

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JEFFREY A. LAROSE	12/04/2006
UDAI SINGH	12/08/2006
RECEIVING PARTY DATA	
Name:	HEARTWARE, INC.
Street Address:	14420 NW 60TH AVENUE
City:	MIAMI LAKES
State/Country:	FLORIDA
Postal Code:	33014
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13939964
CORRESPONDENCE DATA	
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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
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Correspondent Name:	LDLK&M
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Address Line 4:	WESTFIELD, NEW JERSEY 07090
ATTORNEY DOCKET NUMBER:	HEARTW 3.9-080 CIP CON CO
NAME OF SUBMITTER:	MARCUS J. MILLET
SIGNATURE:	/Marcus J. Millet/
DATE SIGNED:	05/13/2014
Total Attachments: 2	
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Assignment

In consideration of One Dollar (\$1.00), and other good and valuable considerations, the receipt of which is hereby acknowledged, we, the undersigned, Jeffrey A. LaRose, residing at 10937 N.W. 61st Court, Parkland, Florida 33076, United States of America; and Udai Singh, residing at 210 Whiteberry Drive, Cary, North Carolina 27519, United States of America

Hereby sell, assign and transfer to HeartWare, Inc.
 Delaware a corporation of the State of
 Florida 33025, United States of America
 having a place of business at 3351 Executive Way, Miramar,
 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 December 4,
 2006 and December 8, 2006
 and is entitled

SENSORLESS FLOW ESTIMATION FOR IMPLANTED VENTRICLE ASSIST DEVICE
 (U.S. Serial No. 11/597,230 , §371 national stage of PCT International
 Application No. PCT/US2005/018333, filed May 24, 2005, claiming priority of
 U.S. Serial No. 10/853,302, filed May 25, 2004)

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 of 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: December 4 2006 [Signature] [L.S.]
Jeffrey A. LaRose

Witness:
[Signature]
Michael Skowron
6201 Collins Ave #2501, Miami Beach FL 33141

Date: December 8th 2006 [Signature] [L.S.]
Uday Singh

Witness:
[Signature]
Lizette Santos
20 Whiteberry Dr. Cary NC 27519