

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2843637

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JEFFREY A. LAROSE	02/13/2009
CHARLES R. SHAMBAUGH, JR.	02/17/2009
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	HEARTWARE, INC.
<b>Street Address:</b>	14420 NW 60TH AVENUE
<b>City:</b>	MIAMI LAKES
<b>State/Country:</b>	FLORIDA
<b>Postal Code:</b>	33014
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	13621551
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(908)654-7866
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	(908) 518-6450
<b>Email:</b>	Assignment@ldlkm.com
<b>Correspondent Name:</b>	LDLK&M
<b>Address Line 1:</b>	600 SOUTH AVENUE WEST
<b>Address Line 4:</b>	WESTFIELD, NEW JERSEY 07090
<b>ATTORNEY DOCKET NUMBER:</b>	HEARTW 3.0-006 CON
<b>NAME OF SUBMITTER:</b>	MARCUS J. MILLET
<b>SIGNATURE:</b>	/Marcus J. Millet/
<b>DATE SIGNED:</b>	05/06/2014
<b>Total Attachments: 3</b>	
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***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<sup>st</sup> Court, Parkland, Florida 33076, United States of America; and Charles R. Shambaugh, Jr., residing at 707 Zannora Avenue, Coral Gables, Florida 33134, United States of America

*Hereby sell, assign and transfer to HeartWare, Inc., a corporation of the State of Delaware, having a place of business at 14000 NW 57<sup>th</sup> 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 but not claimed, in the application for United States Patent, which has been executed by the undersigned on 2/13/2009 and 2/17/2009 and is entitled*

PLATINUM-COBALT-BORON BLOOD PUMP ELEMENT

(U.S. SERIAL NO. 12/322,821 , FILED FEBRUARY 6, 2009, CLAIMING BENEFIT OF U.S. PROVISIONAL APPLICATION NOS. 61/065,141, FILED FEBRUARY 8, 2008, AND 61/069,698, FILED MARCH 17, 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.

Date: 02/13/09

 [LSI]  
Jeffrey A. LaRose

Witness:  [signature]

Michael A. Steinhilber [printed name]

Howe & Ware, Inc., Mooresville, NC [address]

3301ef

Date: 02/17/89  
Witness: Juli C. Ceculino (signature)  
14000 N.W. 57 CT (printed name)  
MIAMI LAKES, FL 33014 (address)

Charles R. Shambaugh, Jr.  
Charles R. Shambaugh, Jr.

(LSH)