

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT3476805

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY INTEREST
CONVEYING PARTY DATA	
Name	Execution Date
HEALTH DIAGNOSTIC LABORATORY, INC.	08/07/2015
INTEGRATED HEALTH LEADERS, LLC	08/07/2015
RECEIVING PARTY DATA	
Name:	CVF BEADSEA LLC, AS COLLATERAL AGENT
Street Address:	49 W. PUTNAM AVENUE
City:	GREENWICH
State/Country:	CONNECTICUT
Postal Code:	06830
PROPERTY NUMBERS Total: 44	
Property Type	Number
Patent Number:	7252954
Patent Number:	7498128
Patent Number:	8097425
Patent Number:	8637321
Patent Number:	8119358
Patent Number:	8137977
Patent Number:	8232065
Patent Number:	7723050
Application Number:	12528065
Patent Number:	9057736
Patent Number:	8409816
Application Number:	13504478
Application Number:	13504720
Patent Number:	8357497
Application Number:	13746216
Application Number:	13793791
Application Number:	13797560
Patent Number:	9034585
Application Number:	13827447

PATENT

Property Type	Number
Patent Number:	9005419
Application Number:	14038698
Application Number:	14043646
Application Number:	14074306
Application Number:	14153994
Application Number:	14154074
Application Number:	14194142
Application Number:	14209941
Application Number:	14210884
Application Number:	14216850
Application Number:	14278910
Application Number:	14470543
Application Number:	14504105
Application Number:	14504120
Application Number:	14519568
Application Number:	14559058
Application Number:	14575374
Application Number:	14575836
Application Number:	14579639
Application Number:	14670609
Application Number:	14704286
Patent Number:	8420344
Application Number:	13797505
Application Number:	14717698
Application Number:	12274764

CORRESPONDENCE DATA

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NAME OF SUBMITTER:	DUSTIN TIMBLIN
SIGNATURE:	/Dustin Timblin/

DATE SIGNED:	08/10/2015
Total Attachments: 8 source=CVP HD Labs Patent Security Agreement#page1.tif source=CVP HD Labs Patent Security Agreement#page2.tif source=CVP HD Labs Patent Security Agreement#page3.tif source=CVP HD Labs Patent Security Agreement#page4.tif source=CVP HD Labs Patent Security Agreement#page5.tif source=CVP HD Labs Patent Security Agreement#page6.tif source=CVP HD Labs Patent Security Agreement#page7.tif source=CVP HD Labs Patent Security Agreement#page8.tif	

NOTICE
OF
GRANT OF SECURITY INTEREST
IN
PATENTS

United States Patent and Trademark Office

Ladies and Gentlemen:

Please be advised that pursuant to the Pledge and Security Agreement dated as of August 7, 2015, the undersigned Grantor and the Collateral Agent, on behalf of the holders of the Secured Obligations, hereby acknowledge and agree that the security interest in the foregoing patents and patent applications (i) may only be terminated in accordance with the terms of the Agreement and (ii) is not to be construed as an assignment of any patent or patent application.

THIS NOTICE OF GRANT OF SECURITY INTEREST IN PATENTS SHALL BE GOVERNED BY AND CONSTRUED IN ACCORDANCE WITH THE LAWS OF THE STATE OF NEW YORK WITHOUT REGARD TO ANY CONFLICTS OF LAW PRINCIPLES THEREOF OTHER THAN SECTIONS 5-1401 OF THE NEW YORK GENERAL OBLIGATIONS LAW.

Very truly yours,

HEALTH DIAGNOSTIC LABORATORY, INC.

By: 

Name: Martin McGahan

Title: Chief Restructuring Officer

INTEGRATED HEALTH LEADERS, LLC

By: 

Name: Martin McGahan

Title: Chief Restructuring Officer

Acknowledged and Accepted:

CVF Beads, LLC, as Collateral Agent

By: 

Name: Grant Pothast

Title: Managing Director

[Signature Page to Patent Security Agreement]

4839-3881-1174

PATENT
REEL: 036292 FRAME: 0169

Schedule 1

A. Health Diagnostic Laboratory, Inc.

No.	Patent Title	Application No./ Filing Date	Publication No./ Publication Date	Patent No./ Issue Date	Status
1	SETS OF DIGITAL ANTIBODIES DIRECTED AGAINST SHORT EPITOPES, AND METHODS USING SAME	10687174 10-15-2003	20040166106 08-26-2004	7252954 08-07-2007	Issued
2	METHODS OF DETERMINING CONTRIBUTIONS TO METABOLIC PATHWAYS	11296829 12-06-2005	20060084129 04-20-2006	7498128 03-03-2009	Issued
3	MULTIPLEX PROTEIN FRACTIONATION	11717280 03-12-2007	20080176246 07-24-2008	8097425 01-17-2012	Issued
4	LIPIDOMICS APPROACHES FOR CENTRAL NERVOUS SYSTEM DISORDERS	12091213 12-10-2008	20090305323 12-10-2009	8637321 01-28-2014	Issued
5	DIABETES-RELATED BIOMARKERS AND METHODS OF USE THEREOF	12106070 04-18-2008	20090012716 01-08-2009	8119358 02-21-2012	Issued
6	LIPIDOMIC APPROACHES TO DETERMINING DRUG RESPONSE PHENOTYPES IN CARDIOVASCULAR DISEASE	12257957 10-24-2008	2009197242 08-06-2009	8137977 03-20-2012	Issued
7	SYSTEMS AND METHODS FOR DEVELOPING DIAGNOSTIC TESTS BASED ON BIOMARKER INFORMATION FROM LEGACY CLINICAL SAMPLE SETS	12300019 06-29-2009	20110098187 04-28-2011	8232065 07-31-2012	Issued
8	DIABETES-RELATED BIOMARKERS AND METHODS OF USE THEREOF	12501385 07-10-2009	20090271124 10-29-2009	7723050 05-25-2010	Issued
9	METABOLIC MARKERS OF DIABETIC CONDITIONS AND METHODS OF USE THEREOF	12528065 04-06-2010	20100197028 08-05-2010	--	Pending/Published

No.	Patent Title	Application No./ Filing Date	Publication No./ Publication Date	Patent No./ Issue Date	Status
10	MARKERS ASSOCIATE WITH ARTERIOVASCULAR EVENTS AND METHODS OF USE THEREOF	12755146 04-06-2010	20110008805 01-13-2011	9057736 06-16-2015	Issued
11	DIABETES-RELATED BIOMARKERS AND METHODS OF USE THEREOF	13253578 10-05-2011	20120179484 07-12-2012	8409816 04-02-2013	Issued
12	METHOD FOR DETERMINING RISK OF DIABETES	13504478 08-15-2012	20120309030 12-06-2012	--	Pending/Published
13	PROTEIN AND LIPID BIOMARKERS PROVIDING CONSISTENT IMPROVEMENT TO THE PREDICTION OF TYPE 2 DIABETES	13504720 09-17-2012	20120328594 12-27-2012	--	Allowed 07-23-2015
14	SYSTEMS AND METHODS FOR DEVELOPING DIAGNOSTIC TESTS BASED ON BIOMARKER INFORMATION FROM LEGACY CLINICAL SAMPLE SETS	13561913 07-30-2012	20120289434 11-15-2012	8357497 01-22-2013	Issued
15	SYSTEMS AND METHODS FOR DEVELOPING DIAGNOSTIC TESTS BASED ON BIOMARKER INFORMATION FROM LEGACY CLINICAL SAMPLE SETS	13746216 01-21-2013	20130267442 10-10-2013	--	Pending/Published
16	OSTEOPOROSIS ASSOCIATED MARKERS AND METHODS OF USE	13793791 03-11-2013	20140072571 03-13-2014	--	Pending/Published
17	RAPID AND HIGH-THROUGHPUT ANALYSIS OF STEROLS/STANOLS OR DERIVATIVES THEREOF	13797560 03-12-2013	20130316462 11-28-2013	--	Pending/Published
18	DIABETES-RELATED BIOMARKERS AND METHODS OF USE THEREOF	13826398 03-14-2013	20140147850 05-29-2014	9034585 05-19-2015	Issued
19	PROCESS AND APPARATUS FOR RAPID, HIGH-THROUGHPUT	13827447	20130316388	--	Pending/Published

No.	Patent Title	Application No./ Filing Date	Publication No./ Publication Date	Patent No./ Issue Date	Status
	ANALYSIS OF FATTY ACIDS	03-14-2013	11-28-2013		
20	COMPOSITION AND METHOD FOR GEL ELECTROPHORESIS WITH IN-SITU CALIBRATION	13904830 05-29-2013	20130319864 12-05-2013	9005419 04-14-2015	Issued
21	METHOD FOR DETERMINING AND MANAGING TOTAL CARDIODIABETES RISK	14038698 09-26-2013	20140324460 10-30-2014	--	Pending/Published
22	SYSTEM AND METHOD FOR AUTOMATICALLY GENERATING A HISTORICAL HEALTH TREND GRAPH FOR A PATIENT	14043646 10-01-2013	20140095193 04-03-2014	--	Pending/Published
23	LAB RACK ROTATOR AND METHODS THEREOF	14074306 11-07-2013	20140133264 05-15-2014	--	Pending/Published
24	METHOD OF DETECTION OF OCCULT PANCREATIC BETA CELL DYSFUNCTION IN NORMOGLYCEMIC PATIENTS	14153994 01-13-2014	20140200177 07-17-2014	--	Pending/Published
25	METHOD OF DETECTION OF CLINICALLY SIGNIFICANT POST-PRANDIAL HYPERGLYCEMIA IN NORMOGLYCEMIC PATIENTS	14154074 01-13-2014	20140200178 07-17-2014	--	Pending/Published
26	FLOURESCENT IN-SITU DETECTION OF LIPID PARTICLE APOLIPOPROTEINS WITHIN PRIMARY ELECTROPHORETIC MATRIX	14194142 02-28-2014	20140243431 08-28-2014	--	Pending/Published
27	METHOD OF DETERMINING PRIOR HISTORY OF ISCHEMIC STROKE FOR CURRENT RISK EVALUATION AND THERAPY GUIDANCE	14209941 03-13-2014	20140274975 09-18-2014	--	Pending/Published
28	UNHEATED EXTRACTION OF GENOMIC DNA IN AN AUTOMATED	14210884	20140272971	--	Pending/Published

No.	Patent Title	Application No./ Filing Date	Publication No./ Publication Date	Patent No./ Issue Date	Status
	LABORATORY SYSTEM	03-14-2014	09-18-2014		
29	METHOD OF GENERATING AN INDEX SCORE FOR MBL DEFICIENCY TO PREDICT CARDIODIABETES RISK	14216850 03-17-2014	20140274891 09-18-2014	--	Pending/Published
30	METHODS FOR PURIFYING NUCLEIC ACIDS AND DEVICES THEREOF	14278910 05-15-2014	20140343268 11-20-2014	--	Pending/Published
31	CYLINDER CAM FOR GEL ELECTROPHORESIS	14470543 08-27-2014	20150060278 03-05-2015	--	Pending/Published
32	METHODS OF INITIATING A WORKFLOW AND DEVICES THEREOF	14504105 10-01-2014	20150095057 04-02-2015	--	Pending/Published
33	METHODS FOR LABORATORY SAMPLE TRACKING AND DEVICES THEREOF	14504120 10-01-2014	20150095058 04-02-2015	--	Pending/Published
34	TEST TUBE RACK INSERT DEVICE	14519568 10-21-2014	20150108076 04-23-2015	--	Pending/Published
35	DIABETES-RELATED BIOMARKERS AND METHODS OF USE THEREOF	14559058 12-03-2014	20150193587 07-09-2015	--	Pending/Published
36	LABORATORY CONSUMABLE DRYING DEVICE	14575374 12-18-2014	20150168065 06-18-2015	--	Pending/Published
37	Lp(A) SUBFORM SIZE IDENTIFICATION USING ZONAL GEL IMMUNO-FIXATION ELECTROPHORESIS	14575836 12-18-2014	20150168429 06-18-2015	--	Pending/Published
38	METHODS FOR AGGREGATE REPORTING OF HEALTH DATA AND DEVICES THEREOF	14579639 12-22-2014	20150178466 06-25-2015	--	Pending/Published
39	UNKNOWN	14670609 03-27-2015	--	--	Pending,

No.	Patent Title	Application No./ Filing Date	Publication No./ Publication Date	Patent No./ Issue Date	Status
					Unpublished
40	UNKNOWN	14704286 05-05-2015	--	--	Pending, Unpublished

B. Integrated Health Leaders, LLC

No.	Patent Title	Application No.	Publication No.	Patent No.	Status
1	Fatty Acid Pattern Analysis For Predicting Acute Coronary Syndrome	12421784 04-10-2009	20100021956 01-28-2010	8420344 04-16-2013	Issued
2	Fatty Acid Pattern Analysis For Predicting Acute Coronary Syndrome	13797505 03-12-2013	20130260408 10-03-2013	--	Pending/Published
3	Fatty Acid Pattern Analysis For Predicting Acute Coronary Syndrome	14717698 05-20-2015	--	--	Pending/Unpublished
4	Blood Based Methods For Assessing Adolescent Depression In A Subject	12274764 11-20-2008	20100125416 05-20-2010	--	Pending/Published