

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
IVAN OSORIO	10/20/2010
MARK G FREI	10/21/2010
RECEIVING PARTY DATA	
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Street Address:	900 MASSACHUSETTS
City:	LAWRENCE
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Postal Code:	66044
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14658007
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NAME OF SUBMITTER:	JAISON C. JOHN
SIGNATURE:	/Jaison C. John/
DATE SIGNED:	03/17/2015
Total Attachments: 2	
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ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do(es) hereby:

SELL, ASSIGN AND TRANSFER to **Flint Hills Scientific, L.L.C.** (the "Assignee"), a Kansas Limited Liability Company, having a place of business at 2513 Via Linda Drive, Lawrence, KS 66047, the entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewith and is entitled **DETECTING OR VALIDATING A DETECTION OF A STATE CHANGE FROM A TEMPLATE OF HEART RATE DERIVATIVE SHAPE OR HEART BEAT WAVE COMPLEX**, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

Signature: I. Osorio Date: 10/20/2010
Ivan Osorio

STATE OF Texas §
COUNTY OF Harris §

BEFORE ME, the undersigned authority, on this 20th day of October, 2010, personally appeared Ivan Osorio, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.



Kathryn Danas
Notary or Consular Officer

Signature: Mark Frei Date: 10/21/2010
Mark Frei

STATE OF Kansas §
COUNTY OF Douglas §

BEFORE ME, the undersigned authority, on this 21st day of Oct, 2010, personally appeared Mark Frei, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.



Patty L. Huntzinger
Notary or Consular Officer