

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4713629

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MARK CHRISTIANSON	10/27/2017
ZACHARY VIDLUND	11/09/2017
ROBERT VIDLUND	11/15/2017
IGOR KOVALSKY	11/01/2017
WILLIAM PECKELS	11/09/2017
MICHAEL EVANS	11/10/2017
CHAD PERRIN	11/13/2017
JOHN F. OTTE	11/09/2017
SON MAI	11/13/2017
RECEIVING PARTY DATA	
Name:	TENDYNE HOLDINGS, INC.
Street Address:	177 EAST COUNTY ROAD B
City:	ST. PAUL
State/Country:	MINNESOTA
Postal Code:	55117
PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	15626607
PCT Number:	US1612305
CORRESPONDENCE DATA	
Fax Number:	(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>	
Phone:	703-456-8000
Email:	rphelan@cooley.com
Correspondent Name:	COOLEY LLP
Address Line 1:	1299 PENNSYLVANIA AVENUE
Address Line 2:	SUITE 700, ATTN: PATENT GROUP
Address Line 4:	WASHINGTON, D.C. 20004-2400
ATTORNEY DOCKET NUMBER:	TNDY-038/01US 321861-2206

PATENT

NAME OF SUBMITTER:	NANCY A. VASHAW
SIGNATURE:	/Nancy A. Vashaw/
DATE SIGNED:	12/01/2017
Total Attachments: 13 source=TNDY-038-01US-Assignment#page1.tif source=TNDY-038-01US-Assignment#page2.tif source=TNDY-038-01US-Assignment#page3.tif source=TNDY-038-01US-Assignment#page4.tif source=TNDY-038-01US-Assignment#page5.tif source=TNDY-038-01US-Assignment#page6.tif source=TNDY-038-01US-Assignment#page7.tif source=TNDY-038-01US-Assignment#page8.tif source=TNDY-038-01US-Assignment#page9.tif source=TNDY-038-01US-Assignment#page10.tif source=TNDY-038-01US-Assignment#page11.tif source=TNDY-038-01US-Assignment#page12.tif source=TNDY-038-01US-Assignment#page13.tif	

ASSIGNMENT

Mark CHRISTIANSON, residing at 13310 34th Ave North, Plymouth, MN 55441, Zach VIDLUND, residing at 3122 15th Ave South, Minneapolis, MN 55407, Robert VIDLUND, residing at 13746 Furman St., NE, Forest Lake, MN 55025, Igor KOVALSKY, residing at 1840 Essex Road, Minnetonka, MN 55305, William PECKELS, residing at 1210 Thomas Ave., St. Paul, MN 55104, Michael EVANS, residing at 627 5th Avenue SE, Minneapolis, MN 55414, Chad PERRIN, residing at 1239 142nd Lane NW, Andover, MN 55304, John F. OTTE, residing at 2521 Pahl Ave., St. Anthony, MN 55418, and Son MAI, residing at 1715 Peltier Drive, Centerville, MN 55038 (each referred to as "Assignor") have made an invention(s) (the "Invention(s)") set forth in an application for patent of the United States, entitled PROSTHETIC MITRAL VALVES AND APPARATUS AND METHODS FOR DELIVERY OF SAME, and which is a:

- (1) ☐ provisional application
 - (a) ☐ to be filed herewith; or
 - (b) ☐ bearing Application No. , and filed on ;
- (2) ☒ non-provisional application
 - (a) ☐ to be filed herewith; or
 - (b) ☒ bearing Application No. 15/626,607, and filed on June 19, 2017; and/or
- (3) ☒ PCT application
 - (a) ☒ bearing Application No. PCT/US2016/012305, and filed on January 6, 2016.
- (4) ☐ a patent application bearing Serial No. , and filed on ;
and/or
- (5) ☐ attached hereto.

WHEREAS, Tendyne Holdings, Inc., a corporation having its principal place of business at 177 East County Road B, St. Paul, MN 55117 its successors, legal representatives and assigns, (the "Assignee"), is desirous of acquiring the entire right, title, and interest in: the Invention(s); the application(s) for patent identified above; the right to file applications for patent of the United States or other countries on the Invention(s); any application(s) for patent of the United States or other countries claiming priority to, and/or the benefit of, these applications; 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 these application(s); and any and all patent(s) of the United States or other countries that may be granted therefor or thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, and to the extent that the Assignor has not done so already via a prior agreement with the Assignee or a predecessor in interest of the Assignee, or if the Assignor has already done so via a prior agreement with the Assignee or a predecessor in interest of the Assignee then in confirmation of any obligation to do so in said prior agreement, the Assignor has sold, assigned, transferred, and set over, and by these presents does 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 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.

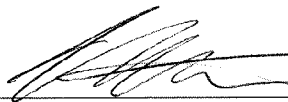
The Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that the Assignor will sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done in connection with any and all proceedings for the procurement, 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 filing date, the application number, 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.

Date: Oct 27, 2017

By: _____



Mark CHRISTIANSON

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of Minnesota)
County of Ramsey) ss.

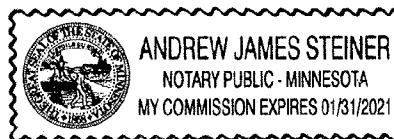
On 10/27/2017, before me, Andrew Steiner, Notary Public, personally appeared Mark Christianson, who proved to me on the basis of satisfactory evidence, to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

REQUIRED SENTENCE IF NOTARIZED IN CALIFORNIA: I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Signature of Notary Public



Place Notary Seal Above

My Commission Expires: 01/31/2021

Date: 09 Nov 2017

By: *Zachary Vidlund*
Zachary VIDLUND

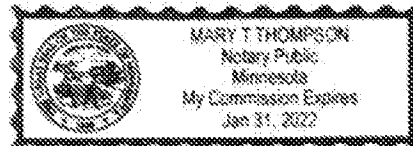
A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of Minnesota)
 County of Ramsey) ss.

On 9th, Nov. 2017, before me, Mary Thompson, Notary Public, personally appeared Zachary Vidlund, who proved to me on the basis of satisfactory evidence, to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

REQUIRED SENTENCE IF NOTARIZED IN CALIFORNIA: I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



[Signature]
 Signature of Notary Public

Place Notary Seal Above

My Commission Expires: 1/31/2022

Date: 16 Nov. 15, 2017

By: *Robert M. Vidlund*
Robert VIDLUND

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State of MN)
) ss.
County of Anoka)

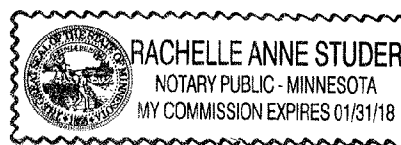
On 11/15/2017, before me, Rachelle Anne Studer, Notary Public, personally appeared Robert M. Vidlund, who proved to me on the basis of satisfactory evidence, to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

REQUIRED SENTENCE IF NOTARIZED IN CALIFORNIA: I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Rachelle Anne Studer

Signature of Notary Public



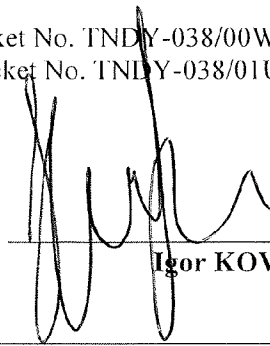
Place Notary Seal Above

My Commission Expires: 01/31/2018

Date:

4/1/2017

By:



Igor KOVALSKY

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State of _____)
) ss.
County of _____)

On _____, before me, _____, Notary Public, personally appeared _____, who proved to me on the basis of satisfactory evidence, to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

REQUIRED SENTENCE IF NOTARIZED IN CALIFORNIA: I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature of Notary Public

Place Notary Seal Above

My Commission Expires: _____

Date: 09 NOV 2017

By: _____

William PECKELS

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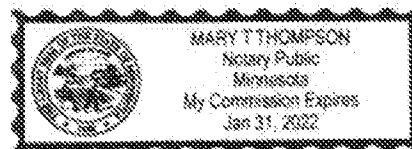
State of Minnesota)

County of Ramsey) ss.

On 9th, NOV. 2017, before me, Mary Thompson, Notary Public, personally appeared William Peckels, who proved to me on the basis of satisfactory evidence, to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

REQUIRED SENTENCE IF NOTARIZED IN CALIFORNIA: I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Mary Thompson
Signature of Notary Public

Place Notary Seal Above

My Commission Expires: 1/31/2022

Date: 10 Nov 2017

By: [Signature]

Michael EVANS

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State of Minnesota

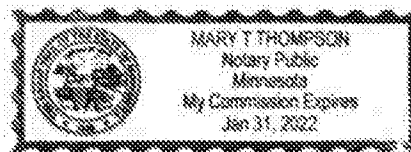
County of Ramsey

On 13th Nov, 2017, before me, Mary Thompson, Notary Public, personally appeared Michael Evans, who proved to me on the basis of satisfactory evidence, to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

REQUIRED SENTENCE IF NOTARIZED IN CALIFORNIA: I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

[Signature]
Signature of Notary Public



Place Notary Seal Above

My Commission Expires: 1/31/2022

Date: 13 NOV 2017

By: 

Chad PERRIN

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State of Minnesota)

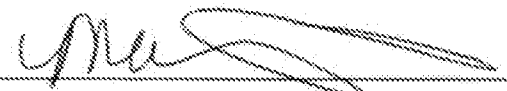
County of Ransom) ss.

On 13th, NOV, 2017, before me, Mary Thompson, Notary Public, personally appeared Chad Perrin, who proved

to me on the basis of satisfactory evidence, to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

REQUIRED SENTENCE IF NOTARIZED IN CALIFORNIA: I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

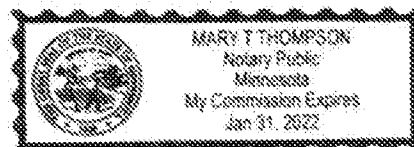


Signature of Notary Public



Place Notary Seal Above

My Commission Expires: 1/31/2022



Date: 27 Nov 2017

By: 
John F. OTTE

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State of Minnesota)

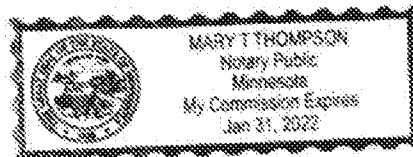
County of Ramsey) ss.

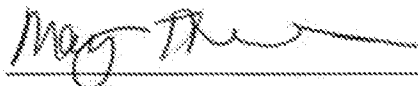
On 27th Nov. 2017, before me, Mary Thompson, Notary Public, personally appeared John Otte, who proved

to me on the basis of satisfactory evidence, to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

REQUIRED SENTENCE IF NOTARIZED IN CALIFORNIA: I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.




Signature of Notary Public

Place Notary Seal Above

My Commission Expires: 1/31/2022

Date: Nov. 13, 2017

By: *Son Mai*
Son MAI

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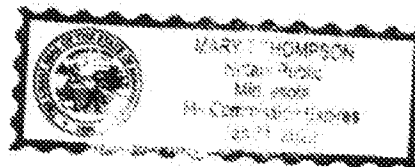
State of Minnesota)
) ss.
County of Ramsey)

On 13, Nov. 2017, before me, *Mary Thompson*, Notary Public, personally appeared Son Mai, who proved to me on the basis of satisfactory evidence, to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

REQUIRED SENTENCE IF NOTARIZED IN CALIFORNIA: I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Mary Thompson
Signature of Notary Public



Place Notary Seal Above

My Commission Expires: 1/31/2022

For and on behalf of ASSIGNEE:

Date: Nov. 13, 2017

By: [Signature]
Name: John M. Capek
Title: EVP Ventures
Company: Tendyne Holdings, Inc.

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State of ILLINOIS)
County of LAKE) ss.

On Nov. 13, 2017, before me, TAMMY HOFFMAN, Notary Public, personally appeared JOHN M. CAPEK, who proved to me on the basis of satisfactory evidence, to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

REQUIRED SENTENCE IF NOTARIZED IN CALIFORNIA: I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Tammy Hoffman
Signature of Notary Public

OFFICIAL SEAL
TAMMY HOFFMAN
NOTARY PUBLIC - STATE OF ILLINOIS
MY COMMISSION EXPIRES MAY 12, 2018

Place Notary Seal Above

My Commission Expires: MAY 12, 2018

152475462 v1