

PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

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|---|----------------------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| VIJAY VAD | 07/18/2021 |
| RAGHAV BARVE | 07/19/2021 |
| PAUL MULHAUSER | 07/19/2021 |
| KARL D KIRK III | 07/20/2021 |
| RECEIVING PARTY DATA | |
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| City: | NEW YORK |
| State/Country: | NEW YORK |
| Postal Code: | 10065 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 16862448 |
| 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: | VSPMC2 |
| NAME OF SUBMITTER: | PETER MATERNA |
| SIGNATURE: | / Peter Materna / |
| DATE SIGNED: | 07/22/2021 |
| Total Attachments: 3 | |
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Assignment of Patent Application

The undersigned person(s) ("Assignor") is an inventor(s) of the following invention(s) for which a patent application(s) has been filed in the United States:

US Nonprovisional Patent Application Serial Number 16/862,448

Docket number: VSPMC2

Filed on April 29, 2020

Cartilage repair, preservation and growth by stimulation of bone-chondral interface and delivery system and methods therefor

First named inventor: Vijay Vad

and Vad Scientific, LLC ("Assignee"), a Delaware corporation whose address is 220 East 65th Street, Suite 4C, New York, NY 10065, desires to acquire the invention, the patent application, and any domestic or foreign patent or patents that may be obtained therefor or thereupon.

For good and valuable consideration, the receipt of which is acknowledged, Assignor sells, assigns, transfers and sets over to Assignee or its heirs, successors, assigns or other legal representatives the full and entire right, title and interest in and to the invention and the patent application(s), including the right of the Assignee or its heirs, successors, assigns, or other legal representatives to (1) file any and all divisional, continuation and continuation-in-part applications claiming priority to the patent application(s) and (2) seek reissues or extensions of any patent, which the Assignee may hold and enjoy as fully and entirely as Assignor would have had this assignment and sale not been made.

Assignor agrees that it or its heirs, successors, assigns or other legal representatives will at any time on the request and at the expense of the Assignee or its heirs, successors, assigns or other legal representatives, without undue delay, execute and deliver any and all papers and do all lawful acts that may be necessary or desirable to perfect the title to the invention, the applications, and any patent or patents that may be obtained therefor. Assignor agrees that it or its heirs, successors, assigns or other legal representatives will communicate to said Assignee, its successors and representatives all facts known to us relating to said invention 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.

Assignor further assigns to Assignee or its heirs, successors, assigns or other legal representatives the whole right, title, and interest in and to the invention throughout all countries foreign to the United States including the right to (1) file any foreign patent applications claiming priority to the patent application(s) and to otherwise seek any patent in any foreign country; (2) file any divisional, continuation, and continuation-in-part applications claiming priority to the foreign patent application where such procedure is proper; and (3) seek reissues or extensions of any patent in any foreign country. Assignor ratifies any acts of Assignee in applying for a patent in Assignee's own name in any foreign country where such procedure is proper, agrees to execute foreign patent applications in the several countries where it is necessary that they be

executed by the inventor, and agrees to execute assignments of foreign patent applications and any patent to be obtained therefor to Assignee.


Assignor grants to Assignee the full right to sue for and recover all profits and damages recoverable for past infringement of the invention, the applications, and any patent or patents that may be obtained therefor, for Assignee's use and behalf, and for the use and behalf of Assignee's heirs, successors, assigns and other legal representatives.

Assignor represents and warrants that Assignor has the full right to convey the entire interest of the invention and the applications and has not granted any rights inconsistent with the rights granted in this Assignment.

Assignor authorizes and requests the Commissioner of Patents and Trademarks of the United States, and any official of any country foreign to the United States whose duty it is to issue patents, to issue any patent and any reissues and extensions thereof to Assignee in accordance with this Assignment.

This Patent Assignment may be executed in counterparts, each of which when so executed and delivered shall be deemed an original, but such counterparts together shall constitute one and the same instrument.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 18 day of
July, 2021.



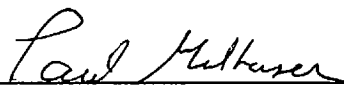
Vijay Vad

IN TESTIMONY WHEREOF, I have hereunto set my hand this 19 day of
July, 2021



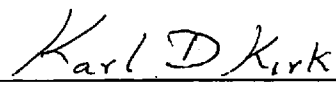
Raghav Barve

IN TESTIMONY WHEREOF, I have hereunto set my hand this 19 day of
July, 2021.



Paul Mulhauser

IN TESTIMONY WHEREOF, I have hereunto set my hand this 20 day of
July, 2021.



Karl D. Kirk, III