# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	UCC FINANCING STATEMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
HEART TEST LABORATORIES INC	03/14/2014

#### **RECEIVING PARTY DATA**

Name:	GUANGREN CHEN C/O TAYLOR DUNHAM AND RODRIGUEZ LLP
Street Address:	301 CONGRESS AVENUE
Internal Address:	SUITE 1050
City:	AUSTIN
State/Country:	TEXAS
Postal Code:	78701

## **PROPERTY NUMBERS Total: 6**

Property Type	Number
Patent Number:	8219186
Application Number:	13385739
Application Number:	12764146
Application Number:	12398759
Application Number:	12386018
PCT Number:	US2010026047

#### **CORRESPONDENCE DATA**

**Fax Number:** (512)478-4409

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.

**Phone:** 512-473-2257

**Email:** agaw@taylordunham.com

Correspondent Name: ALEX GAW

Address Line 1: 301 CONGRESS AVENUE

Address Line 2: SUITE 1050

Address Line 4: AUSTIN, TEXAS 78701

NAME OF SUBMITTER:	ALEX GAW
SIGNATURE:	/alex gaw/
DATE SIGNED:	07/14/2014

# **Total Attachments: 6**

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April 01, 2014

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Taylor Dunham L.L.P.

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Party Type

Party Name and Address

Debtor

HEART TEST LABORATORIES, INC.

5712 COLLEYVILLE BLVD., SUITE 229, COLLEYVILLE, TX, USA, 76034

Secured Party

**CHEN GUANGREN** 

C/O DON TAYLOR, 301 CONGRESS AVE. SUITE 1050, AUSTIN, TX, USA, 78701

Please feel free to contact us at 512-475-2703 if you have any questions regarding the above information.

User ID: ACHOTIROS

Phone: 512-475-2703

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# Collateral (Exhibit A to Security Agreement and Pledge)

## 1. Covered Technology

———"Govered-Technology"-means-the-MyoVista-Device; MyoVista-Hardware, MyoVista-Software, and Technical Information, including MyoVista Updates and related Documentation, as defined below.

"MyoVista Device" means the unitary system developed by Grantor as of the Effective Date, fully operational as a unit, for non-invasively diagnosing abnormalities of the ventricular myocardium by measurement and analysis of electrical heart signals using a non-linear 2D waveform presented using color image elements including lcon and Index to identify abnormalities and for measuring the ratio between the strength (energy) of the left ventricle as compared to the strength (energy) of the right ventricle.

"MyoVista Hardware" means systems, devices, system interfaces, components, used in the MyoVista Device, in whole and part, for non-invasively diagnosing abnormalities of the myocardium using measurement and analysis of electrical signals, including the MyoVista Device itself.

"MyoVista Software" means any software product or code (object, source, machine and other), formulas, algorithms, specifications, software interfaces, user interfaces, software methods and processes for diagnosing abnormalities of the myocardium using measurement and analysis of electrical signals for use with the MyoVista Hardware, in whole or part, including 2D color elements and Icon and Index, including such product, codes, formulas, algorithms, specifications, interfaces, methods and processes for operating, testing or using any MyoVista Device.

"MyoVista Updates" means upgrades, modifications, improvements, enhancements, new versions, new releases, new firmware, corrections and/or derivative works (including any error corrections, patches and bug fixes) with respect to the Covered Technology. For the avoidance of doubt, Grantor shall not be required under this Agreement to develop MyoVista Updates; however, developments of Grantor, if any, that would qualify as MyoVistaUpdates under the definition shall be included in the meaning.

"Technical Information" means any and all unpublished research and development information, know-how, trade secrets, works of authorship, software (whether insource or object code form), designs, conceptions, inventions, instructions, techniques, formulae, systems interfaces, user interfaces, specifications, data, schematics, research or development documentation, and technical data reduced to and fixed in some tangible medium or other transferrable form that (i) describes, directly relates to or was used in developing any Covered Technology; or (ii) is used for or to direct or instruct the production, manufacture, operation, maintenance, repair, sale, or use of the Covered Technology, or to train to use, operate, maintain or repair the MyoVista Device, including that Technical Information as of the Effective Date for the MyoVista Device listed on Exhibit A-2 attached hereto.

"Documentation" means all manuals, user guides, instructions, specifications, and drawings and similar information or materials.

# Collateral (Exhibit A to Security Agreement and Pledge)

# 1. Covered Technology

"Covered Technology" means the MyoVista Device, MyoVista Hardware, MyoVista Software, and Technical Information, including MyoVista Updates and related Documentation, as defined below.

"MyoVista Device" means the unitary system developed by Grantor as of the Effective Date, fully operational as a unit, for non-invasively diagnosing abnormalities of the ventricular myocardium by measurement and analysis of electrical heart signals using a non-linear 2D waveform presented using color image elements including Icon and Index to identify abnormalities and for measuring the ratio between the strength (energy) of the left ventricle as compared to the strength (energy) of the right ventricle.

"MyoVista Hardware" means systems, devices, system interfaces, components, used in the MyoVista Device, in whole and part, for non-invasively diagnosing abnormalities of the myocardium using measurement and analysis of electrical signals, including the MyoVista Device itself.

"MyoVista Software" means any software product or code (object, source, machine and other), formulas, algorithms, specifications, software interfaces, user interfaces, software methods and processes for diagnosing abnormalities of the myocardium using measurement and analysis of electrical signals for use with the MyoVista Hardware, in whole or part, including 2D color elements and Icon and Index, including such product, codes, formulas, algorithms, specifications, interfaces, methods and processes for operating, testing or using any MyoVista Device.

"MyoVista Updates" means upgrades, modifications, improvements, enhancements, new versions, new releases, new firmware, corrections and/or derivative works (including any error corrections, patches and bug fixes) with respect to the Covered Technology. For the avoidance of doubt, Grantor shall not be required under this Agreement to develop MyoVista Updates; however, developments of Grantor, if any, that would qualify as MyoVistaUpdates under the definition shall be included in the meaning.

"Technical Information" means any and all unpublished research and development information, know-how, trade secrets, works of authorship, software (whether insource or object code form), designs, conceptions, inventions, instructions, techniques, formulae, systems interfaces, user interfaces, specifications, data, schematics, research or development documentation, and technical data reduced to and fixed in some tangible medium or other transferrable form that (i) describes, directly relates to or was used in developing any Covered Technology; or (ii) is used for or to direct or instruct the production, manufacture, operation, maintenance, repair, sale, or use of the Covered Technology, or to train to use, operate, maintain or repair the MyoVista Device, including that Technical Information as of the Effective Date for the MyoVista Device listed on Exhibit A-2 attached hereto.

"Documentation" means all manuals, user guides, instructions, specifications, and drawings and similar information or materials.

# Exhibit A-2: Trademark Rights, Copyrights, Know-how and Trade Secrets (Chen Deliverables)

#### 2. Trademarks

Registered and common law trademark and name rights to "i ECG", "I-ECG", "Heart Test Laboratories", "HTL" and "MyoVista"

### 3. Copyrights

Technical drawings including electronic schematics, board layout designs and technical drawings relating to manufacturing the ECG sampling board

All software including all formulas and algorithms, necessary to operate the Android or Microsoft versions of the MyoVista including icon and index and waveform features. This also includes the latest versions of the source and compiled code and any required passwords needed to operate or modify the software.

#### 4. Know-how and Trade Secrets

Android versions of the MyoVista that includes all of the features with all of the related documentation necessary to operate the device properly.

Technical drawings including electronic schematics, board layout designs and technical drawings relating to manufacturing the ECG sampling board

All supplier information for the components and or services required to manufacture the android version of the MyoVista. This includes the supplier names, contact information and pricing of the component or service supplied.

All software including all formulas and algorithms, necessary to operate the Android or Microsoft versions of the MyoVista including icon and index and waveform features. This also includes the latest versions of the source and compiled code and any required passwords needed to operate or modify the software.

# 5. Patents and Patent Applications

- U.S. Patent No. 8,219,186, issued on July 10, 2012 to Guangren Chen, entitled "Non-invasive system and method for scanning the heart," and all foreign filings relating thereto;
- U.S. Patent Application Serial No. 13/385,739 (Pub. No. US 2012/0296227), filed on March 5, 2012, titled "Electro-myocardial cardiogram (EmCG) Parameter's CSS/RSS for calculating heart performance," and any foreign filings relating thereto;
- iii. U.S. Patent Application Ser. No. 12/764,146 (Pub. No. US 2011/0263995), filed on April 21, 2010, titled "Comprehensive Myocardial Repolarization Captures Wave-Format Method," and any foreign filings relating thereto;
- iv. U.S. Patent Application Ser. No. 12/398,759 (Pub. No. US 2010/0228138), filed on March 5, 2009, titled "System and Method for Scanning the Heart," and any foreign filings relating thereto;

- v. International (PCT) Application Serial No. PCT/US10/26047 (WO 2010/101999) filed on March 3, 2010, titled "System and Method for Scanning the Heart," and any national filings relating thereto;
- vi. U.S. Patent Application Serial No. 12/386,018 (Pub. No. US 2010/0261991), filed on October 14, 2010, titled "Apparatus for wire or wireless ECG machine with only two leads", and any foreign filings relating thereto;
- vii. U.S. (Design) Patent Application No. \_\_\_\_\_\_ filed \_\_\_\_\_, titled "A Book Display of a Myovista Machine," and any foreign filings relating thereto;
- viii. U.S. Patent Application Serial No. \_\_\_\_\_, filed \_\_\_\_\_, filed \_\_\_\_\_, titled "Electro-myocardial cardiogram (EmCG) Parameter's GREM/GRLM/GEAM for calculating heart performance," and any foreign filings relating thereto;
  - ix. All patents, patent applications, divisions, continuations, continuations-in-part, reissues, substitutes, and extensions of the foregoing;
- 6. MyoVista Devices & Inventory including modification, upgrades, and derivative technologies and devices.

PATENT REEL: 033311 FRAME: 0280

RECORDED: 07/14/2014