PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5243098

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BOSE CORPORATION	05/22/2015

RECEIVING PARTY DATA

Name:	TA INSTRUMENTS-WATERS L.L.C.
Street Address:	34 MAPLE STREET
City:	MILFORD
State/Country:	MASSACHUSETTS
Postal Code:	01757

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15915972

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	B-2656-US-DIV2
NAME OF SUBMITTER:	HEATH T. MISLEY
SIGNATURE:	/Heath T. Misley/
DATE SIGNED:	11/19/2018

Total Attachments: 6
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ASSIGNMENT OF PATENTS

This patent assignment (the "Assignment") is made as of this 22nd day of May, 2015 by Bose Corporation, a Delaware corporation, having a place of business at The Mountain Road, Framingham, Massachusetts 01701 ("Assignor") to TA Instruments-Waters L.L.C., a Delaware limited liability company, having a place of business at 34 Maple Street, Milford, Massachusetts 01757 ("Assignee").

WHEREAS, Assignor and Assignee are parties to the Asset Purchase Agreement dated as of May 22, 2015 (the "Agreement") providing for the execution and delivery of this Assignment by Assignor to Assignee;

WHEREAS, Assignor owns the patents and patent applications as set forth on Schedule A (the "Assigned Patents"); and

WHEREAS, Assignee desires to purchase or acquire all of Assignor's right, title and interest in and to such Assigned Patents;

NOW, THEREFORE, subject to the terms and conditions of the Agreement, the parties hereto, intending to be legally bound, agree as follows:

1. Assignor hereby sells, conveys, assigns and transfers to Assignee Assignor's entire right, title and interest in and to the Assigned Patents for the United States of America and its territorial possessions, and for all foreign countries, inclusive of (a) any and all right, title and interest in and to any divisional, continuing, reissue or other applications based in whole or in part on the Assigned Patents, (b) all rights of priority therein in any country as may now or hereafter be granted to Assignor by law, treaty or other international convention, and (c) all rights, interests, claims and demands recoverable in law or equity, that Assignor has or may have in profits and damages for past, present and future infringements of the Assigned Patents, including, without limitation, the right to compromise, sue for and collect such profits and damages. Assignee, its successors and assigns or their legal representatives, shall hold and enjoy all of the foregoing as fully and entirely as the same would have been held and enjoyed by Assignor if this Assignment had not been made.

2. From and after the Closing Date, Assignor shall, without further consideration, execute and deliver such instruments of transfer, conveyance, assignment and assumption, and do all acts necessary or proper to consummate this Assignment and to vest and confirm in Assignee, its successors and assigns, the legal title to all Assigned Patents.

3. Nothing in this Assignment, express or implied, is intended to or shall be construed to modify, expand, supersede or limit in any way the terms, conditions or obligations of the Agreement. To the extent that any provision of this Assignment conflicts with or is inconsistent with the terms of the Agreement, the Agreement shall control and govern.

4. Capitalized terms used herein without definition shall have the meanings set forth in the Agreement.

5. This Assignment shall be governed by, and construed in accordance with, the laws of the United States, in respect to patent issues and in all other respects, including as to validity (except for patent issues), interpretation and effect, by the laws of the State of Delaware without giving effect to any choice or conflict of laws provision or rule (whether of the State of Delaware or any other jurisdiction).

6. This Assignment 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.

[*Signature page follows*]

Witness my hand and seal this 22nd day of May, 2015.

BOSE CORPORATION

By: Robert L. Maresca

Name: Robert L. Maresca
Title: President and Chief Executive Officer

Schedule A
Assignment of Patents

Issued U.S. Patents

Title	Patent No.	Issue Date
High Frequency Intravascular Prosthesis Fatigue Tester	US 5,670,708	September 23, 1997
Device and Method for Testing the Shear Response of a Material In Response to an Applied Force (pavement)	US 5,712,431	January 27, 1998
Thermo-Electric Grip for Holding Soft Tissue	US 6,547,783	April 15, 2003
Portable Device for Testing the Shear Response of a Material in Response to a Repetitive Applied Force (pavement)	US 6,598,486	July 29, 2003
Method and Apparatus for Vascular Durability and Fatigue Testing	US 6,810,751	November 2, 2004
Method and Apparatus for Vascular Durability and Fatigue Testing	US 7,472,604	January 6, 2009
Bend Tool	US 7,546,775	June 16, 2009
Triaxial Biodynamic Test System	US 7,587,949	September 15, 2009
System and Method for Multi-axes Simulation	US 7,624,648	December 1, 2009
Relieving Stress in a Flexure	US 7,679,229	March 16, 2010
Multi Specimen Tissue Testing with Variable numbers of Specimens being Tested	US 7,694,593	April 13, 2010
Specimen Chamber Volume Reducer	US 7,846,715	December 7, 2010
Multi-Specimen Stent Testing	US 7,966,890	June 28, 2011
System and Method for Multi-axis Simulation	US 8,175,833	May 8, 2012
Multiple-Specimen Device Testing with Particle Measurement	US 8,444,935	May 21, 2013

Pending U.S. Applications

Title	Serial No.	Filing Date
System for Mechanical Stimulation and Characterization of Biologic Samples	US 13/332,495	December 21, 2011
Feedback Controller Parameter Generation with Stability Monitoring	US 12/770,868	May 1, 2009
Endosseous Dental Implant Loading Fixture	US 13/592,873	August 23, 2012
Securing Apparatus and Method	US 13/940,948	July 12, 2013
Acceleration Compensation of Load Sensors	US 13/898,519	May 21, 2013
Mechanism for Single Action Chamber Sealing	US 14/277,216	May 14, 2014
Timed Illumination for heart valve sample assessment	US 14/306,508	June 17, 2014
Tension Clamp Devices	US 14/448,256	July 31, 2014
Simple Moldable Luer Lock Interface	US 62/052,864	September 19, 2014
Rolling Diaphragm Seals	US 14/452,667	August 6, 2014
Specimen Conditioning and Imaging System	US 14/466,163	August 22, 2014
Controlling Flow and Pressure Waveforms	US 13/540,938	July 3, 2012
Electromagnetic Motor	US 13/591,938	August 22, 2012
Motor Cooling System	US 13/339,786	December 29, 2011
Convection Cooling System For Motors	US 14/57,962	September 30, 2014
System for Testing Valves	US 14/643,629	March 10, 2015
Apparatus For Testing a Prosthesis	US 62/164,929	May 21, 2015

Granted Foreign Patents

Title	Patent No.	Issue Date
Bend Tool	CN 200880018664.3	January 2, 2013
Bend Tool	EP 2153195 (DE, FR, GB)	August 8, 2013
Bend Tool	HK 1136347B	April 11, 2014
System and Method for Multi-axes Simulation	CN 200880100253.9	April 3, 2013
System and Method for Multi-axes Simulation	JP 4976549	April 20, 2012
Multi-Specimen Stent Testing	CN 200880130040.0	April 24, 2013
Multi-Specimen Stent Testing	JP 5113292	October 19, 2012
Multiple-Specimen Device Testing with Particle Measurement	CN 201080032620.3	March 26, 2014
System for Mechanical Stimulation and Characterization of Biologic Samples	AU 2012355851	February 12, 2015

Pending Foreign Applications

Title	Serial No.	Filing Date
Triaxial Biodynamic Test System	EP 08781857.1	February 18, 2010
Triaxial Biodynamic Test System	HK 10105185.2	May 26, 2010
System and Method for Multi-axes Simulation	EP 08771994.4	January 21, 2010
System and Method for Multi-axes Simulation	HK 10107381.5	April 20, 2010
Multi Specimen Tissue Testing with Variable numbers of Specimens being Tested	CN 200880129047.0	November 5, 2010
Multi Specimen Tissue Testing with Variable numbers of Specimens being Tested	EP 08874320.8	November 26, 2010
Specimen Chamber Volume Reducers	EP 09747042.1	November 30, 2010
Multi-Specimen Stent Testing	EP 08874843.9	December 21, 2010
Multi-Specimen Stent Testing	IN 8754/DELNP/2010	December 8, 2010
Stent Testing Machine Start-Up	EP 09789710.2	December 21, 2010
Multiple-Specimen Device Testing with Particle Measurement	EP 10725323.9	December 2, 2011
Relieving Stress in a Flexure	EP 08837465.7	March 16, 2010
System for Mechanical Stimulation and Characterization of Biologic Samples	CA 2857399	May 28, 2014
System for Mechanical Stimulation and Characterization of Biologic Samples	CN 2012800635808	June 20, 2014
System for Mechanical Stimulation and Characterization of Biologic Samples	EP 12798104.1	June 4, 2014
Feedback Controller Parameter Generation with Stability Monitoring	CN 201080018605.3	April 30, 2010
Feedback Controller Parameter Generation with Stability Monitoring	EP 10731621.8	April 30, 2010
Securing Apparatus and Method	WO PCT/US14/45557	July 7, 2014
Acceleration Compensation of Load Sensors	WO PCT/US14/37114	May 7, 2014
Electromagnetic Motor	EP 13752797.4	February 24, 2015
Motor Cooling System	CN 201280065312X	June 27, 2014
Motor Cooling System	EP 12809916.5	June 16, 2014
Convection Cooling System For Motors	WO PCT/US14/57962	September 29, 2014