

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5949541

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	SECOND LIEN SECURITY AGREEMENT

## CONVEYING PARTY DATA

Name	Execution Date
BIOMEDICAL SYSTEMS LLC	02/04/2020
ICARDIAC TECHNOLOGIES LLC	02/04/2020
ERESEARCHTECHNOLOGY, INC.	02/04/2020

## RECEIVING PARTY DATA

<b>Name:</b>	GOLDMAN SACHS BANK USA
<b>Street Address:</b>	200 WEST STREET
<b>City:</b>	NEW YORK
<b>State/Country:</b>	NEW YORK
<b>Postal Code:</b>	10282

## PROPERTY NUMBERS Total: 37

Property Type	Number
Patent Number:	7415447
Patent Number:	8209002
Patent Number:	8273019
Patent Number:	8533029
Patent Number:	7266408
Patent Number:	10025910
Application Number:	16007633
Patent Number:	8380531
Patent Number:	6934578
Patent Number:	8311618
Patent Number:	6708057
Patent Number:	7654965
Patent Number:	8805483
Application Number:	15468613
Patent Number:	10276054
Patent Number:	7873589
Patent Number:	9129215
Patent Number:	9881062

PATENT

Property Type	Number
Application Number:	15828196
Application Number:	14579670
Patent Number:	8433605
Patent Number:	10296196
Patent Number:	9977583
Patent Number:	10049368
Application Number:	16020109
Patent Number:	9075900
Application Number:	15291103
Patent Number:	9483618
Patent Number:	6847840
Patent Number:	8145519
Application Number:	16374891
Patent Number:	6879970
Application Number:	16671932
Patent Number:	8065180
Application Number:	16294296
Patent Number:	8041417
Patent Number:	8332233

#### CORRESPONDENCE DATA

**Fax Number:** (800)914-4240

*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:** 8007130755

**Email:** james.murray@wolterskluwer.com, ECarrera@cahill.com

**Correspondent Name:** CT CORPORATION

**Address Line 1:** 4400 EASTON COMMONS WAY

**Address Line 2:** SUITE 125

**Address Line 4:** COLUMBUS, OHIO 43219

**NAME OF SUBMITTER:** ELAINE CARRERA

**SIGNATURE:** /Elaine Carrera/

**DATE SIGNED:** 02/06/2020

#### Total Attachments: 12

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RECORDATION FORM COVER SHEET  
**PATENTS ONLY**

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)**

Biomedical Systems LLC  
iCardiac Technologies LLC  
eResearchTechnology, Inc.

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) February 4, 2020

- ☐ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☒ Other Second Lien Security Agreement

**2. Name and address of receiving party(ies)**

Name: Goldman Sachs Bank USA

Internal Address: \_\_\_\_\_

Street Address: 200 West Street

City: New York

State: NY

Country: USA Zip: 10282

Additional name(s) & address(es) attached? ☐ Yes ☒ No

**4. Application or patent number(s):**

☐ This document serves as an Oath/Declaration (37 CFR 1.63).

A. Patent Application No.(s)

See Schedule A

B. Patent No.(s)

See Schedule A

Additional numbers attached? ☒ Yes ☐ No

**5. Name and address to whom correspondence concerning document should be mailed:**

Name: Elaine Carrera, Senior Paralegal

Internal Address: \_\_\_\_\_

Street Address: c/o Cahill Gordon & Reindel LLP,  
80 Pine Street

City: New York

State: NY Zip: 10005

Phone Number: (212) 701-3365

Docket Number: \_\_\_\_\_

Email Address: ecarrera@cahill.com

**6. Total number of applications and patents involved:** 40

**7. Total fee (37 CFR 1.21(h) & 3.41) \$** \_\_\_\_\_

- ☐ Authorized to be charged to deposit account  
☐ Enclosed  
☐ None required (government interest not affecting title)

**8. Payment Information**

Deposit Account Number \_\_\_\_\_

Authorized User Name \_\_\_\_\_

**9. Signature:**

Elaine Carrera  
Signature

February 4, 2020

Date

Elaine Carrera

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

12

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

## INTELLECTUAL PROPERTY SECURITY AGREEMENT

This INTELLECTUAL PROPERTY SECURITY AGREEMENT (as amended, amended and restated, supplemented or otherwise modified from time to time, the “IP Security Agreement”) dated February 4, 2020, is among the Persons listed on the signature pages hereof (collectively, the “Grantors”) and GOLDMAN SACHS BANK USA, as Collateral Agent (in such capacity, together with any successor collateral agent, the “Collateral Agent”) for the Secured Parties (as defined in the Second Lien Credit Agreement referred to below).

WHEREAS, ERESEARCHTECHNOLOGY, INC., a Delaware corporation (the “Parent Borrower”) has entered into the Second Lien Credit Agreement, dated as of February 4, 2020 (as amended, amended and restated, supplemented or otherwise modified from time to time, the “Second Lien Credit Agreement”), together with each lender from time to time party thereto (collectively, the “Lenders” and individually, a “Lender”), and GOLDMAN SACHS BANK USA, as administrative agent (in such capacity, together with any successor administrative agent, the “Administrative Agent”) and Collateral Agent and the other agents and parties from time to time party thereto. Terms defined in the Second Lien Credit Agreement or in the Security Agreement (as defined below) and not otherwise defined herein are used herein as defined in the Second Lien Credit Agreement or the Security Agreement, as the case may be (and in the event of a conflict, the applicable definition shall be the one given to such term in the Security Agreement).

WHEREAS, as a condition precedent to the making of the Loans by the Lenders from time to time, each Grantor has executed and delivered that certain Second Lien Security Agreement, dated February 4, 2020, among the Grantors and the Collateral Agent (as amended, amended and restated, supplemented or otherwise modified from time to time, the “Security Agreement”).

WHEREAS, under the terms of the Security Agreement, the Grantors have granted to the Collateral Agent, for the benefit of the Secured Parties, a security interest in, among other property, certain intellectual property of the Grantors, and have agreed thereunder to execute this IP Security Agreement for recording with the U.S. Patent and Trademark Office and the United States Copyright Office.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each Grantor agrees as follows:

SECTION 1. Grant of Security. As security for the payment or performance, as the case may be, in full of all of the Obligations when due, the undersigned hereby unconditionally grants and pledges to the Collateral Agent and, its successors and permitted assigns, for the benefit of the Secured Parties, a continuing security interest in, and liens on, the undersigned right, title and interest in and to the Collateral, other than Excluded Property, in each case, as to each type of property described below, whether now owned or hereafter acquired by the undersigned, wherever located, and whether now or hereafter existing or arising (the “Collateral”):

(i) all patents, patent applications, utility models, statutory invention registrations and all inventions claimed or disclosed therein and all improvements thereto set forth in Schedule A hereto (the “Patents”);

(ii) all trademarks, trademark applications, service marks, domain names, trade dress, logos, designs, slogans, trade names, business names, corporate names and other source identifiers, whether registered or unregistered set forth in Schedule B hereto (provided that no security interest shall be granted in any United States “intent-to-use” application for registration of a trademark filed pursuant to Section 1(b) of the Lanham Act, to the extent that, and solely during the period, if any, in which, the grant of a security interest therein would impair the validity or enforceability, or

result in the voiding, of such intent-to-use application (or any registration that may issue therefrom) under applicable law, rule or regulation), together, in each case, with the goodwill symbolized thereby (the "Trademarks");

(iii) all copyrights, together with any moral rights, including, without limitation, copyrights in Computer Software (as defined in the Security Agreement), internet web site content, whether registered or unregistered, and exclusive licenses of registered copyrights, in each case, as set forth in Schedule C hereto (the "Copyrights");

(iv) all reissues, divisionals, continuations, continuations-in-part, extensions, renewals and reexaminations of any of the foregoing, all rights in the foregoing provided by international treaties or conventions, all rights corresponding thereto throughout the world and all other rights of any kind whatsoever of such Grantor accruing thereunder or pertaining thereto;

(v) any and all claims for damages and injunctive relief for past, present and future infringement, dilution, misappropriation, violation, misuse or breach with respect to any of the foregoing, with the right, but not the obligation, to sue for and collect, or otherwise recover, such damages; and

(vi) any and all proceeds of, collateral for, income, royalties and other payments now or hereafter due and payable with respect to, and supporting obligations relating to, any and all of the Collateral of or arising from any of the foregoing;

provided that notwithstanding anything to the contrary contained in the foregoing clauses (i) through (vi), the security interest created hereby shall not extend to, and the term "Collateral" shall not include, any Excluded Property.

SECTION 2. Security for Obligations. The grant of a security interest in, the Collateral by each Grantor under this IP Security Agreement secures the payment of all Obligations of such Grantor now or hereafter existing under or in respect of the Secured Documents (as such Secured Documents may be amended, amended and restated, supplemented, replaced, refinanced or otherwise modified from time to time (including any increases of the principal amount outstanding thereunder)), whether direct or indirect, absolute or contingent, and whether for principal, reimbursement obligations, interest, premiums, penalties, fees, indemnifications, contract causes of action, costs, expenses or otherwise. Without limiting the generality of the foregoing, this IP Security Agreement secures, as to each Grantor, the payment of all amounts that constitute part of the Obligations that would be owed by such Grantor to any Secured Party under the Secured Documents but for the fact that they are unenforceable or not allowable due to the existence of a bankruptcy, or reorganization or similar proceeding involving a Loan Party.

SECTION 3. Recordation. Each Grantor authorizes and requests that the Register of Copyrights, the Commissioner for Patents and the Commissioner for Trademarks record this IP Security Agreement.

SECTION 4. Execution in Counterparts. This IP Security Agreement may be executed in any number of counterparts, each of which when so executed shall be deemed to be an original and all of which taken together shall constitute one and the same agreement.

SECTION 5. Grants, Rights and Remedies. This IP Security Agreement has been entered into in conjunction with the provisions of the Security Agreement. Each Grantor does hereby acknowledge and confirm that the grant of the security interest hereunder to, and the rights and remedies of, the Collateral Agent with respect to the Collateral are more fully set forth in the Security Agreement, the terms and provisions of which are incorporated herein by reference as if fully set forth herein. In the

event of any conflict between the terms of this IP Security Agreement and the terms of the Security Agreement, the terms of the Security Agreement shall govern.

SECTION 6. Governing Law; Jurisdiction; Etc.

(a) THIS IP SECURITY AGREEMENT SHALL BE GOVERNED BY, AND CONSTRUED IN ACCORDANCE WITH, THE LAW OF THE STATE OF NEW YORK WITHOUT GIVING EFFECT TO THE CONFLICTS OF LAWS PRINCIPLES THEREOF, BUT INCLUDING SECTION 5-1401 OF THE NEW YORK GENERAL OBLIGATIONS LAW.

(b) EACH PARTY HERETO IRREVOCABLY AND UNCONDITIONALLY SUBMITS, FOR ITSELF AND ITS PROPERTY, TO THE EXCLUSIVE JURISDICTION OF THE COURTS OF THE STATE OF NEW YORK SITTING IN NEW YORK CITY IN THE BOROUGH OF MANHATTAN AND OF THE UNITED STATES DISTRICT COURT FOR THE SOUTHERN DISTRICT OF NEW YORK SITTING IN THE BOROUGH OF MANHATTAN, AND ANY APPELLATE COURT FROM ANY THEREOF, IN ANY ACTION OR PROCEEDING ARISING OUT OF OR RELATING TO THIS IP SECURITY AGREEMENT, AND EACH OF THE PARTIES HERETO IRREVOCABLY AND UNCONDITIONALLY AGREES THAT ALL CLAIMS IN RESPECT OF ANY SUCH ACTION OR PROCEEDING MAY BE HEARD AND DETERMINED IN SUCH NEW YORK STATE COURT OR, TO THE FULLEST EXTENT PERMITTED BY APPLICABLE LAW, IN SUCH FEDERAL COURT. EACH OF THE PARTIES HERETO AGREES THAT A FINAL JUDGMENT IN ANY SUCH ACTION OR PROCEEDING SHALL BE CONCLUSIVE AND MAY BE ENFORCED IN OTHER JURISDICTIONS BY SUIT ON THE JUDGMENT OR IN ANY OTHER MANNER PROVIDED BY LAW. NOTHING IN THIS IP SECURITY AGREEMENT SHALL AFFECT ANY RIGHT THAT THE ADMINISTRATIVE AGENT, COLLATERAL AGENT OR ANY LENDER MAY OTHERWISE HAVE TO BRING ANY ACTION OR PROCEEDING RELATING TO THIS IP SECURITY AGREEMENT AGAINST THE PARENT BORROWER OR ANY OTHER LOAN PARTY OR ITS PROPERTIES IN THE COURTS OF ANY JURISDICTION.

(c) EACH PARTY HERETO IRREVOCABLY AND UNCONDITIONALLY WAIVES, TO THE FULLEST EXTENT PERMITTED BY APPLICABLE LAW, ANY OBJECTION THAT IT MAY NOW OR HEREAFTER HAVE TO THE LAYING OF VENUE OF ANY ACTION OR PROCEEDING ARISING OUT OF OR RELATING TO THIS IP SECURITY AGREEMENT IN ANY COURT REFERRED TO IN PARAGRAPH (b) OF THIS SECTION. EACH OF THE PARTIES HERETO HEREBY IRREVOCABLY WAIVES, TO THE FULLEST EXTENT PERMITTED BY APPLICABLE LAW, THE DEFENSE OF AN INCONVENIENT FORUM TO THE MAINTENANCE OF SUCH ACTION OR PROCEEDING IN ANY SUCH COURT.

(d) EACH PARTY HERETO IRREVOCABLY CONSENTS TO SERVICE OF PROCESS IN THE MANNER PROVIDED FOR NOTICES IN SECTION 10.02 OF THE SECOND LIEN CREDIT AGREEMENT. NOTHING IN THIS IP SECURITY AGREEMENT WILL AFFECT THE RIGHT OF ANY PARTY HERETO TO SERVE PROCESS IN ANY OTHER MANNER PERMITTED BY APPLICABLE LAW.

(e) EACH PARTY TO THIS IP SECURITY AGREEMENT HEREBY EXPRESSLY

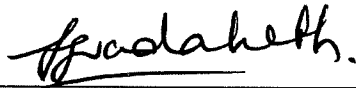
WAIVES ANY RIGHT TO TRIAL BY JURY OF ANY CLAIM, DEMAND, ACTION OR CAUSE OF ACTION ARISING UNDER THIS IP SECURITY AGREEMENT OR IN ANY WAY CONNECTED WITH OR RELATED OR INCIDENTAL TO THE DEALINGS OF THE PARTIES HERETO OR ANY OF THEM WITH RESPECT TO THIS IP SECURITY AGREEMENT, OR THE TRANSACTIONS RELATED THERETO, IN EACH CASE WHETHER NOW EXISTING OR HEREAFTER ARISING, AND WHETHER FOUNDED IN CONTRACT OR TORT OR OTHERWISE; AND EACH PARTY HEREBY AGREES AND CONSENTS THAT ANY SUCH CLAIM, DEMAND, ACTION OR CAUSE OF ACTION SHALL BE DECIDED BY COURT TRIAL WITHOUT A JURY, AND THAT ANY PARTY TO THIS AGREEMENT MAY FILE AN ORIGINAL COUNTERPART OR A COPY OF THIS SECTION 6(e) WITH ANY COURT AS WRITTEN EVIDENCE OF THE CONSENT OF THE SIGNATORIES HERETO TO THE WAIVER OF THEIR RIGHT TO TRIAL BY JURY.

SECTION 7. Intercreditor Agreement. Notwithstanding anything herein to the contrary, the liens and security interests granted to the Collateral Agent pursuant to this IP Security Agreement in any Collateral and the exercise of any right or remedy by the Collateral Agent with respect to any Collateral hereunder are subject to the provisions of the Intercreditor Agreement, dated as of February 4, 2020 (as amended, restated, supplemented or otherwise modified from time to time, the “Intercreditor Agreement”), among Explorer Holdings, Inc., a Delaware corporation (referred to herein as “Holdings”), eResearchTechnology, Inc., a Delaware Corporation, (referred to herein as the “Parent Borrower”), the other Grantors from time to time party thereto, Goldman Sachs Bank USA, as First Lien Administrative Agent and Original First Lien Security Agent, Goldman Sachs Bank USA, as Second Lien Administrative Agent and Original Second Lien Security Agent and certain other Persons party or that may become party thereto from time to time. In the event of any conflict between the terms of the Intercreditor Agreement and this Agreement, the terms of the Intercreditor Agreement shall govern and control.

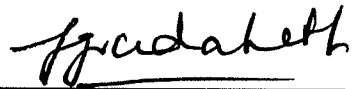


IN WITNESS WHEREOF, each Grantor and the Collateral Agent have caused this IP Security Agreement to be duly executed and delivered by its officer thereunto duly authorized as of the date first written above.

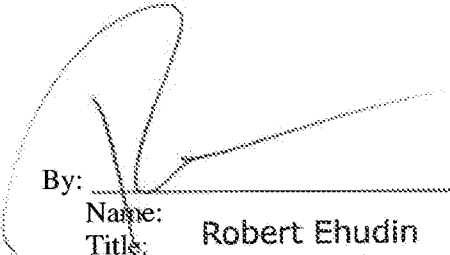
**BIOMEDICAL SYSTEMS LLC  
ICARDIAC TECHNOLOGIES LLC,**  
each, a Grantor

By:   
Name: Tom Vadaketh  
Title: Secretary

**ERESEARCHTECHNOLOGY, INC.,**  
as a Grantor

By:   
Name: Tom Vadaketh  
Title: Executive Vice President, Chief  
Financial Officer, Secretary and  
Treasurer

**GOLDMAN SACHS BANK USA,**  
as Collateral Agent

  
By: \_\_\_\_\_  
Name: Robert Ehudin  
Title: Authorized Signatory

Patents

## UNITED STATES PATENTS AND PATENT APPLICATIONS:

<b>Jurisdiction</b>	<b>App. No./Patent No.</b>	<b>Issue Date</b>	<b>Title</b>	<b>Owner</b>
United States	7415447	Aug. 19, 2008	Apparatus And Method For Prediction Of Participant Compliance In Clinical Research	ERESARCHTECHNOLOGY, INC.
United States	8209002	Jun. 26 2012	Method and Apparatus for Qualitative Assessment of Cardia Electrical Events	ERESARCHTECHNOLOGY, INC.
United States	8273019	Sep. 25 2012	Clinical Investigation Data Logging With Contextual Time Shifting	ERESARCHTECHNOLOGY, INC.
United States	8533029	Sep. 10 2013	Clinical Monitoring Device With Time-Shifting Capability	ERESARCHTECHNOLOGY, INC.
United States	7266408	Sep. 4 2007	Device And Procedure For Visual Three-Dimensional Presentation Of Ecg Data	ERESARCHTECHNOLOGY, INC.
United States	10025910	Jul. 17 2018	Endpoint Development Process	ERESARCHTECHNOLOGY, INC.
United States	16/007633	N/A Filed June 13 2018	Endpoint Development Process	ERESARCHTECHNOLOGY, INC.
United States	8380531	Feb. 19 2013	Endpoint Development Process	ERESARCHTECHNOLOGY, INC.
United States	6934578	Sep. 18, 2002	Method And Apparatus For Interactive Annotation And Measurement Of Time Series Data	ERESARCHTECHNOLOGY, INC. <sup>1</sup>
United States	8209002	Jun. 26 2012	Method And Apparatus For Quantitative Assessment Of Cardiac Electrical Events	ERESARCHTECHNOLOGY, INC.
United States	8311618	Nov. 13 2012	Method And Apparatus For Quantitative Assessment Of Cardiac Electrical Events	ERESARCHTECHNOLOGY, INC.
Canada	2467882	March 27 2012	Method And System For Processing Electrocardiograms	ERESARCHTECHNOLOGY, INC.

<sup>1</sup> Record owner is Covance Cardiac Safety Services Inc. Title to be updated.

<b>Jurisdiction</b>	<b>App. No./Patent No.</b>	<b>Issue Date</b>	<b>Title</b>	<b>Owner</b>
United States	6708057	March 16 2004	Method And System For Processing Electrocardiograms	ERESARCHTECHNOLOGY, INC.
United States	7654965	Feb. 2 2010	Method And System For Processing Electrocardiograms	ERESARCHTECHNOLOGY, INC.
United States	8805483	Aug. 12 2014	Method And System For Processing Electrocardiograms	ERESARCHTECHNOLOGY, INC.
US	15/468613	N/A Filed Mar. 24 2017	Methods And Systems For Collecting Spirometry Data	ERESARCHTECHNOLOGY, INC.
United States	10276054	Apr. 30 2019	Methods And Systems For Data Analysis	ERESARCHTECHNOLOGY, INC.
United States	7873589	Jan. 18 2011	Operation And Method For Prediction And Management Of The Validity Of Subject Reported Data	ERESARCHTECHNOLOGY, INC.
United States	9129215	Sep. 8 2015	Operation And Method For Prediction And Management Of The Validity Of Subject Reported Data	ERESARCHTECHNOLOGY, INC.
United States	9881062	Jan. 30 2018	Operation And Method For Prediction And Management Of The Validity Of Subject Reported Data	ERESARCHTECHNOLOGY, INC.
United States	15/828196	N/A Filed Nov. 30, 2018	Operation And Method For Prediction And Management Of The Validity Of Subject Reported Data	ERESARCHTECHNOLOGY, INC.
United States	14/579670	N/A. Filed Dec. 22, 2014	System For Clinical Trial Subject Compliance	ERESARCHTECHNOLOGY, INC.
United States	8433605	Apr. 30, 2013	System For Clinical Trial Subject Compliance	ERESARCHTECHNOLOGY, INC.
United States	10296196	May 21 2019	System Method And Apparatus For Displaying A Non-Biasing And Self-Adjusting Visual Analog Scale On A Computing Device	ERESARCHTECHNOLOGY, INC.
United States	9977583	May 22 2018	System Method And Apparatus For Displaying A Non-Biasing And Self-Adjusting Visual Analog Scale On A Computing Device	ERESARCHTECHNOLOGY, INC.
United States	10049368	Aug. 14 2018	Systems Methods And Computer Program Products For Providing Compliant Messaging	ERESARCHTECHNOLOGY, INC.
United States	16/020109	N/A Filed June 27, 2018	Systems Methods And Computer Program Products For Providing Compliant Messaging	ERESARCHTECHNOLOGY, INC.

<b>Jurisdiction</b>	<b>App. No./Patent No.</b>	<b>Issue Date</b>	<b>Title</b>	<b>Owner</b>
United States	9075900	Jul. 7 2015	Systems Methods And Computer Program Products For Providing Compliant Delivery Of Content Applications And/Or Solutions	ERESARCHTECHNOLOGY, INC.
United States	15/291103	N/A Filed 20161012	Systems Methods And Computer Program Products For Providing Disease And/Or Condition Specific Adaptive Mobile Health Content Applications And/Or Solutions	ERESARCHTECHNOLOGY, INC.
United States	9483618	Nov. 1 2016	Systems Methods And Computer Program Products For Providing Disease And/Or Condition Specific Adaptive Mobile Health Content Applications And/Or Solutions	ERESARCHTECHNOLOGY, INC.
US	<b>6847840</b>	Jan. 25, 2005	System and Method for Statistical Analysis of QT Interval as a Function of changes in RR Interval	ERESARCHTECHNOLOGY, INC.
US	<b>8145519</b>	Mar. 27, 2012	System for Clinical Trial Subject Compliance	ERESARCHTECHNOLOGY, INC.
US	<b>16/374891</b>	Apr. 4, 2019	System, Method and Apparatus for Displaying a Non-Biasing and Self-Adjusting Visual Analog Scale on a Computing Device	ERESARCHTECHNOLOGY, INC.
US	<b>6879970</b>	Apr. 12, 2005	Apparatus and Method for Prediction and Management of Subject Compliance in Clinical Research	ERESARCHTECHNOLOGY, INC.
US	<b>8145519</b>	Mar. 27, 2012	System for Clinical Trial Subject Compliance	ERESARCHTECHNOLOGY, INC.
US	<b>16/671932</b>	Nov. 1, 2019	System for Clinical Trial Subject Compliance	ERESARCHTECHNOLOGY, INC.
US	<b>8065180</b>	Nov. 22, 2011	System for Clinical Trial Subject Compliance	ERESARCHTECHNOLOGY, INC.
US	<b>16/294296</b>	Mar. 6, 2019	Methods And Systems For Data Analysis	ERESARCHTECHNOLOGY, INC.
US	<b>8041417</b>	Oct. 18, 2011	Method and System for Dynamical Systems Modeling of Electrocardiogram Data	BIOMEDICAL SYSTEMS CORPORATION AND UNIVERSITY OF SOUTHERN CALIFORNIA
US	<b>8332233</b>	Dec. 11, 2012	Method and System for Collecting and Analyzing Holter Data Employing a Web Site	BIOMEDICAL SYSTEMS CORPORATION

Trademarks

## UNITED STATES TRADEMARKS APPLICATIONS AND REGISTRATIONS:

<u>Jurisdiction</u>	<u>Mark</u>	<u>Reg. No.</u>	<u>Reg. Date</u>	<u>Status</u>	<u>Owner</u>
United States	EXPERT	2843409	5/18/2004	Registered	eResearchTechnology, Inc.
United States	ERT	3816219	7/13/2010	Registered	eResearchTechnology, Inc.
United States	CONFIDENCE AT EVERY PHASE	4769419	7/7/2015	Registered	eResearchTechnology, Inc.
United States	EARLY PRECISION QT	5009696	7/26/2016	Registered	iCardiac Technologies
United States	LOGPAD	2341822	4/11/2000	Registered	eResearchTechnology, Inc.
United States	LOGPAD APP	4756694	6/16/2015	Registered	eResearchTechnology, Inc.
United States	PHT	2336677	3/28/2000	Registered	eResearchTechnology, Inc.
United States	PHT	2295292	11/30/1999	Registered	eResearchTechnology, Inc.
United States	SITEPAD	3828774	8/3/2010	Registered	eResearchTechnology, Inc.
United States	SITEPRO	3074636	3/28/2006	Registered	eResearchTechnology, Inc.
United States	DIARYPRO	3074635	3/28/2006	Registered	eResearchTechnology, Inc.
United States	AVERT	4573248	7/22/2014	Registered	eResearchTechnology, Inc.
United States	STUDYWORKS	4769413	7/7/2015	Registered	eResearchTechnology, Inc.
United States	THE HEELER	1688359	5/19/1992	Registered	Biomedical Systems Corporation

Copyrights

## UNITED STATES COPYRIGHTS

<u>Description</u>	<u>Registration Number</u>	<u>Registration Date</u>	<u>Owner</u>
Genetic Endpoint Model.	V/Au000972265	11/13/2007	eResearchTechnology, Inc.

PATENT

REEL: 051837 FRAME: 0015