

<b>PATENT ASSIGNMENT COVER SHEET</b>
--------------------------------------

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3404681

<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	06/16/2015
JOHN RUDSER	06/15/2015
MICHAEL ASHENUGA	06/12/2015
<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>
<b>Application Number:</b>	14133905
<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 using a fax number, if provided; 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 3.0-024
<b>NAME OF SUBMITTER:</b>	MELINDA C. CORMIER
<b>SIGNATURE:</b>	/Melinda C. Cormier/
<b>DATE SIGNED:</b>	06/19/2015
<b>Total Attachments: 3</b>	
source=HEARTW. 3#page1.tif	
source=HEARTW. 3#page2.tif	
source=HEARTW. 3#page3.tif	

<b>ASSIGNMENT OF UTILITY APPLICATION</b>	Docket Number (Optional) <b>HEARTW 3.0-024</b>
--	---

Whereas, I, Jeffrey A. LaRose of  
2641 N. Flamingo Road; Apt. 1804; Sunrise, Florida 33323

hereafter referred to as assignor, have with others invented certain new and useful improvements in  
CONTROLLER AND POWER SOURCE FOR IMPLANTABLE BLOOD PUMP

for which an application for a United States Letters Patent was filed on December 19, 2013

Application Number 14/133,905

for which an application for a United States Letters Patent was executed by me on \_\_\_\_\_ ,  
and

Whereas, HeartWare, Inc.  
a corporation of Delaware herein referred to as "assignee" whose mailing address is  
14420 NW 60th Avenue; Miami Lakes, Florida 33014

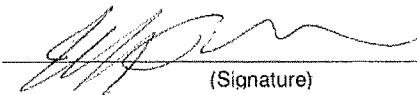
is desirous of acquiring the entire right, title and interest in the same;

NOW, THEREFORE, in consideration of the sum of one dollars (\$ 1.00 ), the receipt whereof is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said assignee my entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid utility patent application and all original, divisional, continuation, continuation-in-part, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, for said invention, including without limitation all applications and patents for said invention claiming priority or benefit of the aforesaid utility application pursuant to any law or treaty, and including the right to claim such priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses incident to said applications to be borne and paid by said assignee.

I, as assignor, hereby assign to said assignee all of my right, title and interest in United States Provisional Application No. 61/749,038, filed January 4, 2013, and in the invention disclosed thereto in all countries of the world including the right to claim priority or benefit of said Application No. 61/749,038 pursuant to any law or treaty in the countries of the world.

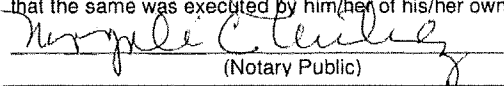
And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application when known.

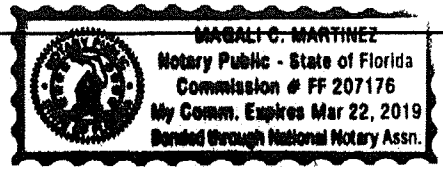
16 JUNE 2015  
(Date)

  
(Signature)

State of Florida ) SS:  
County of Miami-Dade )

On this 16 day of June, 2015 before me personally came the above-named Jeffrey A. LaRose, to me personally known as the individual who executed the foregoing instrument, who acknowledged to me that the same was executed by him/her of his/her own free will for the purposes therein set forth.

  
(Notary Public)



<b>ASSIGNMENT OF UTILITY APPLICATION</b>	Docket Number (Optional) <b>HEARTW 3.0-024</b>
--	---

Whereas, I, John Rudser of 3301 NE 1st, Apt. M605; Miami, Florida 33137

hereafter referred to as assignor, have with others invented certain new and useful improvements in CONTROLLER AND POWER SOURCE FOR IMPLANTABLE BLOOD PUMP

for which an application for a United States Letters Patent was filed on December 19, 2013

Application Number 14/133,905

for which an application for a United States Letters Patent was executed by me on \_\_\_\_\_ and

Whereas, HeartWare, Inc. a corporation of Delaware herein referred to as "assignee" whose mailing address is 14420 NW 60th Avenue; Miami Lakes, Florida 33014

is desirous of acquiring the entire right, title and interest in the same;

NOW, THEREFORE, in consideration of the sum of one dollars (\$ 1.00 ), the receipt whereof is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said assignee my entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid utility patent application and all original, divisional, continuation, continuation-in-part, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, for said invention, including without limitation all applications and patents for said invention claiming priority or benefit of the aforesaid utility application pursuant to any law or treaty, and including the right to claim such priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses incident to said applications to be borne and paid by said assignee.

I, as assignor, hereby assign to said assignee all of my right, title and interest in United States Provisional Application No. 61/749,038, filed January 4, 2013, and in the invention disclosed thereto in all countries of the world including the right to claim priority or benefit of said Application No. 61/749,038 pursuant to any law or treaty in the countries of the world.

And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application when known.

15-June-2015  
(Date)

John Rudser  
(Signature)

State of Florida ) SS:  
County of Miami-Dade )

On this 15 day of June, 2015 before me personally came the above-named John Rudser, to me personally known as the individual who executed the foregoing instrument, who acknowledged to me that the same was executed by him/her of his/her own free will for the purposes therein set forth.

Margali C. Martinez  
(Notary Public)



<b>ASSIGNMENT OF UTILITY APPLICATION</b>	Docket Number (Optional) <b>HEARTW 3.0-024</b>
--	---

Whereas, I, Michael Ashenuga of 23 Rexhame St., Roslindale, Massachusetts hereafter referred to as assignor, have with others invented certain new and useful improvements in CONTROLLER AND POWER SOURCE FOR IMPLANTABLE BLOOD PUMP  for which an application for a United States Letters Patent was filed on December 19, 2013 Application Number 14/133,905  for which an application for a United States Letters Patent was executed by me on \_\_\_\_\_, and

Whereas, HeartWare, Inc. a corporation of Delaware herein referred to as "assignee" whose mailing address is 14420 NW 60th Avenue; Miami Lakes, Florida 33014 is desirous of acquiring the entire right, title and interest in the same;

NOW, THEREFORE, in consideration of the sum of one dollars (\$ 1.00 ), the receipt whereof is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said assignee my entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid utility patent application and all original, divisional, continuation, continuation-in-part, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, for said invention, including without limitation all applications and patents for said invention claiming priority or benefit of the aforesaid utility application pursuant to any law or treaty, and including the right to claim such priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses incident to said applications to be borne and paid by said assignee.

I, as assignor, hereby assign to said assignee all of my right, title and interest in United States Provisional Application No. 61/749,038, filed January 4, 2013, and in the invention disclosed thereto in all countries of the world including the right to claim priority or benefit of said Application No. 61/749,038 pursuant to any law or treaty in the countries of the world.

And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application when known.

June 12, 2015 (Date) Michael Ashenuga (Signature)

State of Massachusetts ) SS:  
County of Middlesex )

On this 12 day of June, 2015 before me personally came the above-named Michael Ashenuga, to me personally known as the individual who executed the foregoing instrument, who acknowledged to me that the same was executed by him/her of his/her own free will for the purposes therein set forth.

Heather D. Meterparel  
(Notary Public)