# PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT3087398

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|---|---|
| **SUBMISSION TYPE:** | NEW ASSIGNMENT |
| **NATURE OF CONVEYANCE:** | RELEASE OF PATENT SECURITY INTEREST |

**CONVEYING PARTY DATA**

| Name | Execution Date |
|---|---|
| JPMORGAN CHASE BANK, N.A., AS COLLATERAL AGENT | 10/09/2014 |

**RECEIVING PARTY DATA**

| | |
|---|---|
| **Name:** | MEASUREMENT SPECIALTIES, INC. |
| **Street Address:** | 1000 LUCAS WAY |
| **City:** | HAMPTON |
| **State/Country:** | VIRGINIA |
| **Postal Code:** | 23666 |

**PROPERTY NUMBERS Total: 46**

| Property Type | Number |
|---|---|
| **Patent Number:** | 6800987 |
| **Patent Number:** | 6772490 |
| **Patent Number:** | 6677707 |
| **Patent Number:** | 6635910 |
| **Patent Number:** | 6568276 |
| **Patent Number:** | 6550337 |
| **Patent Number:** | 6534999 |
| **Patent Number:** | 6526834 |
| **Patent Number:** | 6504289 |
| **Patent Number:** | 6417466 |
| **Patent Number:** | 6411015 |
| **Patent Number:** | 6411014 |
| **Patent Number:** | 6406636 |
| **Patent Number:** | 6341528 |
| **Patent Number:** | 6239535 |
| **Patent Number:** | 5929391 |
| **Patent Number:** | 5673041 |
| **Patent Number:** | 5571961 |
| **Patent Number:** | 5515341 |
| **Patent Number:** | 5495137 |
| **Patent Number:** | 5486820 |

| Property Type | Number |
|---|---|
| **Patent Number:** | 5483501 |
| **Patent Number:** | 5452612 |
| **Patent Number:** | 5442592 |
| **Patent Number:** | 5424716 |
| **Patent Number:** | 5237753 |
| **Patent Number:** | 5180986 |
| **Patent Number:** | 5116457 |
| **Patent Number:** | 5079847 |
| **Patent Number:** | 7204010 |
| **Patent Number:** | 7218040 |
| **Patent Number:** | 7181977 |
| **Patent Number:** | 6889153 |
| **Patent Number:** | 6938490 |
| **Patent Number:** | 7317313 |
| **Patent Number:** | 7484887 |
| **Patent Number:** | 7124048 |
| **Patent Number:** | 7412892 |
| **Patent Number:** | 7592800 |
| **Patent Number:** | 7546778 |
| **Patent Number:** | 7342350 |
| **Patent Number:** | 6937736 |
| **Patent Number:** | 5014793 |
| **Application Number:** | 12394999 |
| **Application Number:** | 12330316 |
| **Application Number:** | 12118294 |

**CORRESPONDENCE DATA**

**Fax Number:** (800)494-7512

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|---|---|
| **ATTORNEY DOCKET NUMBER:** | F152400 |
| **NAME OF SUBMITTER:** | SONYA JACKMAN |
| **SIGNATURE:** | /Sonya Jackman/ |
| **DATE SIGNED:** | 10/30/2014 |

**Total Attachments: 9**
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RELEASE OF PATENT SECURITY INTEREST

THIS RELEASE OF PATENT SECURITY INTEREST (the "Release") is made effective as of October 9, 2014, by JPMORGAN CHASE BANK, N.A., as Collateral Agent (the "Collateral Agent") to MEASUREMENT SPECIALTIES, INC. (the "Grantor") as follows:

WHEREAS, the Grantor, certain Subsidiaries of the Grantor, and the Collateral Agent for the Secured Parties are parties to that certain Pledge and Security Agreement dated as of June 1, 2010 (as may be amended, restated, supplemented or otherwise modified from time to time, the "Security Agreement");

WHEREAS, pursuant to the Security Agreement, the Grantor was required to execute and deliver a Confirmatory Grant of Security Interest in United States Patents dated as of June 1, 2010, October 8, 2010, January 18, 2013, May 16, 2013, and April 3, 2014 (collectively the "Patent Agreements") to the Collateral Agent in order to secure the prompt and complete payment, observance and performance of all of the Secured Obligations in accordance with the terms and conditions of the various loan documents;

WHEREAS, pursuant to the Patent Agreements, the Grantor granted to the Collateral Agent, among other collateral, a continuing security interest in all of the Grantor's right, title and interest, in, to and under the United States Patents listed on the attached Schedule A (the "Patents");

WHEREAS, the Patent Agreements were recorded in the United States Patent & Trademark Office on June 1, 2010 at Reel/Frame 24463/0953, on October 14, 2010 at Reel/Frame 25137/0406, on January 18, 2013 at Reel/Frame 29660/543, on May 17, 2013 at Reel/Frame 30440/0833, and on April 4, 2014 at Reel/Frame 32605/0735; and

WHEREAS, the Collateral Agent wishes to release its security interest in the Patents.

NOW THEREFORE, as the Grantor has satisfied its Secured Obligations under the Security Agreement, the Collateral Agent hereby terminates, releases and discharges any security interest in and lien upon the Patents, and assigns, transfers, and conveys to the Grantor any and all right, title or interest in, or to, the Patents that the Collateral Agent may hold.

[Signature Page Follows]

IN WITNESS WHEREOF, the Collateral Agent has caused this Release to be executed by its duly authorized officer.

JPMORGAN CHASE BANK, N.A., as Collateral Agent

By: _____

Name: Lawrence Normile

Title: Authorized Signor

**Schedule A**

to

**Release of Patent Security Agreement**

Reel/Frame 24463/0953

| NO. | TITLE | APPLN. NO. | APPLN. DATE | PATENT/ REG. NO. | ISSUE DATE |
|---|---|---|---|---|---|
| 1 | PROTECTIVE HOUSING FOR ULTRASONIC TRANSDUCER APPARATUS | 10/349,483 | 1/22/2003 | 6,800,987 | 10/5/2004 |
| 2 | A METHOD OF FORMING A RESONANCE TRANSDUCER | 09/922111 | 7/23/1999 | 6,772,490 | 8/10/2004 |
| 3 | SIDE EMITTING SURFACE MOUNTED LIGHT EMITTING DIODE | 612163 | 7/8/2000 | 6,677,707 | 3/5/2004 |
| 4 | SILICON STRAIN GAGE HAVING A THIN LAYER OF HIGHLY CONDUCTIVE SILICON | 09/359012 | 7/22/1999 | 6,635,910 | 10/21/2003 |
| 5 | STRAIN GAUGE BASED SENSOR WITH IMPROVED LINEARITY | 09/633177 | 8/4/2000 | 6,568,276 | 5/27/2003 |
| 6 | ISOLATION TECHNIQUE FOR PRESSURE SENSING STRUCTURE | 489560 | 1/19/2000 | 6,550,337 | 4/22/2003 |
| 7 | CABLE SENSOR | 09/991190 | 11/15/2001 | 6,534,999 | 3/18/2003 |
| 8 | PIEZOELECTRIC SENSOR | 645007 | 8/23/2000 | 6,526,834 | 3/4/2003 |
| 9 | PIEZOELECTRIC TRANSDUCER HAVING PROTUBERANCES FOR TRANSMITTING ACOUSTIC ENERGY AND METHOD OF MAKING THE SAME | 09/954811 | 3/28/2000 | 6,504,289 | 1/7/2003 |
| 10 | LOAD CELL WITH BOSSED SENSOR PLATE FOR AN ELECTRICAL WEIGHING SCALE | 09/146890 | 9/3/1998 | 6,417,466 | 7/9/2002 |
| 11 | MULTIPLE PIEZOELECTRIC TRANSDUCER ARRAY | 09/567385 | 5/9/2000 | 6,411,015 | 6/25/2002 |
| 12 | CYLINDRICAL TRANSDUCER APPARATUS | 09/566612 | 5/9/2000 | 6,411,014 | 6/25/2002 |

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|---|---|---|---|---|---|
| 13 | METHODS FOR WAFER TO WAFER BONDING USING MICROSTRUCTURES | 09/324342 | 6/2/1999 | 6,406,636 | 6/18/2002 |
| 14 | STRAIN SENSING STRUCTURE WITH IMPROVED RELIABILITY | 438879 | 11/12/1999 | 6,341,528 | 1/29/2002 |
| 15 | OMNI-DIRECTIONAL ULTRASONIC TRANSDUCER APPARATUS HAVING CONTROLLED FREQUENCY RESPONSE | 09/281398 | 3/30/1999 | 6,239,535 | 5/29/2001 |
| 16 | LOAD CELL FOR AN ELECTRICAL WEIGHING SCALE | 08/641624 | 5/2/1996 | 5,929,391 | 7/27/1999 |
| 17 | REFLECTIVE MODE ULTRASONIC TOUCH SENSITIVE SWITCH | 08/518692 | 8/24/1995 | 5,673,041 | 9/30/1997 |
| 18 | WHEEL LOAD SENSOR WITH PIEZO-ELECTRIC PICKUP AND METHOD OF MANUFACTURING SUCH A SENSOR | 08/316579 | 9/30/1994 | 5,571,961 | 11/05/1996 |
| 19 | PROXIMITY SENSOR UTILIZING POLYMER PIEZOELECTRIC FILM | 08/121392 | 9/14/1993 | 5,515,341 | 5/07/1996 |
| 20 | PROXIMITY SENSOR UTILIZING POLYMER PIEZOELECTRIC FILM WITH PROTECTIVE METAL LAYER | 08/298864 | 8/31/1994 | 5,495,137 | 2/27/1996 |
| 21 | TRAFFIC SENSOR HAVING PIEZOELECTRIC SENSORS WHICH DISTINGUISH LANES OF TRAFFIC | 07/992577 | 12/18/1992 | 5,486,820 | 1/23/1996 |
| 22 | SHORT DISTANCE ULTRASONIC DISTANCE METER | 08/236907 | 4/29/1994 | 5,483,501 | 1/09/1996 |
| 23 | MULTI-MODE ACCELEROMETER | 08/159350 | 11/30/1993 | 5,452,612 | 9/26/1995 |
| 24 | ULTRASONIC DISTANCE METER | 08/193345 | 2/8/1994 | 5,442,592 | 8/15/1995 |
| 25 | PENETRATION DETECTION SYSTEM | 07/957604 | 10/6/1992 | 5,424,716 | 6/13/1995 |
| 26 | CAPACITIVE GRAVITY SENSOR AND INCLINOMETER | 07/884332 | 5/18/1992 | 5,237,753 | 8/24/1993 |
| 27 | TWO AXIS CAPACITIVE INCLINATION SENSOR | 07/775593 | 5/22/1989 | 5,180,986 | 1/19/1993 |

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| 28 | SEMICONDUCTOR TRANSDUCER OR ACTUATOR UTILIZING CORRUGATED SUPPORTS | 07/753607 | 8/30/1991 | 5,116,457 | 5/26/1992 |
| 29 | TWO AXIS INCLINATION SENSOR | 07/355014 | 5/22/1989 | 5,079,847 | 1/14/1992 |
| 30 | LOAD SENSOR PLATE | 10/833,539 | 4/28/2004 | 7,204,010 | 4/17/2007 |
| 31 | HANDHELD DEVICE HAVING ULTRASONIC TRANSDUCER FOR AXIAL TRANSMISSION OF ACOUSTIC SIGNALS | 10/625,482 | 7/22/2003 | 7,218,040 | 5/15/2007 |
| 32 | SENSOR ASSEMBLY WITH LEAD ATTACHMENT | 10/349,482 | 1/22/2003 | 7,181,977 | 2/27/2007 |
| 33 | SYSTEM AND METHOD FOR SELF-CALIBRATING NONINVASIVE SENSOR | 10/149,779 | 6/12/2002 | 6,889,153 | 5/3/2005 |
| 34 | ISOLATION TECHNIQUE FOR PRESSURE SENSING STRUCTURE | 10/371,509 | 2/20/2003 | 6,938,490 | 9/6/2005 |
| 35 | MAGNETIC ENCODER APPARATUS | 10/413,640 | 4/15/2003 | 7,317,313 | 1/08/2008 |
| 36 | DIGITALLY MODIFIED RESISTIVE OUTPUT FOR A TEMPERATURE SENSOR | 10/783,491 | 2/20/2004 | 7,484,887 | 2/03/2009 |
| 37 | SYSTEM AND METHOD FOR A SELF-CALIBRATING NON-INVASIVE SENSOR | 11/007,656 | 12/8/2004 | 7,124,048 | 10/17/2006 |
| 38 | METHOD OF MAKING PRESSURE TRANSDUCER AND APPARATUS | 11/810,606 | 6/06/2007 | 7,412,892 | 8/19/2008 |
| 39 | ALIGNMENT SPACER FOR MAGNETIC ENCODER APPARATUS WITH AT LEAST ONE TAB | 11/904,100 | 9/26/2007 | 7,592,800 | 9/22/2009 |
| 40 | FLOW METER | 12/021,658 | 1/29/2008 | 7,546,778 | 7/16/2009 |
| 41 | HANDHELD DEVICE HAVING ULTRASONIC TRANSDUCER FOR AXIAL TRANSMISSION OF ACOUSTIC SIGNALS | 11/504,306 | 8/15/2006 | 7,342,350 | 3/11/2008 |
| 42 | LOW PRESSURE TRANSDUCER USING BEAM AND DIAPHRAGM | 12/394,999 | 2/27/2009 | | |
| 43 | MULTILAYER BACKING ABSORBER FOR ULTRASONIC TRANSDUCER | 12/330,316 | 12/8/2008 | | |

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|---|---|---|---|---|---|
| 44 | TAMPER RESISTANT ELECTRONIC TRANSACTION ASSEMBLY | 12/118,294 | 5/09/2008 | | |
| 45 | ACOUSTIC SENSOR USING CURVED PIEZOELECTRIC FILM | 10/212,557 | 8/5/2002 | 6,937,736 | 8/30/2005 |
| 46 | VARIABLE SPEED DC MOTOR CONTROLLER APPARATUS PARTICULARLY ADAPTED FOR CONTROL OF PORTABLE-POWER TOOLS | | 4/10/1989 | 5,014,793 | 5/15/1991 |

Reel/Frame 25137/0406

| Status | Title | Filing Date | App. No. | Issue Date | Issue No. |
|---|---|---|---|---|---|
| Granted | VIBRATING BEAM FORCE SENSOR HAVING IMPROVED PRODUCIBILIT | 3/14/2000 | 09/524,752 | 9/17/2002 | 6,450,032 |
| Granted | VIBRATING BEAM FORCE SENSOR OF IMPROVED RUGGEDNESS AND MOUNTABILITY | 6/21/2006 | 11/471,617 | 3/3/2009 | 7,498,728** |

** Released (Reel/Frame 29660/0591)

Reel/Frame 29660/0543

| Status | Title | Filing Date | App. No. | Issue Date | Issue No. |
|---|---|---|---|---|---|
| Granted | INVASIVE AND NON-INVASIVE ULTRASONIC SENSOR WITH CONTINUOUS AND DEMAND SELF-TEST | 9 /8 /1995 | 08/525,929 | 9 /2 /1997 | 5,663,503 |
| Granted | NON-CONTACT ULTRASONIC MICROMEASUREMENT SYSTEM | 10/31/1997 | 08/961,607 | 3 /9 /1999 | 5,880,364 |
| Granted | NON-INVASIVE FLOW RATE MEASURING SYSTEM AND METHOD | 8 /30/2002 | 10/231,595 | 10/14/2003 | 6,631,639 |
| Granted | NON-CONTACTING ULTRASONIC TRANSDUCER | 6 /24/2002 | 10/178,151 | 8 /24/2004 | 6,781,287 |
| Granted | INTEGRAL ULTRASONIC LIQUID LEVEL CONTINUOUS TRANSMITTER WITH INDEPENDENT HIGH-LEVEL DISCRETE ALARM POINT LEVEL | 10/3 /2003 | 10/679,236 | 12/21/2004 | 6,832,516 |

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|---|---|---|---|---|---|
| Granted | SELF-CALIBRATING CAPACITANCE GAUGE | 3/31/2003 | 10/403,203 | 2/22/2005 | 6,857,313 |
| Granted | ANTI-FOULING APPARATUS AND METHOD | 12/16/2003 | 10/737,442 | 3/11/2008 | 7,341,695 |
| Granted | NON-INVASIVE ULTRASONIC SYSTEM TO DETERMINE INTERNAL PRESSURE IN FLEXIBLE TUBING | 11/8 /2007 | 11/983,328 | 11/17/2009 | 7,617,739 |
| Granted | DIGITALLY MODIFIED RESISTIVE OUTPUT FOR A TEMPERATURE SENSOR | 4/12/2008 | 12/101,962 | 1/5/2010 | 7,641,390 |
| Granted | NON-INVASIVE BOTTOM UP CONTINUOUS LIQUID LEVEL TRANSMITTER | 6 /7 /2007 | 11/810,785 | 4 /13/2010 | 7,694,560 |
| Granted | NON-INVASIVE DRY COUPLED DISPOSABLE/REUSABLE ULTRASONIC SENSOR | 3 /30/2007 | 11/731,212 | 4 /13/2010 | 7,694,570 |
| Granted | NON-INVASIVE FLOW RATE MEASURING SYSTEM AND METHOD | 12/14/2009 | 12/636,865 | 3 /22/2011 | 7,908,931 |
| Granted | POSITIVE TUBE RETENTION ARRANGEMENT | 4 /19/2008 | 12/148,430 | 1 /10/2012 | 8,091,442 |
| Granted | ULTRASONIC SYSTEM FOR DETECTING AND QUANTIFYING OF AIR BUBBLES/PARTICLES IN A FLOWING LIQUID | 2 /6 /2007 | 11/703,025 | 2 /16/2010 | 7,661,293 |
| Granted | NON-INVASIVE MULTI-FUNCTION SENSOR SYSTEM | 9 /21/2007 | 11/903,261 | 2 /16/2010 | 7,661,294 |
| Granted | BOTTOM UP CONTACT TYPE ULTRASONIC CONTINUOUS LEVEL SENSOR | 12/1 /2008 | 12/315,149 | 11/22/2011 | 8,061,196 |
| Pending | APPARATUS AND METHOD FOR REAL TIME MEASUREMENT OF A CONSTITUENT OF BLOOD TO MONITOR BLOOD VOLUME | 2 /8 /2011 | 13/022,949 | | |
| Granted | MULTILAYER IMPEDANCE CONVERTER FOR ULTRASONIC TRANSDUCER | 7/14/2010 | 12/836,071 | 9/11/2011 | 8,264,126 |
| Pending | SECURITY FEATURE FOR CALIBRATING AND PROGRAMMING DISPENSER MECHANISMS USING | 2/2/2011 | 13/019,774 | | |

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|---|---|---|---|---|---|
| | LIGHT OR LIGHT PULSED SEQUENCES | | | | |
| Pending | GROUNDWATER MONITORING SYSTEM | 10/4/2011 | 13/252,726 | | |
| Pending | RESPONSE TRANSDUCER WITH ON-BOARD USER-ACTUATED AUTO-ZERO | 10/28/2010 | 12/914,550 | | |
| Pending | ENCODER USING MAGNET DROP OUT FEATURE FOR THEFT DETECTION | 11/23/2010 | 12/952,496 | | |
| Granted | BOTTOM UP CONTACT TYPE ULTRASONIC CONTINUOUS LEVEL SENSOR | 8 /4 /2010 | 12/850,248 | 8/21/2012 | 8,248,888 |
| Pending | INTEGRATED SIGNAL GROUND AND SHIELD LAYER CONNECTION FOR MULTILAYER ACOUSTIC IMPEDANCE CONVERTER FOR ULTRASONIC TRANSDUCER | 3/30/2012 | 13/436,434 | | |

Reel/Frame 30440/0833

| Status | Title | Filing Date | App. No. | Issue Date | Issue No. |
|---|---|---|---|---|---|
| Granted | RETURN BEND TEMPERATURE SENSOR | 8/9/2002 | 10/215,863 | 11/9/2004 | 6,814,486 |
| Provisional | SMART INERTIAL SENSOR | 8/17/2012 | 61/684,463 | | |

Reel/Frame 32602/0735

| No. | Title | Filing Date | Filing No. | Grant Date | Grant No. | Expiration | Status |
|---|---|---|---|---|---|---|---|
| 1 | MULTILAYER BACKING ABSORBER FOR ULTRASONIC TRANSDUCERS | 10/25/2013 | 14/063717 | | | | |
| 2 | REINFORCED FLEXIBLE STATOR WINDING TEMPERATURE SENSOR | 9/26/2013 | 12/148,430 | | | | |
| 3 | RETURN BEND TEMPERATURE SENSOR | 8/9/2002 | 10/215,863 | 11/9/2004 | 6814486 | 8/8/2022 | Granted |

| No. | Title | Filing Date | Filing No. | Grant Date | Grant No. | Expiration | Status |
|---|---|---|---|---|---|---|---|
| 4 | A HIGH-SPEED SENSOR FOR MEASURING CHEST DEFLECTION IN CRASH TEST DUMMIES | 11/4/2013 | 14/071131 | | | | |