503045613 11/03/2014 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3092212

SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT		
CONVEYING PARTY D	ATA				
		Name	Execution Date		
JEFFREY A. LAROSE			02/13/2009		
CHARLES R. SHAMBAL	JGH JR.		02/17/2009		
STEVE A. WHITE			02/13/2009		
DANIEL TAMEZ			10/23/2014		
RECEIVING PARTY DA	ТА				
Name:	HEART	WARE, INC.			
Street Address:	14420 N	W 60TH AVENUE			
City:	MIAMI L	AKES			
State/Country:	FLORID.	A			
Postal Code:	33014				
PROPERTY NUMBERS	Total: 1				
Property Type		Number			
Property Type Application Number:	1	Number 4471783			
Application Number:					
	ΑΤΑ				
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Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be using a fax number, if p</i> Phone:	ATA e sent to provided;	4471783 908)654-7866 the e-mail address first; if that is uns if that is unsuccessful, it will be sen 908) 518-6380			
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PATENT REEL: 034092 FRAME: 0213

Attorney Docket No. 78999-A/JPW/AHC

Assignment of Non-Provisional Application

In consideration of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned,

Jeffrey A. LaRose, residing at 10937 NW 61° Court, Parkland, Florida 33076, United States of America; Charles R. Shambaugh, Jr., residing at 707 Zamora Avenue, Coral Gables, Florida 33134, United States of America; and Steve A. White, residing at 2156 Greenview Cove Drive, Wellington, Florida 33414

Hereby sell, assign and transfer to HeartWare, Inc., a corporation of the State of Delaware, having a place of business at 14000 NW 57th Court, Miami Lakes, in the County of Miami-Dade and State of Florida, its successors, assigns and legal representatives, the entire right, title and interest for all countries, in and to any and all inventions which are disclosed and claimed, and any and all inventions which are disclosed and claimed, and any and all inventions which has been executed by the undersigned on 2/13/2009; 2/16/2009; 2/13/2009 and is entitled

VENTRICULAR ASSIST DEVICE FOR INTRAVENTRICULAR PLACEMENT

(U.S. SERIAL NO. 12/322,746, FILED FEBRUARY 6, 2009, CLAIMING BENEFIT OF U.S. PROVISIONAL APPLICATION NO S. 61/198,68 2, FILED NOVEMBER 7, 2008, AND 61/065,140, FILED FEBRUARY 8, 2008)

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for U.S. Letters Patent or other related property rights in any and all foreign countries which have been or shall be filed on any of said inventions disclosed in said application; and in and to all original and reissued patents or related foreign documents which have been or shall be issued on said inventions;

Authorize and request the Commissioner for Patents of the United States to issue to said Assignee, the corporation above named, its successors, assigns and legal representatives, in accordance with this assignment, any and all United States Letters Patent on said inventions or any of them disclosed in said application;

Agree that said Assignee may apply for and receive foreign Letters Patent or rights of any other kind for said inventions, or any of them; and may claim, in applications for said foreign Letters Patent or other rights, the priority of the aforesaid United States patent application under the provisions of the International Convention of 1883 and later modifications thereof under the Patent Cooperation Treaty, under the European Patent Convention or under any other available international agreement; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned or the undersigned's executors or administrators will, for the United States and all foreign countries, execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications or other documents on any and all said inventions; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known and documents available to the undersigned relating to said inventions and the history thereof testify in all legal proceedings; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said inventions and for vesting title to said inventions and all applications for patents or related foreign rights and all patents on said inventions, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Witness: STEN BOUL

[LSI]

Hear house Migni Lakes, FL jacknow

Date: D2/17/2019 Witness: My mele, Cambell MAGALIC, MARTINCZ 14000 N.W. 570F. Mi Amilakes, FL33014 Lela internet iner O |printed name)

Duis: 02/10/09 Witness: ______ (Honomed Michard A. Skinstern (proved as Heart Mars less, Mary lakes Flatheres) 33014

202405 [LSI] Charles R. Shambaugh, Jr.

ILSI

Steve A. White

former PTO/SB/15 (8-00) Modified LDLK&M

ASSIGNMENT

Docket Number (Optional) HEARTW 3.0-018

Whereas, Daniel Tamez, an individual located at 10976 Blackhawk Street; Plantation, Florida 33324, hereafter referred to as "assignor", is exclusive owners, of the following United States patent:

8.852,072 October 7, 2014 Daniel Tamez VENTRICULAR ASSIST DEVICE FOR INTRAVENTRICULAR Whereas. HeartWare, Inc. FOR INTRAVENTRICULAR a corporation of Delaware located and doing business at 14420 NW 60th Avenue: Mlami Lakes, Florida 33014 is desirous of acquiring the right, title and interest in and to the aforesaid patent, the inventions covered thereby, all improvements, additions and modifications in which the Assignee has or obtains rights. NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged. the Assignors hereby confirm that on February 8, 2008, Assignors sold, assigned and set over to Assignee the entire right, title and interest for the United States of America and all other countries in and to said inventions, all improvements, additions and modifications in which the Assignee has or obtains rights, and the aforesaid United States of America and all other countries, the same to be held and enjoyed by Assignee for its own use and enjoyment, together with all claims for damages by reason of past infringement of the patents, with the right to sue for, and collect the same for its own use and behoof, and Assignors, its legal representatives, heirs, and continuation, reissue apticulated and enjoyment, together with all daties, and to de generally eventy fing necessard patent, and emblyoxes respecting the inventions in any of the aforesaid patent, whenever requested, to testify in any interferences or other applectations for patents, foreign and domestic, relating to any of the aforesaid patent, and the Assignee, its successors, assigns and nominees to obtain patent protection for the inventions in the aforesaid patent, and to devent the Assignee, its successors, assigns and nominees to obtain patent protection for the inventions in the aforesaid patent in all co	Patent No.	Granted	Inventor(s)	Title
a corporation of <u>Delawate</u> located and doing business at 1420 NW 60th Avenue; Miami Lakes, Florida 33014 is desirous of acquiring the right, title and interest in and to the aforesaid patent, the inventions covered thereby, all improvements, additions and modifications in which the Assignee has or obtains rights. NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, the Assigners hereby confirm that on February 8, 2008, Assignors sold, assigned and set over to Assignee the entire right, title and interest for the United States of America and all other countries in and to said inventions, all improvements, additions and modifications in which the Assignee has or obtains rights, and the aforesaid United States patents, all divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, the same to be held and enjoyed by Assignee for its own use and helpott, and Assignes, its legal representatives, heirs and assigns hereby agree and covenant without further remuneration, to cause to be executed and delivered all divisional, continuation, reissue and other saging the facts known to Assigners, its legal representatives, heirs, officers and employees respecting the inventions in any of the aforesaid patent, and to communicate to the sasinge or its representatives and to do generally everything necessary to aid the Assignee, its successors, assigns and nominees to obtain patent protection for the inventions in the aforesaid patent in all countries, the expenses incident to these activities to be borne and paid by the Assignee.	8,852,072	October 7, 2014		FOR INTRAVENTRICULAR
a corporation of <u>Delawate</u> located and doing business at 1420 NW 60th Avenue; Miami Lakes, Florida 33014 is desirous of acquiring the right, title and interest in and to the aforesaid patent, the inventions covered thereby, all improvements, additions and modifications in which the Assignee has or obtains rights. NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, the Assignors hereby confirm that on February 8, 2008, Assignors sold, assigned and set over to Assignee the entire right, title and interest for the United States of America and all other countries in and to said inventions, all improvements, additions and modifications in which the Assignee has or obtains rights, and the aforesaid United States patents, all divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, the same to be held and enjoyed by Assignee for its own use and enjoyment, together with all claims for damages by reason of past infringement of the patents, with the right to sue for, and collect the same to be held and enjoyed by Assignee for its own use and behoof; and Assigners, its legal representatives, heirs, officers and enployees respecting the inventions in any of the aforesaid patent, and to communicate to the sasignee or its representatives and to do generally everything necessary to iad the assignee, its successors, assigns and nominees to obtain patent protection for the inventions in the aforesaid patent in all countries, the expenses incident to these activities to be borne and paid by the Assignee.				х.
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IO(Z3/14 (Signature) State of Florido) SS: County of NiAmi-DAde) On this 23 rd day of OCtober 2014 before me appeared DAniel TAMEZ the person who signed this instrument, who acknowledged that he signed it as a free act on behalf of HeartWare, Inc. with authority to do so. Magali Image:	hereby confirm that of interest for the Unite- and modifications in continuation, substitu America and all other with all claims for dar for its own use and without further remu applications for pate Assignee or its repre- respecting the invent legal proceedings in papers, make all righ	on February 8, 2008, Ass d States of America and which the Assignee has ite or reissue application countries, the same to be nages by reason of past behoof; and Assignors, i neration, to cause to be nts, foreign and domest esentatives all facts know ions in any of the afores which any of the afores itful oaths, and to do gen	ignors sold, assigned and s all other countries in and to or obtains rights, and the a ns and patents applied for be held and enjoyed by Assi- infringement of the patents, its legal representatives, he e executed and delivered a ic, relating to any of the a win to Assignors, its legal re- said patent, whenever reque- said patent granted therefore merally everything necessary	et over to Assignee the entire right, title and o said inventions, all improvements, additions foresaid United States patents, all divisional, or granted therefor in the United States of gnee for its own use and enjoyment, together with the right to sue for, and collect the same sirs and assigns hereby agree and covenant Il divisional, continuation, reissue and other foresaid patent, and to communicate to the presentatives, heirs, officers and employees ested, to testify in any interferences or other om, may become involved, to sign all lawful to aid the Assignee, its successors, assigns
State of <u>Florido</u>) SS: County of <u>Riami-Dade</u>) On this <u>23rd day of <u>DCfober</u>, <u>2014</u> before me appeared <u>DAniel TAMEZ</u> the person who signed this instrument, who acknowledged that he signed it as a free act on behalf of HeartWare, Inc. with authority to do so. Magali C. MARTINEZ Notary Public State of Florida Commission #EE058425 My Commission Expires March 22, 2015</u>		. 1	Assignee.	In
the person who signed this instrument, who acknowledged that he signed it as a free act on behalf of HeartWare, Inc. with authority to do so. Magali C. MARTINEZ Notary Public - State of Florida Commission #EE058425 My Commission Expires March 22, 2015	State of	lorida.) SS:)	(Signature)
(Notary Public) Commission #EE058425 (Notary Public) My Commission Expires March 22, 2015	the person who sig	ned this instrument, wh	before me appeared D to acknowledged that he	signed it as a free act on behalf of MAGALI C. MARTINEZ Notary Public - State of Florida
*Total of 1 forms are submitted.	*Total of) itted	My Commission Expires

PATENT REEL: 034092 FRAME: 0217

RECORDED: 11/03/2014