS FOR TREATING PAIN	November 2, 2015	62/249,588

and I authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment includes said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and I authorize the Assignee to apply in all countries in my name or in its own name for patents, utility models, design registrations, and like rights of exclusion, and for inventors' certificates for said inventions and improvements; and I agree for me and my respective heirs, legal representatives and assigns, without further compensation, to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements, and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment. This assignment also includes the right to sue for past acts of infringement, whether based on any patents listed herein, patents issuing from applications listed herein, or provisional rights from any patent applications listed herein.

IN WITNESS WHEREOF, I hereto set my hand and seal at \_\_\_\_\_  
this 18 day of February, 2016

[Signature]  
A. Vanja Apkarian

L.S.

STATE OF Illinois

:ss.

COUNTY OF \_\_\_\_\_

On this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me, the undersigned notary public,  
personally appeared A. Vanja Apkarian, proved to me through satisfactory evidence of identification, which  
consisted of \_\_\_\_\_, to be the person whose name is subscribed to the  
foregoing Assignment, and acknowledged that he/she executed the same as his/her free act and deed for  
the purposes therein contained.

\_\_\_\_\_  
Notary Public

My Commission Expires:

[Notary's Seal Here]