504225280 02/13/2017

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 |

RECEIVING PARTY DATA

| Name: | FLINT HILLS SCIENTIFIC, L.L.C. |
|-------------------|--------------------------------|
| Street Address: | 900 MASSACHUSETTS STREET |
| Internal Address: | SUITE 500 |
| City: | LAWRENCE |
| State/Country: | KANSAS |
| Postal Code: | 66044 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|----------------|---------|
| Patent Number: | 8452387 |

CORRESPONDENCE DATA

Fax Number:

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.

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Correspondent Name: STEPHEN EISENMANN Address Line 1: 230 SHORES DRIVE

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| ATTORNEY DOCKET NUMBER: | 1000.214CON |
|-------------------------|---------------------|
| NAME OF SUBMITTER: | STEPHEN EISENMANN |
| SIGNATURE: | /Stephen Eisenmann/ |
| DATE SIGNED: | 02/13/2017 |

Total Attachments: 2

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PATENT 504225280 REEL: 041240 FRAME: 0127

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;

I Assignment

PATENT REEL: 041240 FRAME: 0128

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: 10/20/2010 Ivan Osorio |
|--|
| STATE OF JULAS & COUNTY OF Haves & |
| BEFORE ME, the undersigned authority, on this 20th day of 0chber, 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. |
| [SEA KATHEYYN DANAS MY COMMISSION EXPIRES December 7, 2013 Walkry Lakes |
| Signature: $\frac{Mark Frei}{Mark Frei}$ Date: $\frac{10/21/2010}{10/21/2010}$ |
| STATE OF Kansas & |
| STATE OF Kansas & COUNTY OF Douglas & |
| BEFORE ME, the undersigned authority, on this 2 day of 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. |
| [SEAL] MOTARY PUBLIC State of Nansas Notary or Consular Officer Notary or Consular Officer |

Assignment