

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM405373

| | | | |
|---|---|-----------------------|------------------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT | | |
| NATURE OF CONVEYANCE: | Guarantor Joinder and Assumption Agreement | | |
| CONVEYING PARTY DATA | | | |
| Name | Formerly | Execution Date | Entity Type |
| MSP Corporation | | 10/31/2016 | Corporation: MINNESOTA |
| RECEIVING PARTY DATA | | | |
| Name: | PNC Bank, National Association | | |
| Street Address: | 300 Fifth Avenue | | |
| Internal Address: | The Tower at PNC Plaza | | |
| City: | Pittsburgh | | |
| State/Country: | PENNSYLVANIA | | |
| Postal Code: | 15222 | | |
| Entity Type: | National Banking Association: UNITED STATES | | |
| PROPERTY NUMBERS Total: 1 | | | |
| Property Type | Number | Word Mark | |
| Registration Number: | 3192196 | MSP | |
| CORRESPONDENCE DATA | | | |
| Fax Number: | 4125621041 | | |
| <i>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.</i> | | | |
| Phone: | 412-562-1637 | | |
| Email: | vicki.cremonese@bipc.com | | |
| Correspondent Name: | Michael L. Dever | | |
| Address Line 1: | 301 Grant Street | | |
| Address Line 2: | 20th Floor | | |
| Address Line 4: | Pittsburgh, PENNSYLVANIA 15219 | | |
| NAME OF SUBMITTER: | Michael L. Dever | | |
| SIGNATURE: | /Michael L. Dever/ | | |
| DATE SIGNED: | 11/14/2016 | | |
| Total Attachments: 24 | | | |
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GUARANTOR JOINDER AND ASSUMPTION AGREEMENT

THIS GUARANTOR JOINDER AND ASSUMPTION AGREEMENT is made as of October 31, 2016, by MSP Corporation, a Minnesota corporation (the "New Guarantor").

Background

Reference is made to (i) the Amended and Restated Credit Agreement dated as of October 6, 2016 (as the same may be modified, supplemented, or amended, the "**Credit Agreement**") by and among TSI Incorporated, a Minnesota corporation (the "**Borrower**"), PNC Bank, National Association, in its capacity as administrative agent for the Lenders party thereto (in such capacity, the "**Administrative Agent**"), the Guarantors party thereto (the "**Guarantors**") and the Lenders party thereto, (ii) the Continuing Agreement of Guaranty and Suretyship dated as of October 6, 2016 (as the same may be modified, supplemented, or amended, the "**Guaranty**") of Guarantors issued to the Lenders and the Administrative Agent, (iii) the Patent, Trademark and Copyright Security Agreement dated as of October 6, 2016 (as the same may be modified, supplemented, or amended, the "**IP Security Agreement**"), among the Pledgors (as defined therein) and the Administrative Agent, (iv) the Pledge Agreement dated as of October 6, 2016 (as the same may be modified, supplemented, or amended, the "**Pledge Agreement**") among the Pledgor(s) (as defined therein) and the Administrative Agent, (v) the Security Agreement dated as of October 6, 2016 (as the same may be modified, supplemented, or amended, the "**Security Agreement**") among the Debtors (as defined therein) and the Administrative Agent, and (vi) the other Loan Documents referred to in the Credit Agreement, as the same may be modified, supplemented, or amended.

Agreement

Capitalized terms defined in the Credit Agreement are used herein as defined therein. In consideration of the New Guarantor becoming a Guarantor under the terms of the Credit Agreement and in consideration of the value of the direct and indirect benefits received by New Guarantor as a result of becoming affiliated with the Borrower and the Guarantors, the New Guarantor hereby agrees that effective as of the date hereof it hereby is, and shall be deemed to be, a Guarantor under the Credit Agreement, the Guaranty and each of the other Loan Documents to which the Guarantors are a party, a Pledgor under the IP Security Agreement and the Pledge Agreement, a Debtor under the Security Agreement and agrees that from the date hereof and so long as any Loan or any Commitment of any Lender shall remain outstanding and until the Payment In Full, New Guarantor has assumed the joint and several obligations of a "Guarantor" under, and New Guarantor shall perform, comply with and be subject to and bound by, jointly and severally, each of the terms, provisions and waivers of the Credit Agreement and the Guaranty, the IP Security Agreement, the Pledge Agreement, the Security Agreement and each of the other Loan Documents which are stated to apply to or are made by a "Guarantor". Without limiting the generality of the foregoing, the New Guarantor hereby represents and warrants that (i) each of the representations and warranties set forth in Article 6 of the Credit Agreement applicable to New Guarantor as a Guarantor is true and correct as to New Guarantor on and as of the date hereof, and (ii) New Guarantor has heretofore received a true and correct copy of the Credit Agreement, the Guaranty, and each of the other Loan Documents (including any modifications thereof or supplements or waivers thereto) in effect on the date hereof.

New Guarantor hereby makes, affirms, and ratifies in favor of the Lenders and the Administrative Agent the Credit Agreement, the Guaranty and each of the other Loan Documents given by the Guarantors to Administrative Agent and any of the Lenders.

New Guarantor is simultaneously delivering to the Administrative Agent the following documents together with the Guarantor Joinder required under Section 8.2.9 [Subsidiaries]:

Updated Schedules to Credit Agreement. [Note: updates to schedules do not cure any breach of warranties].

| <u>Schedule No. and Description</u> | <u>Delivered</u> | <u>Not Delivered</u> |
|---|--------------------------|--------------------------|
| Schedule 6.1.2 - Subsidiaries | <input type="checkbox"/> | <input type="checkbox"/> |
| Schedule 6.1.11 – Registered Patents, Trademarks and Copyrights | <input type="checkbox"/> | <input type="checkbox"/> |
| Opinion of Counsel (Schedule 7.1.1) | <input type="checkbox"/> | <input type="checkbox"/> |
| IP Security Agreement Schedules | <input type="checkbox"/> | <input type="checkbox"/> |
| Security Agreement Schedules | <input type="checkbox"/> | <input type="checkbox"/> |
| Pledge Agreement Schedules | <input type="checkbox"/> | <input type="checkbox"/> |
| Any other Schedules to Credit Agreement that necessitate updates after giving effect to this Guarantor Joinder and Assumption Agreement | <input type="checkbox"/> | <input type="checkbox"/> |

In furtherance of the foregoing, New Guarantor shall execute and deliver or cause to be executed and delivered at any time and from time to time such further instruments and documents and do or cause to be done such further acts as may be reasonably necessary in the reasonable opinion of the Administrative Agent to carry out more effectively the provisions and purposes of this Guarantor Joinder and Assumption Agreement.

This Guarantor Joinder and Assumption Agreement may be executed in any number of counterparts, and by different parties hereto in separate counterparts, each of which, when so executed, shall be deemed an original, but all such counterparts shall constitute one and the same instrument. New Guarantor acknowledges and agrees that a telecopy transmission to the Administrative Agent or any Lender of signature pages hereof purporting to be signed on behalf of New Guarantor shall constitute effective and binding execution and delivery hereof by New Guarantor.

IN WITNESS WHEREOF, and intending to be legally bound hereby, the New Guarantor has duly executed this Guarantor Joinder and Assumption Agreement and delivered the same to the Administrative Agent for the benefit of the Lenders, as of the date and year first above written.

MSP CORPORATION

By: Mark Schwirtz
Name: Mark Schwirtz
Title: Chief Financial Officer

Acknowledged and accepted:

PNC BANK, NATIONAL ASSOCIATION,
as Administrative Agent

By: _____
Name: _____
Title: _____

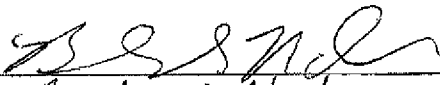
IN WITNESS WHEREOF, and intending to be legally bound hereby, the New Guarantor has duly executed this Guarantor Joinder and Assumption Agreement and delivered the same to the Administrative Agent for the benefit of the Lenders, as of the date and year first above written.

MSP CORPORATION

By: _____
Name: _____
Title: _____

Acknowledged and accepted:

PNC BANK, NATIONAL ASSOCIATION,
as Administrative Agent

By: 
Name: Brandon S. Norder
Title: Vice President

**SCHEDULE A
TO
PATENT, TRADEMARK AND COPYRIGHT SECURITY AGREEMENT**

**LIST OF REGISTERED PATENTS, TRADEMARKS,
TRADE NAMES AND COPYRIGHTS**

1. Registered Patents:

| TSI/D-j | Title | Number | Issue | Filing | Inventor | Active |
|----------------|--|---------------|--------------|---------------|---|---------------|
| TSI | Fluorescent Biological Particle Detection System | US5895922 | 4/20/1999 | 5/23/1997 | Ho | Active |
| TSI | Apparatus for Determining Powder Flowability | US5959222 | 9/28/1999 | 4/1/1998 | Poole | Active |
| TSI | System for Detecting Fluorescing Components in Aerosols | US5999250 | 11/25/2003 | 3/20/1998 | Hairston Quant | Active |
| TSI | Respirator Fit-Testing With Size Selected Aerosol | US6125845 | 10/3/2000 | 8/29/1997 | Halvorsen Keady | Active |
| TSI | Instrument for Measuring and Classifying Nanometer Aerosols | US6230572B1 | 5/15/2001 | 2/12/1999 | Pui Chen Quant Sem Fissen Hummes Dorman | Active |
| TSI | Airflow Measurement Device | US6244144B1 | 6/12/2001 | 9/30/1998 | Kowal Blond | Active |
| TSI | Aerosol Charge Adjusting Apparatus Employing a Corona Discharge | US6544484B1 | 4/8/2003 | 6/16/2000 | Kaufman Dorman | Active |
| TSI | Evaporative Electrical Detector | US6568245B2 | 5/27/2003 | 3/13/2002 | Kaufman | Active |
| TSI | Laser Diode-Excited Biological Particle Detection Systems | US6831279B2 | 12/14/2004 | 11/27/2001 | Jim Ho | Active |
| TSI | Aerosol Charge Altering Device | US7031133B2 | 4/18/2006 | 10/15/2004 | Ulrich Reibel | Active |
| TSI | Analysis Systems Detecting Particle Size Fluorescence | US7057712B2 | 6/6/2006 | 6/24/2003 | Beck Hairston Kaufman | Active |
| TSI | Integrating Electrometer Amplifying Circuit | US7230431B2 | 6/12/2007 | 1/27/2004 | Mirme | Active |
| TSI | Circumferential Slot Virtual Impactor for Concentrating Aerosols | US7261007B2 | 8/28/2007 | 11/22/2004 | Haglund McFarland | Active |

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|-----|---|-------------|------------|------------|---|--------|
| TSI | Air Pump for Particle Sensing Using Regenerative Fan, And Associated Methods | US6167107 | 12/26/2000 | 7/16/1999 | Bates | Active |
| TSI | Stereo Multiplexed Holographic Particle Image Velocimeter | US5548419 | 8/20/1996 | 6/20/1994 | Adrian Barnhart Papen | Active |
| TSI | Peak Detector | US7180335B2 | 2/7/2007 | 7/20/2005 | Hill | Active |
| TSI | Peak Detector | GB2416595B | 3/5/2008 | 7/27/2004 | Hill | Active |
| TSI | Particle Counter for Liquids | GB2411002B | 12/20/2006 | 2/11/2004 | Hill | Active |
| TSI | Apparatus and Method for Minimizing Performance Degradation in a Laser Device | US5907575 | 5/25/1999 | 7/17/1997 | Sandberg | Active |
| TSI | Method of Noise Cancellation in an Unpolarized Laser Instrument | US7079243B2 | 7/18/2006 | 7/16/2003 | Sandberg Turchette | Active |
| TSI | Method for Noise Cancellation by Spectral Flattening of Laser Output in a Multi-Line Laser Instrument | US7295585B2 | 11/13/2007 | 7/16/2003 | Sandberg Turchette | Active |
| TSI | Method and Apparatus for Achieving Polarization in a Laser Using a Dual-Mirror Mirror Mount | US6567456B1 | 5/20/2003 | 8/23/1999 | Sandberg | Active |
| TSI | Particle Surface Treatment for Promoting Condensation | 7,407,531 | 8/5/2008 | 5/9/2005 | Richard C. Flagan Stanley L. Kaufman Gilmore J. Sem | Active |
| TSI | Instruments for Measuring Nanoparticle Exposure | US7812306 | 10/12/2010 | 5/23/2006 | Fissan Trampe Pui Kaufman | Active |
| D-j | SYNCHRONIZATION OF A TWIN ROW PLANTING SYSTEM | US9,320,192 | 04/26/2016 | 11/12/2013 | Steffen Kuhnel | Active |
| D-j | Fault-tolerant Sensing and Monitoring Communications Bus System for Agricultural Applications | US9,307,694 | 4/12/2016 | 1/7/2013 | Kuhnel Miller | Active |
| D-j | Apparatus and Method for Sensing a Full Level Condition for a Large Basket REceptacle or the Like | US5770865 | 6/23/1998 | 3/21/1997 | Ron Steffen John Galman | Active |
| D-j | Universal Control System with Alarm History Tracking for Mobile Material Distribution Apparatus | US5801948 | 9/1/1998 | 8/22/1996 | John Wood Joel Morton | Active |

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|-----|---|--------------|------------|------------|---|--------|
| D-j | Apparatus and Method for Sensing Material Build-Up | US5819512 | 10/13/1998 | 3/20/1997 | Ron Steffen Ernie Poani David Steffen | Active |
| D-j | Boom Configuration Monitoring and Control System for Mobile Material Distribution Apparatus | US5884205 | 3/16/1999 | 8/22/1996 | Thomas Elmore Joel Morton Ron Steffen | Active |
| D-j | Universal Modular Control System for Mobile Material Distribution Apparatus | US5897600 | 4/27/1999 | 8/22/1996 | Tom Elmore John Wood Ron Steffen Joel Morton | Active |
| D-j | Control System for a Mobile Material Distribution Device | US5911362 | 6/15/1999 | 2/26/1997 | John Wood Joel Morton | Active |
| D-j | Viscometer Module with Crystal Resonator-Type Sensor | US6141625 | 10/31/2000 | 6/4/1998 | Ron Smith Mark Lovik | Active |
| D-j | Infrared Reflective Article Counting/Detecting Device | US6373057 | 4/16/2002 | 9/23/1998 | Barry Penfold | Active |
| TSI | Size Segregated Aerosol Mass Concentration Measurement Device | US7,932,490 | 4/26/2011 | 8/7/2008 | Wang, Agarwal, Chancellor, Evenstad | Active |
| TSI | Method and Apparatus for Continuously Determining the Inclination and Draft of a Waterborne Floating Vessel | US5,547,327 | 8/20/1996 | 9/1/1995 | Bachaf, Isakovic | Active |
| TSI | Instrument for measuring and classifying nanometer aerosols | US6230572B1 | 5/15/2001 | 2/12/1999 | Pui | Active |
| TSI | Analysis of Signal Oscillation Patterns | US7362421 | 4/22/2008 | 9/1/2006 | Gang Pan | Active |
| TSI | Aerosol Charge Conditioner | 7,796,727 B1 | 9/14/2010 | 3/25/2009 | Kaufman | Active |
| TSI | Laser Diode-Excited Biological Particle Detection System | CA 2,363,853 | 1/13/2009 | | Ho | Active |
| TSI | Laser Diode-Excited Biological Particle Detection System | 6,831,279 | 12/14/2004 | 11/27/2001 | Ho | Active |
| TSI | Fluorescent Biological Particle Detection System | 5,701,012 | 12/23/1997 | 3/19/1996 | Ho | Active |
| TSI | Smart Sensor Module | US6032109 | 2/29/2000 | 10/21/1997 | Ritmiller | Active |
| TSI | Transducer Assembly with Smart Connector | US6243654 | 6/5/2001 | 10/7/1998 | Johnson | Active |
| TSI | Smart Remote Monitoring System and Method | 6553336 | 4/22/2003 | 6/26/2000 | Johnson et al | Active |
| TSI | Device and Method for Separating and Increasing the Concentration of Charged Particles in a Sampled Aerosol | 8,192,523 | 6/5/2012 | 2/23/2009 | Kaufman Kolb Holm | Active |

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|-----|---|-----------|------------|------------|--|---|
| TSI | Size Segregated Aerosol Mass Concentration Measurement with Inlet Conditioners and Multiple Detectors | 8,047,055 | 11/01/2011 | 2/10/2010 | Wang Agarwal Chancellor Evanstad Hase Avula Farnsworth Lieder | Active |
| TSI | Size Segregated Aerosol Mass Concentration Measurement with Inlet Conditioners and Multiple Detectors | 8,534,116 | 9/17/2013 | 9/23/2011 | Wang Agarwal Chancellor Evanstad Hase Avula Farnsworth Lieder | Active* Original assignment to PNC Bank NA |
| TSI | Automated Qualitative Mask Fit Tester | 8,276,587 | 10/2/2012 | 2/17/2009 | Zhang, Zanto, Shi, Olson, Poeschl, Majkowski, Olstad | Active |
| TSI | Respirator Test Accessory | 8,312,761 | 11/20/2012 | 6/24/2009 | Montividas Remiarz Johnson Carideo | Active |
| TSI | Respirator Test Accessory | 8,621,914 | 1/7/2014 | 11/14/2012 | Montividas Remiarz Johnson Carideo | Active |
| TSI | Nebulizer Waste Pressure Reducer for HPLC Systems | 8,292,990 | 11/23/2012 | 9/8/2009 | Schumacher Montevidas | Active |
| TSI | Method and System for Significantly Improving Charge Probabilities of Nanometer Aerosol Particles | 9,035,242 | 5/19/2015 | 7/15/2014 | Han | Active |
| TSI | Spark Emission Particle Detector | 9,140,653 | 9/22/2015 | 10/8/2011 | Buckley Lithgow | Active |
| TSI | Apparatus and Method for Improving Particle Count Accuracy in Low Pressure Applications | 9,222,859 | 12/29/2015 | 4/12/2012 | Caldow Kerrigan Johnson Scheckman | Active |
| TSI | SYSTEM AND METHOD FOR CONVERTING OPTICAL DIAMETERS OF AEROSOL PARTICLES TO MOBILITY AND AERODYNAMIC DIAMETERS | 9,335,244 | 05/10/2016 | 08/09/2011 | Han | Active |

| Name of Owner | Patent | Country | Patent No. | Issue Date |
|---------------|--------|---------|------------|------------|
|---------------|--------|---------|------------|------------|

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|-----------------|---|--------------------|----------|----------|
| MSP Corporation | Volumetric Flow Controller For Aerosol Classifier | US | 5006227 | 04/09/91 |
| MSP Corporation | High Output Monodisperse Aerosol Generator | US | 5160664 | 11/03/92 |
| MSP Corporation | Low Particle Loss Cascade Impactor | US | 5343767 | 09/06/94 |
| MSP Corporation | Air and Gas Cooling and Filtration Apparatus | US | 5453107 | 09/26/95 |
| MSP Corporation | Method and Apparatus for Depositing Particles on Surfaces | US | 5534309 | 07/09/96 |
| MSP Corporation | Diesel Particle Virtual Impactor Sampler | US | 5498271 | 04/12/96 |
| MSP Corporation | High Output PSL Aerosol Generator | US | 5609798 | 04/11/97 |
| MSP Corporation | Method and Apparatus for Controlled Particle Deposition on Surfaces | US | 5916640 | 06/29/99 |
| MSP Corporation | Method and Apparatus for Thin Film Deposition on Large Area Substrates | US | 6349668 | 02/26/02 |
| MSP Corporation | A Compact Electrostatic Precipitator for Droplet Aerosol Collection | US | 6221136 | 04/24/01 |
| MSP Corporation | | US | 6527821 | 04/04/03 |
| MSP Corporation | | US | 6364941 | 04/02/02 |
| MSP Corporation | | EP, IT, DE, FR, GB | 1131162 | 02/22/06 |
| MSP Corporation | Efficient High-Productivity Cascade Impactors | US | 6453758 | 09/24/02 |
| MSP Corporation | | GB | 2351155 | 07/02/03 |
| MSP Corporation | | DE | 10028599 | 02/22/06 |
| MSP Corporation | High Accuracy Aerosol Impactor and Monitor | US | 6431014 | 08/13/02 |
| MSP Corporation | Method and Apparatus for Vapor Generation and Film Deposition | US | 6409839 | 06/25/02 |
| MSP Corporation | Sampler for Eliminating Particle-Related Artifacts for Flue Gas Measurement | US | 6561045 | 05/13/03 |

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|-----------------|---|------------|---------|----------|
| MSP Corporation | | EP, FR, DE | 1277035 | 04/25/01 |
| MSP Corporation | Method and Apparatus for Impactor Sample Recovery for Chemical Analysis | US | 6723568 | 04/20/04 |
| MSP Corporation | | GB | 2371861 | 07/14/04 |
| MSP Corporation | Method and Apparatus for Deposition of Particles on Surfaces | US | 6607597 | 08/19/03 |
| MSP Corporation | | JP | 4139112 | 06/13/08 |
| MSP Corporation | Method and Apparatus for Verifying Integrity of Cascade Impactors | US | 6647758 | 11/18/03 |
| MSP Corporation | | GB | 2372719 | 08/18/04 |
| MSP Corporation | Pre-Separator for Inlets of Cascade Impactors | US | 6595368 | 07/22/03 |
| MSP Corporation | | GB | 2371001 | 01/14/04 |
| MSP Corporation | Impactor Nozzle Plate | US | 6543301 | 04/08/03 |
| MSP Corporation | | GB | 2371247 | 12/10/03 |
| MSP Corporation | Mixing Devices for Sample Recovery From a USP Induction Port on a Pre-Separator | US | 6520673 | 02/18/03 |
| MSP Corporation | | GB | 2369784 | 04/16/05 |
| MSP Corporation | Suspended Particle Container for an Atomizer | US | 6601777 | 08/05/03 |
| MSP Corporation | | JP | 4063543 | 01/11/08 |
| MSP Corporation | Scanning Deposition Head for Depositing Particles on a Wafer | US | 6746539 | 06/08/04 |
| MSP Corporation | Cascade Impactor with Individually Driven Impactor Plats | US | 7082811 | 08/01/06 |
| MSP Corporation | | EP, DE, FR | 1660863 | 01/06/10 |
| MSP Corporation | | JP | 4519842 | 05/28/10 |

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|-----------------|--|-------------------|------------|----------|
| MSP Corporation | Electrostatic Precipitator for Diesel Blow-By | US | 7267711 | 09/11/07 |
| MSP Corporation | Personal Mask Test System | US | 7325441 | 02/05/08 |
| MSP Corporation | Method and Apparatus for Generating Charged Particles for Deposition on a Surface | US | 7882799 | 02/08/11 |
| MSP Corporation | High Accuracy Vapor Generation and Delivery for Thin Film Deposition | EP, DE Validation | 1844178 | 03/09/16 |
| MSP Corporation | Aerosol Measurement by Dilution and Particle Counting | US | 7363828 | 04/29/08 |
| MSP Corporation | Method and Apparatus for Liquid Precursor Atomization | US | 8132793 | 03/13/12 |
| MSP Corporation | | US | 8393599 | 03/12/13 |
| MSP Corporation | | KR | 10-1502415 | 03/09/15 |
| MSP Corporation | Method for Liquid Precursor Atomization | US | 8529985 | 09/10/13 |
| MSP Corporation | Method and Apparatus for Controlled Particle Deposition Wafers | EP | 0766604 | 09/18/02 |
| MSP Corporation | | JP | 3947217 | 04/20/07 |
| MSP Corporation | | KR | 0359886 | 10/24/02 |
| MSP Corporation | | DE | P695282662 | 09/18/02 |
| MSP Corporation | Method and Apparatus for Automated Operation of Impactors | EP, DE, GB | 1379853 | 04/09/08 |
| MSP Corporation | High Stability and High Capacity Precursor Vapor Generation for Thin Film Deposition | US | 8603580 | 12/10/13 |
| MSP Corporation | Method and Apparatus for Particle Filtration and Enhancing Tool Performance in Film Deposition | US | 8297223 | 10/30/12 |
| MSP Corporation | | KR | 1510787 | 04/03/15 |

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|-----------------|---|----|------------|----------|
| MSP Corporation | Apparatus for Filtration and Gas-Vapor Mixing in Thin Film Deposition | KR | 10-1626839 | 05/27/15 |
| MSP Corporation | Apparatus for High-Accuracy Fiber Counting in Air | US | 7830510 | 11/09/10 |
| MSP Corporation | | JP | 5443787 | 12/27/13 |
| MSP Corporation | | GB | 2487690 | 10/30/13 |
| MSP Corporation | Method for Counting Particles in a Gas | US | 8465791 | 08/31/13 |
| MSP Corporation | | US | 8711338 | 04/26/14 |
| MSP Corporation | Apparatus for Counting Particles in a Gas | US | 8603247 | 12/10/13 |
| MSP Corporation | Method and Apparatus for Counting Particles in a Gas | GB | 2502746 | 03/12/14 |
| MSP Corporation | Method and Apparatus for Generating Vapor at High Rates | US | 8554064 | 10/08/13 |
| MSP Corporation | Fine Droplet Atomizer for Liquid Precursor Vaporization | US | 8511583 | 08/20/13 |
| MSP Corporation | | US | 8986784 | 03/24/15 |
| MSP Corporation | | KR | 10-1387634 | 04/15/14 |
| MSP Corporation | | JP | 5781546 | 07/24/15 |
| MSP Corporation | Electrical Ionizer for Aerosol Charge Conditioning and Measurement | JP | 5932229 | 05/13/16 |
| MSP Corporation | Liquid Flow Control for Film Deposition | US | 8783652 | 07/22/14 |
| MSP Corporation | | KR | 10-1432243 | 08/13/14 |
| MSP Corporation | | JP | 5725482 | 04/10/15 |
| MSP Corporation | Apparatus for Vapor Condensation and Recovery | US | 8728240 | 05/20/14 |
| MSP Corporation | | KR | 10-1387632 | 04/15/14 |

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|-----------------|--|----|---------|----------|
| MSP Corporation | Laser Diffraction Process and Apparatus for Width Measurement of Elongated Objects | US | 7072051 | 04/15/03 |
| MSP Corporation | System and Method for Generating Sprays and Using Electric Fields | US | 8421006 | 04/16/13 |
| MSP Corporation | Method and Apparatus for Vapor Generation and Wafer Cleaning | US | 8945281 | 02/03/15 |
| MSP Corporation | Method and Apparatus for Vapor and Gas Filtration | US | 9089800 | 07/28/15 |
| | Compact, high-efficiency condensation nucleus counter | US | 6829044 | 12/07/04 |
| | Method and apparatus for vapor generation and film deposition | US | 6805907 | 10/19/04 |
| | Wide-range particle counter | US | 6639671 | 10/28/03 |
| | Method and apparatus for surface inspection in a chamber | US | 5940175 | 08/17/99 |
| | Electrostatic precipitator with internal power supply | US | 6902604 | 06/07/05 |

2. Patent Applications:

TSI

| Status | Application Number | Application Date |
|---------|--------------------|------------------|
| Pending | 14/012,818 | 8/28/2013 |
| Pending | 12822091.0 | 8/8/2012 |
| Pending | 15/087,268 | 3/31/2016 |
| Pending | 13/879,841 | 4/17/2013 |
| Pending | 12833801.9 | 9/18/2012 |
| Pending | 14/345,478 | 3/18/2014 |
| Pending | 14/209,179 | 3/13/2014 |
| Pending | 14787377.2 | 10/15/2014 |
| Pending | PCT/US14/60611 | 10/15/2014 |
| Pending | 14/514,294 | 10/14/2014 |
| Pending | PCT/US15/36617 | 6/19/2015 |

| | | |
|---------|----------------|------------|
| Pending | 14/835,990 | 8/26/2015 |
| Pending | 201480054413.6 | 7/31/2014 |
| Pending | 14750939.2 | 7/31/2014 |
| Pending | PCT/US14/49062 | 7/31/2014 |
| Pending | 14/909,213 | 2/1/2016 |
| Pending | 14/837,650 | 8/27/2015 |
| Pending | PCT/US16/17930 | 2/15/2016 |
| Pending | 201520776902.4 | 9/30/2015 |
| Pending | 14/586,122 | 12/30/2014 |
| Pending | 15/154,224 | 5/13/2016 |
| Pending | 62/276,579 | 1/8/2016 |

DICKEY-john Corporation

| Status | Application Number | Application Date |
|---------|--------------------|------------------|
| Pending | 13733907.3 | 1/7/2013 |
| Pending | 15/095,618 | 4/11/2016 |
| Pending | 2013309064 | 8/27/2013 |
| Pending | BR1120150043569 | 8/27/2013 |
| Pending | 13832677.2 | 8/27/2013 |
| Pending | 14/424,131 | 2/26/2015 |
| Pending | 2015/02074 | 8/27/2013 |
| Pending | 14/265,957 | 4/30/2014 |
| Pending | 14192624.6 | 11/11/2014 |
| Pending | 13/827,677 | 3/14/2013 |
| Pending | PCT/US15/44800 | 8/12/2015 |

MSP Corporation

| Status | Application Number | Application Date |
|---------------------|--------------------|------------------|
| Pending – allowed | 14/031,661 | 9/19/2013 |
| Pending – on appeal | 12/902,871 | 10/12/2010 |
| Pending | 12/985,105 | 1/5/2011 |
| Pending | 14/107718 | |
| Pending | DE 12010004056 | |




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|---------|-----------------------|--|
| Pending | DE 112011100462.1 | |
| Pending | KR 10-2013-0012148 | |
| Pending | KR 10-2015-0150463 | |
| Pending | DE 10392592.9 | |
| Pending | DE 1120050025411 | |
| Pending | EPO 13158156.3 | |
| Pending | EPO 1316822.4 | |
| Pending | 103139353 | |
| Pending | 14/636890 | |
| Pending | 14599451 | |
| Pending | 14/709055 | |
| Pending | 15/135,132 | |
| Pending | 62/195,520 | |


3. Registered Trademarks:

TSI, Incorporated

| TRADEMARK | COUNTRY | APP/ REG # DATE | STATUS/ACTION DUE |
|---|----------------|-------------------------|---------------------------------------|
| ACCUBALANCE ACCUBALANCE | US | 1,796,909 10/05/1993 | REGISTERED: Renewal Due 10/05/2023 |
| ACCUBALANCE | US | 4,567,966 7/15/2014 | REGISTERED: 8&15 Due 7/20/2020 |
| ACCUBALANCE | EUROPEAN UNION | 12437711 04/30/2014 | REGISTERED: Renewal Due 12/17/2023 |
| AERODYNAMIC PARTICLE SIZER AERODYNAMIC PARTICLE SIZER | US | 1,698,818 07/07/1992 | REGISTERED: Renewal Due 07/07/2022 |
| AEROSOL INSTRUMENT MANAGER | US | 2,233,548 3/23/1999 | REGISTERED: Renewal Due 3/23/2019 |


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|------------|----------------|--------------------------------------|---|
| AEROTRAK | US | 3,668,528 8/18/2009 | REGISTERED: Renewal Due 8/18/2019 |
| AIRGUARD | US | 1,717,733 9/22/1992 | REGISTERED: Renewal Due 9/22/2022 |
| AIRPRO | US | Application Serial No. 87/094,109 | Filed as Intent to Use: July 6, 2016 |
| ALNOR | AUSTRALIA | 246851 3/17/1991 | REGISTERED: Renewal Due 3/17/2025 |
| ALNOR | CANADA | 8275 1/14/1937 | REGISTERED: Renewal Due 1/14/2027 |
| ALNOR | INDIA | 1364069 06/15/20015 | REGISTERED: Renewal Due 6/15/2025 |
| ALNOR | JAPAN | 1095713 11/11/1974 | REGISTERED: Renewal Due 11/11/2024 |
| ALNOR | US | 832,183 7/18/1967 | REGISTERED: Renewal Due 7/18/2027 |
| ASSURX | US | 4,155,232 06/05/2012 | |
| BALOMETER | US | 1,273,405 4/10/1984 | REGISTERED: Renewal Due 4/10/2024 |
| BALOMETER | EUROPEAN UNION | 9623381 5/27/2011 | REGISTERED: Renewal Due 12/24/2020 |
| BIOTRAK | US | 4,255,269 12/4/2012 | REGISTERED: Renewal Due 12/4/2022 |
| BIOTRAK | EUROPEAN UNION | 10667079 4/19/2012 | REGISTERED: Renewal Due 2/22/2022 |
| CHEM LOGIX | US | 4,775,366 7/21/2015 | REGISTERED: 8&15 Due 7/21/2021 |
| CHEMREVEAL | US | 4,552,804 6/17/2014 | REGISTERED: 8&15 Due 6/17/2020 |
| COMPUFLOW | US | 1,363,060 10/1/1985 | Allow to Lapse |
| EXRARAMAN | US | 4,028,769 09/20/2011 | REGISTERED: Renewal Due |
| GASRAMAN | US | 4,440,593 11/26/2013 | REGISTERED: Renewal Due |
| LIQUITRAK | GERMANY | 2,037,654 6/4/1993 | REGISTERED: Renewal Due 12/16/2021 |

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|---|----------------|-------------------------|--|
| LIQUITRAK | US | 1,692,726 6/9/1992 | REGISTERED: Renewal Due 6/9/2022 |
| POLYMAX | US | 86/585,585 | REGISTERED: 8/15/ Due 11/10/2020 |
| PORTACOUNT AND DESIGN  | US | 1,565,713 11/14/1989 | REGISTERED: Renewal Due 11/14/2019 |
| P-TRAK | US | 2,429,508 2/20/2001 | REGISTERED: Renewal Due 2/20/2021 |
| RAMANREADER | US | 4,127,932 04/17/2012 | REGISTERED: Renewal Due |
| TSI | FRANCE | 1419425 7/25/1977 | REGISTERED: Renewal Due 7/25/2017 |
| TSI | GERMANY | 1,161,241 7/20/1990 | REGISTERED: Renewal Due 7/27/2017 |
| TSI | EUROPEAN UNION | 8532558 3/1/2010 | REGISTERED: Renewal Due 9/7/2019 |
| TSI & LOGO (DIAMOND)  | US | 3,651,680 7/07/2009 | REGISTERED: Renewal Due 7/7/2019 |
| TSI & LOGO (DIAMOND) | INTERNATIONAL | 943,735 8/22/2007 | REGISTERED: Renewal Due 8/22/2027 |
| TSI & LOGO (DIAMOND) | CHINA | 7207174 11/20/2013 | REGISTERED: Renewal Due 11/20/2023 |
| TSI & LOGO (DIAMOND) | SINGAPORE | T09/01608G 1/03/2012 | REGISTERED: Renewal Due 2/17/2019 |
| TSI & LOGO (DIAMOND) | CANADA | TMA841,542 1/29/2013 | REGISTERED: Renewal Due 1/29/2028 |
| TSI AIRFLOW & DESIGN TSI AIRFLOW | US | 3,968,345 5/31/2011 | REGISTERED: Renewal Due 5/31/2021 |
| TSI AND DESIGN  | US | 1,408,297 9/9/1986 | REGISTERED: Renewal Due 9/09/2016 ALLOW TO LAPSE? |
| TSI AND DESIGN | CANADA | 476120 5/12/1997 | REGISTERED: Renewal Due 5/12/2027 ALLOW TO LAPSE? |

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| TSI AND DESIGN | CHINA | 1313879 9/14/1999 | REGISTERED: Renewal Due 9/14/2019 ALLOW TO LAPSE? |
| TSI AND DESIGN | EUROPEAN UNION | 313999 10/19/1998 | Allow to Lapse |
| TSI AND DESIGN | FRANCE | 1420892 7/31/1987 | REGISTERED: Renewal Due 7/31/2017 ALLOW TO LAPSE? |
| TSI AND DESIGN | GREAT BRITAIN | 1280220 9/24/1986 | REGISTERED: Renewal Due 9/24/2017 ALLOW TO LAPSE? |
| TSI AND DESIGN | INDIA | 1364070 6/15/2005 | Allow to Lapse |
| TSI AND LOGO DESIGN (MN STATE) | MN State | 27,781 9/8/1998 | REGISTERED: Renewal Due 9/8/2018 ALLOW TO LAPSE? |
| VELOCICALC  | US | 1,530,707 03/21/1989 | REGISTERED: Renewal Due 3/21/2019 |
| VELOCICHECK (2 nd) | US | 4,099,680 5/7/2010 | REGISTERED: Renewal Due 2/4/2018 |
| VELOMETER | US | 1,232,587 3/29/1983 | REGISTERED: Renewal Due 3/29/2023 |
| VELOMETER JR. | US | 1,035,246 3/9/1976 | Allow to Lapse |

DICKEY-john Corporation

| TRADEMARK | COUNTRY | REG NO/ DATE | STATUS/ ACTION DUE |
|---------------|---------|------------------------|---------------------------------------|
| CONTROL POINT | US | 2,183,560 8/25/1998 | REGISTERED: Renewal Due: 8/25/2018 |
| CONTROL POINT | CANADA | TMA506921 1/21/1999 | REGISTERED: Renewal Due 1/21/2029 |
| DESIGN | MEXICO | 206834 10/1/1977 | REGISTERED: Renewal Due 1/12/2022 |

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|---|----------------|------------------------|---------------------------------------|
| DESIGN HEXAGON  | US | 2,231,209 3/9/1999 | REGISTERED: Renewal Due 3/9/2019 |
| DESIGN HEXAGON | ARGENTINA | 1708080 12/4/1998 | REGISTERED: Renewal Due 12/4/2018 |
| DESIGN HEXAGON | AUSTRALIA | A745539 10/31/1997 | REGISTERED: Renewal Due 10/31/2017 |
| DESIGN HEXAGON | CANADA | TMA511428 5/3/1999 | REGISTERED: Renewal Due 5/3/2029 |
| DESIGN HEXAGON | CHINA | 1356218 1/21/2000 | REGISTERED: Renewal Due 1/21/2020 |
| DESIGN HEXAGON | EUROPEAN UNION | 646836 11/18/1999 | REGISTERED: Renewal Due 9/29/2017 |
| DESIGN HEXAGON | HUNGARY | 152487 6/22/1998 | REGISTERED: Renewal Due 10/8/2017 |
| DESIGN HEXAGON | MEXICO | 635097 12/1/1999 | REGISTERED: Renewal Due 10/21/2017 |
| DESIGN HEXAGON | NEW ZEALAND | 283223 9/15/1998 | REGISTERED: Renewal Due 4/8/2017 |
| DESIGN HEXAGON | RUSSIA | 173069 3/17/1999 | REGISTERED: Renewal Due 10/8/2017 |
| DESIGN HEXAGON | SOUTH AFRICA | 97/15293 10/9/1997 | REGISTERED: Renewal Due 10/9/2017 |
| DESIGN HEXAGON | UKRAINE | 20296 8/15/2001 | REGISTERED: Renewal Due 10/15/2017 |
| DICKEY-JOHN (Electronic equipment for agriculture...) | US | 1,029,978 1/13/1976 | REGISTERED: Renewal Due 1/13/2026 |
| DICKEY-JOHN (Monitors for air operated seed planters...) | US | 1038741 5/4/1976 | REGISTERED: Renewal Due 5/4/2026 |
| DICKEY-JOHN | AUSTRALIA | B291851 9/18/1978 | REGISTERED: Renewal Due 11/5/2026 |
| DICKEY-JOHN | BENELUX | 336601 3/2/1976 | REGISTERED: Renewal Due 5/12/2026 |
| DICKEY-JOHN | BRAZIL | 6463460 9/25/1976 | REGISTERED: Renewal Due 9/25/2026 |
| DICKEY-JOHN | CANADA | 224099 11/10/1977 | REGISTERED: Renewal Due 11/10/2022 |
| DICKEY-JOHN | CANADA | 186674 11/17/1972 | REGISTERED: Renewal Due 11/17/2017 |
| DICKEY-JOHN | INDIA | 1513521 12/15/2006 | REGISTERED: Renewal Due 12/15/2016 |
| DICKEY-JOHN | INTERNATIONAL | 908913 12/5/2006 | REGISTERED: Renewal Due 12/5/2026 |
| DICKEY-JOHN | JAPAN | 2451602 9/30/1992 | REGISTERED: Renewal Due 9/30/2022 |
| DICKEY-JOHN | KAZAKHSTAN | 26031 8/11/2008 | REGISTERED: Renewal Due 12/21/2016 |

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|---|----------------|----------------------------------|---------------------------------------|
| DICKEY-JOHN | NEW ZEALAND | B113682 11/3/1975 | REGISTERED: Renewal Due 11/3/2020 |
| DICKEY-JOHN | NORWAY | 908913 12/5/2006 | REGISTERED: Renewal Due 12/5/2016 |
| DICKEY-JOHN | RUSSIA | 908913 12/5/2006 | REGISTERED: Renewal Due 12/5/2016 |
| DICKEY-JOHN | SOUTH AFRICA | B76/3844 11/11/1977 | REGISTERED: Renewal Due 7/27/2026 |
| DICKEY-JOHN | SWITZERLAND | 908913 12/5/2006 | REGISTERED: Renewal Due 12/5/2016 |
| DICKEY-JOHN | TURKEY | 908913 12/5/2006 | REGISTERED: Renewal Due 12/5/2016 |
| DICKEY-JOHN | UKRAINE | 908913 12/5/2006 | REGISTERED: Renewal Due 12/5/2016 |
| DICKEY-JOHN & Hexagon Design | TURKEY | 2005/43975 10/12/2005 | REGISTERED: Renewal Due 10/12/2025 |
| DICKEY-JOHN stylized | US | 923,503 11/9/1971 | REGISTERED: Renewal Due 11/9/2021 |
| DICKEY-JOHN stylized | ARGENTINA | 1703545 10/20/1978 | REGISTERED: Renewal Due 9/30/2019 |
| DICKEY-JOHN stylized | MEXICO | 195630 6/7/1976 | Cancelled |
| GAC | US | 2877556 8/24/2004 | REGISTERED: Renewal Due 8/24/2024 |
| GAC | ARGENTINA | 2045052 9/30/2005 | REGISTERED: Renewal Due 9/30/2025 |
| GAC | AUSTRALIA | 984987 5/26/2004 | REGISTERED: Renewal Due 1/15/2024 |
| GAC | BRAZIL | 826231535 12/11/2007 | REGISTERED: Renewal Due 12/11/2017 |
| GAC | CANADA | 640547: 5/26/2005 | REGISTERED: Renewal Due 5/26/2020 |
| GAC | CHINA | 6608035 5/7/2010 | REGISTERED: Renewal Due 5/7/2020 |
| GAC | EUROPEAN UNION | 3618436 6/23/2005 | REGISTERED: Renewal Due 1/15/2024 |

| TRADEMARK | COUNTRY | REG NO/ DATE | STATUS/ ACTION DUE |
|-----------|---------------|-----------------------|---------------------------------------|
| GAC | INDIA | 1513520 12/15/2006 | REGISTERED: Renewal Due 12/14/2016 |
| GAC | INTERNATIONAL | 907191 12/5/2006 | REGISTERED: Renewal Due 12/5/2016 |
| GAC | KAZAKHSTAN | 26033 8/11/2008 | REGISTERED: Renewal Due 12/21/2016 |

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|-----------|----------------|-------------------------|---------------------------------------|
| GAC | MEXICO | 907191 12/5/2006 | REGISTERED: Renewal Due 12/5/2016 |
| GAC | NORWAY | 907191 12/5/2006 | REGISTERED: Renewal Due 12/5/2016 |
| GAC | RUSSIA | 907191 12/5/2006 | REGISTERED: Renewal Due 12/5/2016 |
| GAC | SOUTH AFRICA | 2006/30014 12/8/2006 | REGISTERED: Renewal Due 12/8/2016 |
| GAC | SWITZERLAND | 907191 12/5/2006 | REGISTERED: Renewal Due 12/5/2016 |
| GAC | TURKEY | 907191 12/5/2006 | REGISTERED: Renewal Due 12/5/2016 |
| GAC | UKRAINE | 907191 12/5/2006 | REGISTERED: Renewal Due 12/5/2016 |
| GAC III | US | 1284152 7/3/1984 | REGISTERED: Renewal Due 7/3/2024 |
| GAC III | JAPAN | 2131431 4/28/1989 | REGISTERED: Renewal Due 4/28/2019 |
| INSTALAB | US | 1,385,852 3/11/1986 | REGISTERED: Renewal Due 3/11/2026 |
| INSTALAB | AUSTRALIA | 907195 12/5/2006 | REGISTERED: Renewal Due 12/5/2016 |
| INSTALAB | EUROPEAN UNION | 907195 12/5/2006 | REGISTERED: Renewal Due 12/5/2016 |
| INSTALAB | INDIA | 1513520 12/14/2006 | REGISTERED: Renewal Due 12/14/2016 |
| INSTALAB | INTERNATIONAL | 907195 12/5/2006 | REGISTERED: Renewal Due 12/5/2016 |
| INSTALAB | JAPAN | 2168442 9/29/1989 | REGISTERED: Renewal Due 9/29/2019 |
| INSTALAB | KAZAKHSTAN | 26032 8/11/2008 | REGISTERED: Renewal Due 12/21/2016 |
| INSTALAB | NEW ZEALAND | 760307 6/7/2007 | REGISTERED: Renewal Due 6/7/2017 |
| INSTALAB | NORWAY | 907195 12/5/2006 | REGISTERED: Renewal Due 12/5/2016 |
| INSTALAB | RUSSIA | 907195 12/5/2006 | REGISTERED: Renewal Due 12/5/2016 |
| INSTALAB | SOUTH AFRICA | 2006/30013 12/8/2006 | REGISTERED: Renewal Due 12/8/2016 |
| INSTALAB | SWITZERLAND | 907195 12/5/2006 | REGISTERED: Renewal Due 12/5/2016 |
| INSTALAB | TURKEY | 907195 12/5/2006 | REGISTERED: Renewal Due 12/5/2016 |
| INSTALAB | UKRAINE | 907195 12/5/2006 | REGISTERED: Renewal Due 12/5/2016 |
| | | REG NO/ DATE | STATUS/ ACTION |
| INTELLIAG | US | 3,476,260 7/29/2008 | REGISTERED: Renewal Due 7/29/2018 |
| INTELLIAG | ARGENTINA | 2280583 4/7/2009 | REGISTERED: Renewal Due 4/7/2019 |
| INTELLIAG | AUSTRALIA | 958919 3/8/2008 | REGISTERED: Renewal Due 3/8/2018 |

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| INTELLIAG | BRAZIL | 829,917,110 11/2/2010 | REGISTERED: Renewal Due 11/9/2020 |
| INTELLIAG | COLUMBIA | 367,447 11/28/2008 | REGISTERED: Renewal Due 11/28/2018 |
| INTELLIAG | EQUADOR | 566-09 11/25/2008 | REGISTERED: Renewal Due 11/25/2018 |
| INTELLIAG | EUROPEAN UNION | 958919 3/7/2008 | REGISTERED: Renewal Due 3/7/2018 |
| INTELLIAG | INTERNATION AL | 958919 3/7/2008 | REGISTERED: Renewal Due 3/7/2018 |
| INTELLIAG | JAPAN | 958919 3/10/2008 | REGISTERED: Renewal Due 3/10/2018 |
| INTELLIAG | KAZAKHSTAN | 29616 8/14/2009 | REGISTERED: Renewal Due 4/2/2018 |
| INTELLIAG | NEW ZEALAND | 786853 12/21/2007 | REGISTERED: Renewal Due 10/2/2017 |
| INTELLIAG | NORWAY | 958919 3/12/2008 | REGISTERED: Renewal Due 3/12/2018 |
| INTELLIAG | PARAGUAY | 333027 5/31/2010 | REGISTERED: Renewal Due 5/31/2020 |
| INTELLIAG | RUSSIA | 958919 3/13/2008 | REGISTERED: Renewal Due 3/13/2018 |
| INTELLIAG | SOUTH AFRICA | 2008/07312 4/2/2008 | REGISTERED: Renewal Due 4/2/2018 |
| INTELLIAG | SWITZERLAND | 958919 3/14/2008 | REGISTERED: Renewal Due 3/14/2018 |
| INTELLIAG | UKRAINE | 958919 3/11/2008 | REGISTERED: Renewal Due 3/11/2018 |
| INTELLIAG | Uruguay | 390.53 11/3/2009 | REGISTERED: Renewal Due 11/3/2019 |
| INTELLIAG | UZBEKISTAN | 958919 3/15/2008 | REGISTERED: Renewal Due 3/13/2018 |
| INTELLIAG | VENZUELA | 310017 9/3/2009 | REGISTERED: Renewal Due 9/3/2024 |
| ISPEED | US | 3,058,269 2/7/2006 | REGISTERED: Renewal Due 2/7/2026 |
| LAND MANAGER | US | 2,118,373 12/2/1977 | REGISTERED: Renewal Due 12/2/2017 |
| LAND MANAGER | EUROPEAN UNION | 726737 6/8/1999 | REGISTERED: Renewal Due 1/19/2018 |
| M-20P | US | 3,010,663 11/1/2005 | REGISTERED: Renewal Due 11/1/2025 |
| M-20P | ARGENTINA | 205644 12/7/2005 | REGISTERED: Renewal Due 12/7/2025 |
| M-20P | BRAZIL | 826479073 5/10/2004 | REGISTERED: Renewal Due 3/3/2018 |
| | | REG NO/ DATE | STATUS/ ACTION |
| M-20P | CANADA | 632346 2/9/2005 | REGISTERED: Renewal Due 2/9/2020 |
| M-20P | CHINA | 408938 1/28/2009 | REGISTERED: Renewal Due 1/28/2019 |
| M-3G | US | 3,010,662 11/1/2005 | REGISTERED: Renewal Pending |

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|--------------|-------------------|--------------------------|---------------------------------------|
| M-3G | ARGENTINA | 205643 12/7/2005 | REGISTERED: Renewal Due 12/7/2025 |
| M-3G | CANADA | 632828 2/9/2005 | REGISTERED: Renewal Due 2/9/2020 |
| M-3G | CHINA | 4083957 1/28/2009 | REGISTERED: Renewal Due 1/28/2019 |
| MODEL 919 | US | 1,150,254 4/7/1981 | REGISTERED: Renewal Due 4/7/2021 |
| MOTOMCO | CANADA | TMA359890 9/1/1989 | REGISTERED: Renewal Due 9/1/2019 |
| MOTOMCO | US | 1,132,135 4/1/1980 | REGISTERED: Renewal Due 4/1/2020 |
| PCS | EUROPEAN UNION | 715086 5/5/2000 | REGISTERED: Renewal Due 1/5/2018 |
| SEED CHECK | EUROPEAN UNION | 1164722 5/11/2004 | REGISTERED: Renewal Due 5/6/2019 |
| SEED MANAGER | US | 2,219,689 1/19/1999 | REGISTERED: Renewal Due 1/19/2019 |
| SEED MANAGER | ARGENTINA | 1708344 12/4/1998 | REGISTERED: Renewal Due 12/4/2018 |
| SEED MANAGER | AUSTRALIA | 745551 10/1/1997 | REGISTERED: Renewal Due 10/1/2017 |
| SEED MANAGER | BRAZIL | 820428671 11/22/2011 | REGISTERED: Renewal Due 11/22/2021 |
| SEED MANAGER | EUROPEAN UNION | 646885 8/2/2000 | REGISTERED: Renewal Due 9/29/2017 |
| SEED MANAGER | MEXICO | 572923 3/26/1998 | REGISTERED: Renewal Due 10/10/2017 |
| SEED SMART | US | 2,231,208 3/9/1999 | REGISTERED: Renewal Due 3/9/2019 |
| SEED SMART | AUSTRALIA | 741692 8/31/1998 | REGISTERED: Renewal Due 8/19/2017 |
| SEED SMART | BRAZIL | 820250376 11/9/1999 | REGISTERED: Renewal Due 11/9/2019 |
| SEED SMART | EUROPEAN UNION | 614305 5/5/2000 | REGISTERED: Renewal Due 8/18/2017 |
| SEED SMART | MEXICO | 579200 6/26/1998 | REGISTERED: Renewal Due 8/27/2017 |
| TRI-GRAIN | US | 1,625,816 12/4/1990 | REGISTERED: Renewal Due 12/4/2020 |
| VIGILENSE | US | 3,674,257 8/25/2009 | REGISTERED: Renewal Due 8/25/2019 |
| VIGILENSE | BRAZIL | 830070249 12/14/2010 | REGISTERED: Renewal Due 12/14/2020 |
| VIGILENSE | CANADA | TMA755,917 12/22/2009 | REGISTERED: Renewal Due 12/22/2024 |

| TRADEMARK | COUNTRY | REG NO/ DATE | STATUS/ ACTION DUE |
|-----------|---------------|----------------------|--------------------------------------|
| VIGILENSE | INTERNATIONAL | 980 203 9/22/2008 | REGISTERED: Renewal Due 9/22/2018 |

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| VIGILENSE | NEW ZEALAND | 796566 9/24/2008 | REGISTERED: Renewal Due 9/24/2018 |
| VIGILENSE | SOUTH AFRICA | 2008/22580 9/25/2008 | REGISTERED: Renewal Due 9/25/2018 |
| VIGILENSE | Uruguay | 396353 2/2/2011 | REGISTERED: Renewal Due 2/2/2021 |

Environmental Systems Corporation

| Trademarks | | | | |
|------------|----------------------|------------|-----------|------------|
| CTY | TRADEMARK | APP NO | REG NO | STATUS |
| US | STACKVISION | 78/349,209 | 3,163,436 | REGISTERED |
| US | CEMSCAPE | 78/784,579 | 3,320,903 | REGISTERED |
| US | eKNOW | 77/233,506 | 3,521,884 | REGISTERED |
| US | SAFE PASSAGE PROGRAM | 77/442,398 | 3,533,779 | REGISTERED |
| US | ESC FLEETVISION | 77/111,660 | 3,524,847 | REGISTERED |
| US | CIMVISION | 77/896,434 | 3,929,803 | REGISTERED |
| US | ESC REMOTE HOSTING | 77/896,438 | 3,929,804 | REGISTERED |
| US | ESC & DESIGN (41) | 78/925,633 | 3,258,279 | REGISTERED |
| US | ESC & DESIGN (9) | 78/925,625 | 3,258,278 | REGISTERED |
| US | ESC & DESIGN (42) | 78/925,642 | 3,258,280 | REGISTERED |

MSP Corporation

| Name of Owner | Mark | Country | Registration/File No. | Registration Date |
|-----------------|------------------------------|---------|-----------------------|-------------------|
| MSP Corporation | Logo Sphere with letters MSP | US | 3192196 | 01/02/07 |
| | | JP | 911595 | |

4. Registered Trade Names:

None.

5. Registered Copyrights:

None.