

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT6312232

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MARK CHRISTIANSON	09/11/2020
ROBERT VIDLUND	09/14/2020
NEELAKANTAN SAIKRISHNAN	09/11/2020
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	VDYNE, INC.
<b>Street Address:</b>	10900 73RD AVENUE
<b>Internal Address:</b>	SUITE 116
<b>City:</b>	MAPLE GROVE
<b>State/Country:</b>	MINNESOTA
<b>Postal Code:</b>	55369
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16163577
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(202)842-7899
<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>	
<b>Phone:</b>	2027287034
<b>Email:</b>	ddoyle@cooley.com
<b>Correspondent Name:</b>	COOLEY LLP
<b>Address Line 1:</b>	1299 PENNSYLVANIA AVENUE N.W.
<b>Address Line 2:</b>	ATTN: IP DOCKETING DEPARTMENT
<b>Address Line 4:</b>	WASHINGTON, D.C. 20004
<b>ATTORNEY DOCKET NUMBER:</b>	VDYN-018/00US
<b>NAME OF SUBMITTER:</b>	MICHAEL WINTERNITZ
<b>SIGNATURE:</b>	/Michael D. Winternitz/
<b>DATE SIGNED:</b>	09/22/2020
<b>Total Attachments: 7</b>	
source=VDYN-018_00US - Confirmatory Assignment - Inventors to VDyne, Inc. 2020-09#page1.tif	
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ASSIGNMENT

Mark CHRISTIANSON; Robert VIDLUND; and Neelakantan SAIKRISHNAN, c/o VDYNE, INC., Eagle Lake Business Center I, 10900 73rd Avenue, Suite 116, Maple Grove, MN 55369, UNITED STATES OF AMERICA (each referred to as "Assignor") have made an invention(s) (the "Invention(s)") set forth in the patent application(s) (the "Application(s)") identified below:

Title:	<b>Orthogonally Delivered Transcatheter Heart Valve Frame for Valve in Valve Prosthesis</b>		
Application No.:	US 16/163,577	Filing Date:	October 18, 2018
Publication No.:	US 2020/0121452	Publication Date:	April 23, 2020
Patent No.:		Issue Date:	

**WHEREAS**, each Assignor previously executed one or more assignments (the "Inventor Assignment") by which each Assignor assigned their rights in and to the Application(s) and the Invention(s) to **VDYNE, LLC** and/or to **VDyne, Inc.**, a Delaware Corporation having its principal place of business at Eagle Lake Business Center I, 10900 73rd Avenue, Suite 116, Maple Grove, MN 55369 (the "Assignee"), the successor in interest to VDYNE, LLC by a merger effective December 31, 2019; and

**WHEREAS**, the Assignor(s), by the Inventor Assignment, previously intended to and did assign, transfer, and/or set over to the Assignee, its successors, legal representatives and assigns the Assignor's entire rights, title and interest in the Application(s) and Invention(s).

**NOW, THEREFORE**, for good and sufficient consideration, the receipt of which is hereby acknowledged, and to the extent that the Assignor(s) has not done so already via the Inventor Assignment or other prior agreement with the Assignee or a predecessor in interest of the Assignee, or if the Assignor has already done so via the Inventor Assignment or other prior agreement with the Assignee or a predecessor in interest of the Assignee then in confirmation thereof, the Assignor and its successors hereby sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns, the Assignor's entire right, title, and interest in:

- (a) the Invention(s);
- (b) the application(s) for patent identified above;
- (c) the right to file applications for patent of the United States or other countries on the Invention(s), including all rights under the Hague Convention, the Paris Convention for the Protection of Industrial Property, and under the Patent Cooperation Treaty, and all rights of claiming priority in any country of the world;

(d) any application(s) for patent of the United States or other countries claiming the Invention(s);

(e) any application(s) for patent of the United States or other countries claiming priority to, and/or the benefit of, at least one of the application(s) for patent identified above or any application(s) for patent claiming the Invention(s), including any priority application(s), substitute application(s), division(s), continuation(s), and continuation(s)-in-part;

(f) any provisional or other right to recover any and all past, present, and future damages, including royalties, for any and all past, present, and future infringements of any application for patent identified in the preceding paragraphs (b)-(e) and of any and all patent(s) granted based thereon in the United States and in all other countries; and

(g) any patent(s) of the United States or other countries that may be granted for or on any application for patent identified in the preceding paragraphs (b)-(e), including any reissue(s), reexamination(s), revival(s), renewal(s) and extension(s) of said patent(s).

The above-granted rights, titles, and interests are to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made.

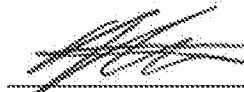
The Assignor hereby represents to the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, or if applicable, at such time said prior agreement was executed, the Assignor is a lawful owner of an undivided interest in the entire right, title, and interest in and to the Invention(s), that the Invention(s) are unencumbered, except, if applicable, by obligation to assign in accordance with said prior agreement, and that the Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth herein, and that Assignor will not make or enter into any assignment, sale, agreement or encumbrance which would conflict with these presents.

The Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that the Assignor will sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done in connection with any and all proceedings for the procurement, maintenance, enforcement and defense of the Invention(s), said application(s), and said patent(s), including interference and derivation proceedings, and any post-grant proceedings (e.g., opposition proceedings, post-grant reviews, *Inter partes* reviews, supplemental examinations, etc.) without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns.


The Assignor hereby authorizes and requests the attorneys of COOLEY LLP to insert in the spaces provided above the title, publication number, publication date, patent number, issued date, and the attorney docket number of the application(s) identified above when known.

The Assignor hereby requests the Commissioner of Patents to issue said patents of the United States to the Assignee for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

11 Sept 2020  
Date

  
Mark Christianson

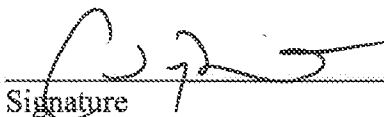
Witness:

  
Signature

11 SEP 2020  
Date

NEELA SAIKRISHNAN  
Printed Name

Witness:

  
Signature

11 SEP 2020  
Date

CHAD PEPPIN  
Printed Name

Sept. 14, 2020  
Date

Robert Vidlund  
Robert Vidlund

Witness:

[Signature]  
Signature

14 Sep 2020  
Date

Laura Maffett  
Printed Name

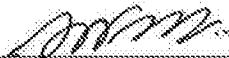
Witness:

[Signature]  
Signature


9-14-2020  
Date

Hanna Bounds  
Printed Name

11 SEP 2020  
Date

  
Neelakantan Saikrishnan

Witness:

  
Signature

11 Sep 2020  
Date

CHAD PERRIN  
Printed Name

Witness:

  
Signature

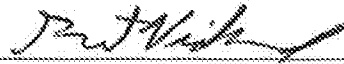
9-11-2020  
Date

Hanna Bounds  
Printed Name




For and on behalf of ASSIGNEE:

Date: Sept. 14, 2020

By:   
Name: Robert Vidlund  
Title: COO  
Company: VDyne, Inc.

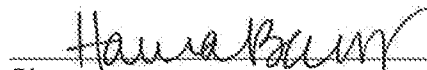
Witness:

  
Signature

09/14/2020  
Date

Erik E. Karl  
Printed name

Witness:

  
Signature

9-14-2020  
Date

Hanna Bounds  
Printed name

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