

# PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	Foreclosure
CONVEYING PARTY DATA	
Name	Execution Date
Transoma Medical, Inc.	12/28/2009
RECEIVING PARTY DATA	
Name:	Data Sciences International, Inc.
Street Address:	119 14th Street NW
City:	St. Paul
State/Country:	MINNESOTA
Postal Code:	55112
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13087997
CORRESPONDENCE DATA	
Fax Number:	(877)769-7945
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	(612) 337-2561
Email:	enb@fr.com
Correspondent Name:	Kurt F. Krenz
Address Line 1:	FISH & RICHARDSON P.C.
Address Line 2:	P.O.BOX 1022
Address Line 4:	MINNEAPOLIS, MINNESOTA 55440-1022
ATTORNEY DOCKET NUMBER:	22570-0113002
NAME OF SUBMITTER:	Kurt F. Krenz
Total Attachments: 6 source=3TransomatoDSI#page1.tif source=3TransomatoDSI#page2.tif source=3TransomatoDSI#page3.tif source=3TransomatoDSI#page4.tif source=3TransomatoDSI#page5.tif source=3TransomatoDSI#page6.tif	

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PATENT  
 REEL: 026441 FRAME: 0277

December 28, 2009

**VIA FACSIMILE AND  
FIRST CLASS MAIL**

Transoma Medical, Inc.  
119 14th Street NW, Suite 200  
St. Paul, MN 55112

Re: Proposal to Accept Collateral in Partial Strict Foreclosure

To Whom it May Concern:

Transoma Medical, Inc. (the "Company") is indebted to the holders of certain Convertible Promissory Notes (the "Convertible Notes") of the Company issued in accordance with a Note Purchase Agreement dated as of May 12, 2009, as amended, among the Company, Data Sciences International, Inc., the guarantor of the Company's obligations under the Convertible Notes ("DSI"), and the holders of the Convertible Notes (the "Lenders"), in the original aggregate principal amount of \$4,627,716. Pursuant to a letter to the Company and DSI dated December 21, 2009, the Lenders declared an event of default under the Convertible Notes and demanded payment from each of the Company and DSI of all principal and accrued and unpaid interest due under the Convertible Notes.

As of this date, the Company has not paid any of the outstanding indebtedness under the Convertible Notes (including any accruing interest under the Convertible Notes) (collectively, the "Indebtedness"). Pursuant to the Company's written communications with the Lenders, the Company has indicated that it is closing down its business and does not have sufficient assets to repay the Indebtedness. Based on this, DSI has agreed to assume the Company's obligations under the Convertible Notes to repay the Indebtedness.

DSI's guarantee of the Company's obligations under the Convertible Notes is secured by a Security Agreement dated May 12, 2009 executed by the Company in favor of DSI (the "Security Agreement"). DSI's assumption of the Indebtedness constitutes a default under the Security Agreement, pursuant to which DSI is entitled to exercise all remedies available to it under the Security Agreement. Pursuant to the Security Agreement, DSI holds a security interest in all assets of the Company, including, without limitation, all patents, patent applications and trademarks of the Company (collectively, the "Collateral"). In accordance with Delaware Code Section 9-620, DSI hereby proposes to accept a transfer of the Company's ownership interests in the Collateral in partial satisfaction of the Indebtedness in the amount of \$1,000,000 (the "Proposal"). The Company may consent to the Proposal by executing this letter agreement and

if DSI does not receive any notification of objection to the Proposal by a party holding an interest in the Collateral within 20 days of delivering notification of the Company's consent to the Proposal (the "Effective Date"), then (i) \$1,000,000 of the Indebtedness shall be deemed discharged on the Effective Date, (ii) the Company's rights in the Collateral shall be automatically transferred to DSI on the Effective Date, and (iii) DSI will exercise the power of attorney granted to it under the Security Agreement to transfer ownership to all of the intellectual property Collateral from the Company to DSI.

Please acknowledge the Company's consent, agreement and understanding of the terms set forth herein by signing in the space provided below.

Sincerely,

DATA SCIENCES INTERNATIONAL, INC.

By: Lance H. Wallin  
Name: LANCE H. WALLIN  
Its: President & CEO

cc: Silicon Valley Bank  
Partners for Growth II, L.P.  
Fish & Richardson P.C.

Consented to and agreed this \_\_\_\_ day of December, 2009:

TRANSOMA MEDICAL, INC.

By: \_\_\_\_\_  
Name: \_\_\_\_\_  
Its: \_\_\_\_\_

if DSI does not receive any notification of objection to the Proposal by a party holding an interest in the Collateral within 20 days of delivering notification of the Company's consent to the Proposal (the "Effective Date"), then (i) \$1,000,000 of the Indebtedness shall be deemed discharged on the Effective Date, (ii) the Company's rights in the Collateral shall be automatically transferred to DSI on the Effective Date, and (iii) DSI will exercise the power of attorney granted to it under the Security Agreement to transfer ownership to all of the intellectual property Collateral from the Company to DSI.

Please acknowledge the Company's consent, agreement and understanding of the terms set forth herein by signing in the space provided below.

Sincerely,

DATA SCIENCES INTERNATIONAL, INC.

By: \_\_\_\_\_  
Name: \_\_\_\_\_  
Its: \_\_\_\_\_

cc: Silicon Valley Bank  
Partners for Growth II, L.P.  
Fish & Richardson P.C.

Consented to and agreed this 29<sup>th</sup> day of December, 2009:

TRANSOMA MEDICAL, INC.

By: [Signature]  
Name: Brenton K. Ahrens  
Its: Director - Transoma Medical

**APPENDIX 1-B****IP ASSETS****Patents –****Patents Related to Pressure Technology**

No.	Reference No.	Serial No. / Filing date	Patent No. / Issue date	Jurisdiction	Title
1	FR 22570-0015001	09/159,653 9/24/1998	6,409,674 6/25/2002	United States	Implantable Sensor with Wireless Communication
2	FR 22570-0015002	10/146,555 5/15/2002	7,425,200 9/16/2008	United States	Implantable Sensor With Wireless Communication
3	FR 22570-0015003	11/079,973 3/14/2005	N/A	United States	Implantable Sensor With Wireless Communication
4	FR 22570-0015CA1	2345389 9/7/1999	2345389 8/5/2008	Canada	Implantable Sensor With Wireless Communication
5	FR 22570-0015DE1	99946771.5 9/7/1999	69929448.7 1/11/2006	Germany	Implantable Sensor With Wireless Communication
6	FR 22570-0015EP1	99946771.5 9/7/1999	1115329 1/11/2006	Europe	Implantable Sensor With Wireless Communication
7	FR 22570-0015FR1	99946771.5 9/7/1999	1115329 1/11/2006	France	Implantable Sensor With Wireless Communication
8	FR 22570-0015GB1	99946771.5 9/7/1999	1115329 1/11/2006	United Kingdom	Implantable Sensor With Wireless Communication
9	FR 22570-0015NL1	99946771.5 9/7/1999	1115329 1/11/2006	Netherlands	Implantable Sensor With Wireless Communication
10	FR 22570-0023001	10/077,566 2/15/2002	N/A	United States	Devices, Systems and Methods for Endocardial Pressure Measurement
11	FR 22570-0023002	11/084,625 3/16/2005	N/A	United States	Devices, Systems and Methods for Endocardial Pressure Measurement
12	Beck 03.023CON2	11/728,190 3/22/2007	N/A	United States	Device, Systems and Methods for Endocardial Pressure Measurement
13	FR 22570-0023CA1	2438394 2/19/2002	N/A	Canada	Devices, Systems and Methods for Endocardial Pressure Measurement
14	FR 22570-0023EP1	2721017.8 2/19/2002	N/A	Europe	Devices, Systems and Methods for Endocardial Pressure Measurement
15	FR 22570-0023JP1	2002-565466 2/19/2002	4184795 9/12/2008	Japan	Devices, Systems and Methods for Endocardial Pressure Measurement
16	FR 22570-0025001	10/246,348 9/17/2002	7,070,591 7/4/2006	United States	Vascular Access Port With Physiological Sensor
17	FR 22570-0025003	11/527,167 9/25/2006	N/A	United States	Vascular Access Port With Physiological Sensor

No.	Reference No.	Serial No. / Filing date	Patent No. / Issue date	Jurisdiction	Title
18	FR 22570-0028001	10/688,253 10/16/2003	7280872 10/9/2007	United States	Wireless Communication With Implantable Medical Device
19	FR 22570-0028002	11/856,278 9/17/2007	N/A	United States	Wireless Communication With Implantable Medical Device
20	FR 22570-0034001	10/799,931 3/12/2004	N/A	United States	Pressure Transmission Catheters for Implantable Pressure Sensors
21	Fogg 850.001001	11/187,640 7/22/05	N/A	United States	Methods to reduce power to measure pressure
22	FR 22570-0024001	10/246,324 9/17/2002	6,962,580 11/8/2005	United States	Vascular Access Port With Needle Detector
23	FR 22570-0024002	11/190,789 7/26/2005	7,347,843 3/25/2008	United States	Vascular Access Port With Needle Detector
24	FR 22570-0050001	11/836,592 8/9/2007	N/A	United States	Trans-Septal Left Ventricular Pressure Measurement
25	FR 22570-0027001	10/797,584 3/9/2004	7,097,618 8/29/2006	United States	Devices and Methods for Detecting and Treating Inadequate Tissue Perfusion
26	FR 22570-0027002	11/485,747 7/12/2006	N/A	United States	Devices and Methods for Detecting and Treating Inadequate Tissue Perfusion
27	FR 22570-0030001	10/993,826 11/19/2004	N/A	United States	Feedback Control of Ventricular Assist Devices
28	FR 22570-0032001	10/756,188 1/12/2004	N/A	United States	Therapeutic Device and Method Using Feedback from Implantable Sensor Device
29	FR 22570-0040001	11/357,721 2/16/2006	N/A	United States	Impedance Based Sensor for Monitoring Leakage in a AAA Stent Graft
30	FR 22570-0040CA1	2598178 2/16/2006	N/A	Canada	Impedance Based Sensor for Monitoring Leakage in Abdominal Aortic Aneurism Stent Graft
31	FR 22570-0040EP1	6735510.7 2/16/2006	N/A	Europe	Impedance Based Sensor for Monitoring Leakage in Abdominal Aortic Aneurism Stent Graft
32	FR 22570-0043001	11/223,587 9/8/2005	N/A	United States	Implantable Pressure Sensor With Pacing Capability
33	FR 22570-0043CA1	2579571 9/8/2005	N/A	Canada	Implantable Pressure Sensor With Pacing Capability
34	FR 22570-0043EP1	5795400 9/8/2005	N/A	Europe	Implantable Pressure Sensor With Pacing Capability
35	FR 22570-0048001	11/454,294 6/16/2006	N/A	United States	Method of Interfacing a Sensor Lead and a Cardiac Rhythm Management Device
36	FR 22570-0051001	11/509,850 8/25/2006	N/A	United States	Pressure Measurement Device
37	FR 22570-0108001	12/165,557 6/30/2008	N/A	United States	Pressure Sensing Lead Systems for Implantable Stimulators
38	FR 22570-0113001	12/163,720 6/27/2008	N/A	United States	Cardiac Rhythm Management Device

**Patents Related to Sleuth Arrhythmia Monitoring**

No.	Reference No.	Serial No./ Filing date	Patent No. / Issue date	Jurisdiction	Title
1	FR 22570-0044001	11/328,758 1/9/2006	N/A	United States	Cross-Band Communications in an Implantable Device
2	FR 22570-0044CA1	2636113 1/9/2007	N/A	Canada	Cross-Band Communications in an Implantable Device
3	FR 22570-0044EP1	7777546.8 1/9/2007	N/A	Europe	Cross-Band Communications in an Implantable Device
4	FR 22570-0058001	12/323,828 11/26/2008	N/A	United States	Physiologic Signal Processing To Determine A Cardiac Condition
5	FR 22570-0060001	11/956,884 12/14/2007	N/A	United States	Deriving Patient Activity Information from Sensed Body Electrical Information
6	FR 22570-0114001	12/172,928 7/14/2008	N/A	United States	Cross-Band Communications in an Implantable Device
7	FR 22570-0115001	12/362,812 1/30/2009	N/A	United States	Minimally Invasive Physiologic Parameter Recorder and Introducer System
8	FR 22570-0115WO1	PCT/US09/032640 1/30/2009	N/A	PCT	Minimally Invasive Physiologic Parameter Recorder and Introducer System
9	FR 22570-0056001	12/112,924 4/30/2008	N/A	United States	Cardiac Risk Assessment
10	FR 22570-0057001	12/165,361 6/30/2008	N/A	United States	Prediction and Prevention of Cardiovascular Insult
11	FR 22570-0064001	12/185,459 8/4/2008	N/A	United States	Periodic Sampling of Cardiac Signals Using an Implantable Monitoring Device
12	FR 22570-0064WO1	PCT/US2008/072135 8/4/2008	N/A	PCT	Periodic Sampling of Cardiac Signals Using an Implantable Monitoring Device
13	FR 22570-0083WO1	PCT/US2007/086689 12/6/2007	N/A	PCT	Implantable Monitoring Device Activator and System Including a Magnetic-Mechanical Key
14	FR 22570-0084WO1	PCT/US2007/086678 12/6/2007	N/A	PCT	Implantable Monitoring Device Activator and System Including Multiple Modes
15	FR 22570-0085001	29/269,706 12/6/2006	D575,628 8/26/2008	United States	Key for an Implantable Medical Device Activator
16	FR 22570-0111001	12/163,596 6/27/2008	N/A	United States	Sensing Biological Data
17	Dickie T501.105.102	11/677,015 2/20/2007	N/A	United States	System and Method of Monitoring Physiological Signals
18	FR 22570-0052001	29/267,744 10/19/2006	D579,568 10/28/2008	United States	Implantable Housing with Interior Features
19	FR 22570-0053001	29/267,804 10/19/2006	D579,569 10/28/2008	United States	Implantable Housing with Exterior Features
20	FR 22570-0107001	12/165,328 6/30/2008	N/A	United States	Drug Delivery Methods and Systems