

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT7412992

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	PAUL A. SPENCE	07/13/2018
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	HBX LLC	
<b>Street Address:</b>	620 SOUTH THIRD STREET	
<b>Internal Address:</b>	SUITE 205	
<b>City:</b>	LOUISVILLE	
<b>State/Country:</b>	KENTUCKY	
<b>Postal Code:</b>	40202	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	17547588
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(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>		
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<b>Email:</b>	ddoyle@cooley.com	
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<b>Address Line 2:</b>	ATTN: IP DOCKETING DEPARTMENT	
<b>Address Line 4:</b>	WASHINGTON, D.C. 20004	
<b>ATTORNEY DOCKET NUMBER:</b>	HBXI-001/10US	
<b>NAME OF SUBMITTER:</b>	C. SCOTT TALBOT	
<b>SIGNATURE:</b>	/C. Scott Talbot/	
<b>DATE SIGNED:</b>	07/01/2022	
<b>Total Attachments: 4</b>		
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source=HBXI-001_10US-Inv. Assignment#page4.tif		

**ASSIGNMENT OF INVENTION AND PATENTS THEREON**

WHEREAS, I (we), Paul A. Spence of 5818 Orion Road, Louisville, Kentucky 40222 (hereinafter "Assignor"), is the sole and exclusive owners of the entire right, title and interest in, to and under the patent applications listed as follows:

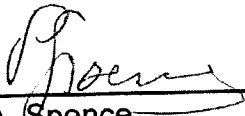
<u>SERIAL NO.</u>	<u>FILING DATE</u>	<u>COUNTRY</u>	<u>TITLE</u>
62/370,435	August 3, 2016	U.S.	DEVICES, SYSTEMS AND METHODS TO PREVENT HEART BLOCK WITH PERCUTANEOUS AORTIC VALVE REPLACEMENT
62/381,885	August 31, 2016	U.S.	DEVICES, SYSTEMS AND METHODS TO IMPROVE PLACEMENT AND PREVENT HEART BLOCK WITH PERCUTANEOUS AORTIC VALVE REPLACEMENT
62/411,153	October 21, 2016	U.S.	AORTIC VALVE MODIFICATIONS TO PREVENT HEART BLOCK
62/445,420	January 12, 2017	U.S.	PROSTHETIC AORTIC VALVE MODIFICATIONS AND METHODS TO PREVENT HEART BLOCK
62/445,446	January 12, 2017	U.S.	DEVICES, SYSTEMS AND METHODS TO IMPROVE PLACEMENT AND PREVENT HEART BLOCK WITH PERCUTANEOUS AORTIC VALVE REPLACEMENT
62/467,394	March 6, 2017	U.S.	DEVICES, SYSTEMS AND METHODS TO PREVENT HEART BLOCK

15/873,932	January 18, 2018	U.S.	DEVICES, SYSTEMS AND METHODS TO IMPROVE PLACEMENT AND PREVENT HEART BLOCK WITH PERCUTANEOUS AORTIC VALVE REPLACEMENT
PCT/US17/045070	August 2, 2017	PCT	DEVICES, SYSTEMS AND METHODS TO IMPROVE PLACEMENT AND PREVENT HEART BLOCK WITH PERCUTANEOUS AORTIC VALVE REPLACEMENT
62/684,278	June 13, 2018		PREVENTION OF HEART BLOCK

WHEREAS, HBX LLC, a corporation organized under the laws of the State of Kentucky and having its principal office at 620 South Third Street, Suite 205, Louisville, Kentucky 40202 (hereinafter "Assignee"), desires to acquire the entire interest in and to the subject matter disclosed in said applications and in and to all patents issued or to be issued thereon.

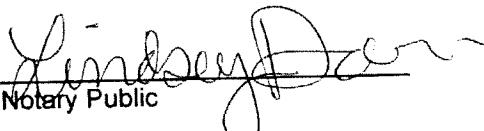
NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, effective even date herewith, said Assignor does by these presents hereby sell, assigns, transfers and sets over to Assignee, its legal representatives, successors and assigns, all of its right, title and interest in and to said Letters Patent, and in and to the subject matter disclosed therein, and any continuations, divisions, renewals, substitutes or reissues thereof, and in and to all Letters Patents Domestic and Foreign issued or to be obtained thereon, including all rights and interests with priority rights under the Paris Convention for the Protection of Industrial Property, the International Patent Cooperative Union, European Patent Convention, Common Market Convention, or any other Convention or Union for each country of said Convention or Union, the same to be held and enjoyed by Assignee, to the end of the term or terms for which said Letters Patent are or may be granted or reissued as fully and entirely as the same would have been held by said Assignor, had said sale, transfer and assignment not been made; together with all claims for damages by reason of past infringement of

said Letters Patents, with a right to sue for, and collect the same for its own use and behoof, and for the use and behoof of its successors, assigns or other legal representatives; and said Assignor does hereby ratify and confirm in all respects the aforesaid sale, transfer and assignment of said inventions, said applications for Letters Patents and said Letters Patents to Assignee.

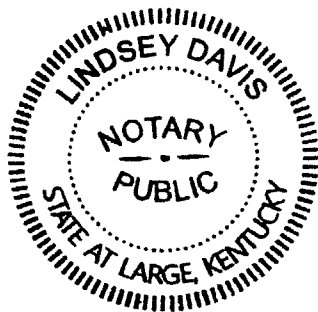
  
\_\_\_\_\_  
Paul A. Spence

STATE OF KENTUCKY                    )  
  )       SS  
COUNTY OF JEFFERSON            )

On this 13 day of JULY, 2018, before me personally appeared Paul A. Spence, to me known and known to me to be the individual aforesaid who duly acknowledged the signing of the foregoing instrument to be his voluntary act and deed and who executed the same for the uses and purposes therein specified.

  
\_\_\_\_\_  
Notary Public

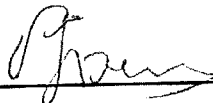
(SEAL)



My Commission Expires JUNE 4, 2022

I hereby accept this Patent Assignment.

HBX LLC

By 

Date: July 13 2018

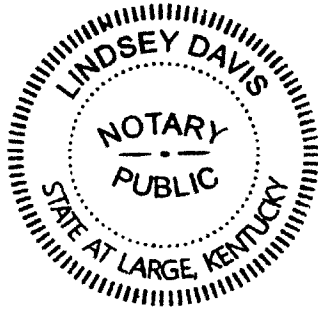
Printed Name Paul A. Spence

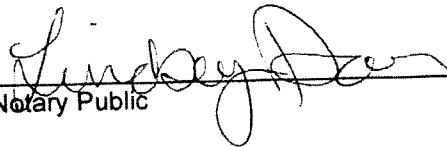
Title President

STATE OF KENTUCKY )  
 ) SS  
COUNTY OF JEFFERSON

On this 13 day of July, 2018 before me personally appeared Paul A. Spence to me known and known by me to be the above-named individual who acknowledged the signing of the foregoing instrument to be a voluntary act and deed and who executed the same for the uses and purposes therein specified.

(Seal)



  
Notary Public

Commission Expires JUNE 4, 2022