

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM722878

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	Guarantor Joinder and Assumption Agreement		
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
Monitoring Solutions, Incorporated		04/15/2022	Corporation: INDIANA
Control Analytics, Inc.		04/15/2022	Corporation: PENNSYLVANIA
RECEIVING PARTY DATA			
Name:	PNC Bank, National Association		
Street Address:	500 First Avenue		
City:	Pittsburgh		
State/Country:	PENNSYLVANIA		
Postal Code:	15219		
Entity Type:	National Banking Association: UNITED STATES		
PROPERTY NUMBERS Total: 4			
Property Type	Number	Word Mark	
Serial Number:	90858091	CEMDAS	
Serial Number:	90858121	CEMEX	
Serial Number:	90858046	CEMCON	
Serial Number:	97180528	CEMFLOW	
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:	4125621637		
Email:	vicki.cremonese@bipc.com		
Correspondent Name:	Michael L. Dever		
Address Line 1:	Suite 200		
Address Line 2:	501 Grant Street		
Address Line 4:	Pittsburgh, PENNSYLVANIA 15219		
ATTORNEY DOCKET NUMBER:	011046-302108		
NAME OF SUBMITTER:	Michael L. Dever		
SIGNATURE:	/Michael L. Dever/		
DATE SIGNED:	04/21/2022		

CH \$115.00 90858091

Total Attachments: 30

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GUARANTOR JOINDER AND ASSUMPTION AGREEMENT

THIS GUARANTOR JOINDER AND ASSUMPTION AGREEMENT is made as of April 15, 2022, by MONITORING SOLUTIONS, INCORPORATED an Indiana corporation and CONTROL ANALYTICS, INC., a Pennsylvania corporation (collectively, "**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 Amended and Restated Continuing Agreement of Guaranty and Suretyship dated as of October 6, 2016 (as the same may be modified, supplemented, or amended, the "**Guaranty**") of the Guarantors issued to the Lenders and the Administrative Agent, (iii) the Amended and Restated 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 Amended and Restated Pledge Agreement dated as of October 6, 2016 (as the same may be modified, supplemented, or amended, the "**Pledge Agreement**") among the Pledgors (as defined therein) and the Administrative Agent, (v) the Amended and Restated 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 8.1.9 [Pledges, Guaranties, and Security Agreements of Subsidiaries] pursuant to 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 checked="" type="checkbox"/>	<input type="checkbox"/>
Schedule 6.1.11 – Registered Patents, Trademarks and Copyrights	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Opinion of Counsel (Schedule 7.1.1)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
IP Security Agreement Schedules	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Security Agreement Schedules	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Pledge Agreement Schedules	<input checked="" 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 checked="" 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.

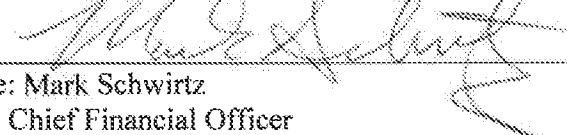
This Guarantor Joinder and Assumption Agreement may be executed in any number of counterparts, and by different parties hereto in separate counterparts, each of which, when so executed, shall be deemed an original, but all such counterparts shall constitute one and the same instrument. New Guarantor 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.

MONITORING SOLUTIONS, INCORPORATED

By: 
Name: Mark Schwartz
Title: Chief Financial Officer

CONTROL ANALYTICS, INC

By: 
Name: Mark Schwartz
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.

MONITORING SOLUTIONS, INCORPORATED

By: _____
Name: Mark Schwartz
Title: Chief Financial Officer

CONTROL ANALYTICS, INC.

By: _____
Name: Mark Schwartz
Title: Chief Financial Officer

Acknowledged and accepted:

PNC BANK, NATIONAL ASSOCIATION,
as Administrative Agent

By:  _____
Name: Ana Gaytan
Title: Assistant Vice President

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

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

(as of April 15, 2022)

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	Airflow Measurement Device	US6244144B1	6/12/2001	9/30/1998	Kowal Blond	Active
TSI	Evaporative Electrical Detector	US6568245B2	5/27/2003	3/13/2002	Kaufman	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	Mirne	Active
TSI	Circumferential Slot Virtual Impactor for Concentrating Aerosols	US7261007B2	8/28/2007	11/22/2004	Haglund McFarland	Active
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
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 Aparatus for Continuously Determining the Inclination and Draft fo a Waterborne Floating Vessel	US5,547,327	8/20/1996	9/1/1995	Bachalo, Isakovic	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
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
TSI	Methods and Apparatus for detecting airborne molecular contaminants	10,006,871	06/26/2018	09/21/2011	Kaufman	Active
TSI	System and Apparatus for using a wireless smart device to perform field calculations	9,933,401	04/03/2018	10/19/2011	Poecher, Bark, Menon	Active
TSI	Electrospray with soft X-ray neutralizer	9,925,547	03/27/2018	07/26/2015	Scheckman, Quant	Hase
TSI	Seed Sensor with Lightpipt photodetect Assembly	9,913,425	03/13/2018	05/06/2015	Steffen, Qi, Miller	Active
TSI	System and method for converting optical diameters of aerosol particles to mobility and aerodynamic diameters	9,891,154	2/13/18	03/31/2016	Han	Active
TSI	Apparatus and system for simultaneously measuring particle concentration and biocontaminants in an aerosol particle flow	9,880,097	01/30/2018	03/18/2014	Evenstad, Qi, Hairston, Niccum	Active
TSI	Electromagnetic seed sensor assembly for seed tube planting applications	9,863,894	01/09/2018	01/30/2017	Hagi, Wiwel, Oberg	Active
TSI	Method and system for significantly improving charge probabilities of nanometer aerosol particles	9,863,862	01/09/2018	03/13/2014	Han	Active

TSI	System and method of conducting particle monitoring using low cost particle sensors	9,726,579	08/8/2017	12/30/2014	Han, Farnsworth, Caldwell	Active
TSI/Aerosol Dynamics	System and method for the concentrated collection of airborne particles	9,658,139	05/23/2017	07/28/2013	Hering, Lewis, Eiguren, Quant, Farmer,	Active
TSI	Electromagnetic seed sensor assembly for seed tube planting applications	9,557,278	01/31/2017	03/14/2013	Itagi, Wiwel, Oberg	Active
TSI	High speed spectroscopic sensor assembly and system	9,557,216	01/31/2017	02/05/2015	Buckley, Farmer, Niccum	Active
TSI	Handheld laser induced breakdown spectroscopy device	9,506,869	11/29/2016	10/14/2014	Quant, Farmer, Tan, Stipe, Buckley, Stockinger, Jensen	Active
TSI	Electrospray with soft X-ray neutralizer	US 9,925,547	03/27/2018	08/26/2015	Scheckman, Quant, Hase	Active
TSI	System and method of conducting particle monitoring using low cost particle sensors	US 10,041,862	08/07/2018	07/27/2017	Han, Farnsworth, Caldwell	Active
TSI	Rapid material analysis using LIBS spectroscopy	US 10,088,425	10/02/2018	06/19/2015	Buckley, Niccum	Active
TSI/D-j	Microwave moisture meter and sensor Microwave moisture meter and sensor	US 10,094,789	10/09/2018	08/12/2015	Itagi, Amit Vasant	Active
TSI		KR 101972921B1	04/22/2019	03/31/2017		Active
TSI		JP6522864B1	05/10/2019	03/31/2017		Active
TSI	Rapid material analysis using libs spectroscopy	EP 3,158,324	08/28/2019	06/19/2015	Buckley, Niccum, Comtois	Active
TSI	SCHNELLE MATERIALANALYSE MITTELS LIBS-SPEKTROSKOPIE	DE 602015036707T2	08/28/2019	06/19/2015	Buckley, Niccum, Comtois	Active
TSI/D-j	Seed sensor with lightpipe photodetect assembly	US 10,412,880	09/17/2019	03/12/2018	Steffen, Qi, Miller	Active

TSI	Condensation particle counter false count performance	US 10,520,414	12/31/2019	02/23/2016	Avula, Remiarz, Chancellor, Anderson, Bjorkquist, Caldwell	Active
TSI	SYSTEM UND VERFAHREN ZUR UMWANDLUNG OPTISCHER DURCHMESSER VON AEROSOLPARTIKELN IN MOBILITÄTS- UND AERODYNAMISCHE DURCHMESSER	DE 602012067761T2	02/12/2020	08/08/2012	Hee-Siew, Han	Active
TSI	System and method for converting optical diameters of aerosol particles to mobility and aerodynamic diameters	EP 2,741,843	02/12/2020	08/08/2012	Hee-Siew, Han	Active
TSI	Reducing false counts in condensation particle counters	US 10,578,539	03/03/2020	03/31/2017	Remiarz, Farmer	Active
TDSI	Microwave moisture meter and sensor	US 10,613,039	04/07/2020	10/08/2018	Itagi	Active
TSI	Passive aerosol diluter mechanism	US 10,732,082	08/04/2020	09/14/2017	Johnson, Anderson, Kolb, Avenido, Plautz, Isvik	Active
D-j	Calibration-free continuous bin level sensor	US 10,746,584	08/18/2020	11/01/2017	Mears	Active
TSI	Sistema y método para convertir diámetros ópticos de partículas de aerosol en diámetros de movilidad y aerodinámicos	ES 2,790,664	10/28/2020	08/08/2012	Hee-Siew, Han	Active
TSI	System and apparatus for using a wireless smart device to perform field calculations	US 10,866,224	12/15/2020	03/22/2018	Poecher, Bark, Menon	Active
TSI		JP 6812489B2	12/18/2020	04/24/2019		Active
TSI	Condensation particle counter false count performance	US 10,914,667	02/09/2021	10/25/2019	Avula, Remiarz, Chancellor, Anderson, Bjorkquist, Caldwell	Active
TSI	Handheld laser induced breakdown spectroscopy device	EP 3,058,351	02/24/2021	10/15/2014	Quant, Farmer, Tan, Stipe, Buckley, Stockinger, Jensen	Active
TSI	TRAGBARE LASERINDUZIERTE BREAKDOWN-SPEKTROSKOPIEVORRICHTUNG	DE 602014075155T2	02/24/2021	10/15/2014	Quant, Farmer, Tan, Stipe, Buckley, Stockinger, Jensen	Active

TSI	Air and gas flow velocity and temperature sensor probe	US 10,948,364	03/16/2021	02/15/2016	Quant, Agarwal, Iyer	Active
TSI	Composite wicks for low noise particle counting	SG11201903900YB	03/30/2021	10/30/2017	Caldow, Morell, Farmer, Avula	Active
D-j	Calibration-free continuous bin level sensor	US 11,022,473	06/01/2021	08/17/2020	Mears	Active
TSI		KR102264805B1	06/08/2021	02/23/2016		Active
TSI	Reducing false counts in condensation particle counters	US 11,085,866	08/10/2021	01/09/2019	Remiarz, Farmer	Active
TSI	System and method of conducting particle monitoring using low cost particle sensors	US 11,105,715	08/31/2021	07/23/2018	Han, Farnsworth, Caldow	Active
TSI	LUFT- UND GASSTRÖMUNGSGESCHWINDIGKEITS- UND -TEMPERATURMESSSONDE	DE 602016064274T2	09/29/2021	02/15/2016	Quant, Agarwal, Iyer	Active
TSI	Air and gas flow velocity and temperature sensor probe	EP 3,259,568	09/29/2021	02/15/2016	Quant, Agarwal, Iyer	Active

Name of Owner	Patent	Country	Patent No.	Issue Date
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

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

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

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

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
MSP Corporation	Compact, high-efficiency condensation nucleus counter	US	6829044	12/07/04
MSP Corporation	Method and apparatus for vapor generation and film deposition	US	6805907	10/19/04
MSP Corporation	Wide-range particle counter	US	6639671	10/28/03
MSP Corporation	Method and apparatus for surface inspection in a chamber	US	5940175	08/17/99
MSP Corporation	Electrostatic precipitator with internal power supply	US	6902604	06/07/05
MSP Corporation	Method and apparatus for vapor and gas filtration	KR	101946495B1	01/31/19
MSP Corporation	Apparatus and method for vapor generation and film deposition	US	10287679B2	05/14/19
MSP Corporation	Apparatus for real-time size-distributed measurement of aerosol mass concentration	US	11085861B1	08/10/21

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
Pending	2.0168E+11	23-Feb-16
Pending	2017-562961	23-Feb-16
Pending	10-2017-7026788	23-Feb-16
Pending	62/119,558	23-Feb-15
Pending	15/552,396	21-Aug-17
Pending	PCT/US2016/019083	23-Feb-16
Pending	62/317,102	1-Apr-16
Pending	PCT/US2017/025403	31-Mar-17
Pending	62/415,333	31-Oct-16
Pending	PCT/US2017/059016	30-Oct-17
Pending	62/394,723	14-Sep-16
Pending	PCT/US2017/051615	14-Sep-17
Pending	62/486,234	17-Apr-17
Pending	PCT/US2018/027815	16-Apr-18
Pending	62/569,726	9-Oct-17
Pending	62/677,622	29-May-18
Pending	2.0168E+11	23-Feb-16
Pending	2017-562961	23-Feb-16
Pending	10-2017-7026788	23-Feb-16
Pending	62/119,558	23-Feb-15
Pending	15/552,396	21-Aug-17
Pending	PCT/US2016/019083	23-Feb-16
Pending	62/317,102	1-Apr-16
Pending	PCT/US2017/025403	31-Mar-17

Pending	62/415,333	31-Oct-16
Pending	62/682,962	10-Jun-18
Pending	62/682,973	10-Jun-18
Pending	EP3803333	28-May-19
Pending	US2019/0368996	28-May-19
Pending	US2021/0241466	10-Jun-19
Pending	JP2021531476	20-Sept-19
Pending	US20210356374	20-Sep-19
Pending	EP3853584	20-Sep-19
Pending	EP3867606	15-Oct-19
Pending	US20200116534	15-Oct-19
Pending	US20210316175	31-Oct-19
Pending	EP3873625	31-Oct-19
Pending	US20210354053	27-Nov-19
Pending	EP3887567	27-Nov-19
Pending	US20200393346	25-Jun-20
Pending	JP2021043226	16-Dec-20
Pending	US20210243942	11-Feb-21
Pending	US20210199513	15-Mar-21
Pending	US20210356375	29-Jul-21

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	
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	
Pending	EP3684485	10/23/2018



3. Registered Trademarks:

TSI, Incorporated


TRADEMARK	COUNTRY	APP/ REG # DATE	STATUS/ACTION DUE
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
AEROTRAK	US	3,668,528 8/18/2009	REGISTERED: Renewal Due 8/18/2029
AIRGUARD	US	1,717,733 9/22/1992	REGISTERED: Renewal Due 9/22/2022
AIRPRO	US	87/094,109 4/11/2017	REGISTERED: Renewal Due 4/11/2023
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	REGISTERED: Renewal Due 6/5/2022
BALOMETER	US	1,273,405 4/10/1984	REGISTERED: Renewal Due 4/10/2024
BALOMETER	EUROPEAN UNION	9623381 5/27/2011	REGISTERED: Renewal Due 12/23/2030
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 6/17/2024
COMPUFLOW	US	1,363,060 10/1/1985	Allow to Lapse

EXRARAMAN	US	4,028,769 09/20/2011	REGISTERED: Renewal Due
GASRAMAN	US	4,440,583 11/26/2013	REGISTERED: Renewal Due
LIQUITRAK	GERMANY	2,037,654 6/4/1993	REGISTERED: Renewal Due 12/16/2021
LIQUITRAK	US	1,692,726 6/9/1992	REGISTERED: Renewal Due 6/9/2022
POLYMAX	US	86/585,585 11/10/2015	REGISTERED: Renewal Due 11/10/2025
PORTACOUNT AND DESIGN			
	US	1,565,713 11/14/1989	REGISTERED: Renewal Due 11/14/2029
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 7/7/2029
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 2/17/2029
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 5/31/2031

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?
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 3/21/2029
VELOCICHECK (2 nd)	US	4,099,680 5/7/2010	REGISTERED: Renewal Due 2/14/2022
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
N95 COMPANION	US	87551611 3/20/2018	REGISTERED: Renewal Due 03/20/2028
FitPro Link	US	87555141 08/03/2017	
TSI Link	US	97220392	Pending
AIRASSURE	US	97220383	Pending
BLUESKY	US	97220381	Pending
FITCHECK	US	5998675 8/24/2017	REGISTERED; Renewal Due 02/25/2030
PRORAMAN	US	4124200 4/10/2012	REGISTERED: Renewal Due 4/10/2022

DICKEY-john Corporation

TRADEMARK	COUNTRY	REG NO/ DATE	STATUS/ ACTION DUE
CONTROL POINT	US	2,183,560 8/25/1998	REGISTERED: Renewal Due: 8/25/2028
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
DESIGN HEXAGON 	US	2,231,209 3/9/1999	REGISTERED: Renewal Due 3/9/2029
DESIGN HEXAGON	ARGENTINA	1708080 12/4/1998	REGISTERED: Renewal Due 12/4/2018
DESIGN HEXAGON	AUSTRALIA	A745539 04/17/19	REGISTERED: Renewal Due 10/3/2027
DESIGN HEXAGON	CANADA	TMA511428 5/3/1999	REGISTERED: Renewal Due 5/3/2029
DESIGN HEXAGON	CHINA	1356218 1/21/2000	REGISTERED: Renewal Due 1/21/2030
DESIGN HEXAGON	EUROPEAN UNION	646836 11/18/1999	REGISTERED: Renewal Due 9/29/2027
DESIGN HEXAGON	HUNGARY	152487 6/22/1998	REGISTERED: Renewal Due 10/8/2027
DESIGN HEXAGON	MEXICO	635097 12/1/1999	REGISTERED: Renewal Due 10/21/2027
DESIGN HEXAGON	NEW ZEALAND	283223 9/15/1998	REGISTERED: Renewal Due 4/8/2017
DESIGN HEXAGON	RUSSIA	173069 3/17/1999	REGISTERED: Renewal Due 10/8/2027
DESIGN HEXAGON	SOUTH AFRICA	97/15293 05/03/2001	REGISTERED: Renewal Due 10/9/2027
DESIGN HEXAGON	UKRAINE	20296 8/15/2001	REGISTERED: Renewal Due 10/15/2027
DICKEY-JOHN (Electronic equipment for agriculture...)	US	1,029,978 1/13/1976	REGISTERED: Renewal Due 1/13/2026
DICKEY-JOHN (Mouitors 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 11/17/2032
DICKEY-JOHN	INDIA	1513521 09/20/2008	REGISTERED: Renewal Due 12/15/2026
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 12/21/2026
DICKEY-JOHN	NEW ZEALAND	B113682 11/3/1975	REGISTERED: Renewal Due 11/3/2030
DICKEY-JOHN	NORWAY	908913 12/5/2006	REGISTERED: Renewal Due 12/5/2026
DICKEY-JOHN	RUSSIA	908913 12/5/2006	REGISTERED: Renewal Due 12/5/2026
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 12/5/2026
DICKEY-JOHN	TURKEY	908913 12/5/2006	REGISTERED: Renewal Due 12/5/2026
DICKEY-JOHN	UKRAINE	908913 12/5/2006	REGISTERED: Renewal Due 12/5/2026
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 12/11/2027
GAC	CANADA	640547: 5/26/2005	REGISTERED: Renewal Due 5/26/2020
GAC	CHINA	6608035 5/7/2010	REGISTERED: Renewal Due 5/7/2030

GAC	EUROPEAN UNION	3618436 6/23/2005	REGISTERED: Renewal Due 1/15/2024
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TRADEMARK	COUNTRY	REG NO/ DATE	STATUS/ ACTION DUE
GAC	INDIA	1513520 9/24/2008	REGISTERED: Renewal Due 12/15/2026
GAC	INTERNATIONAL	907191 12/5/2006	REGISTERED: Renewal Due 12/5/2026
GAC	KAZAKHSTAN	26033 8/11/2008	REGISTERED: Renewal Due 12/21/2026
GAC	MEXICO	907191 12/5/2006	REGISTERED: Renewal Due 12/5/2026
GAC	NORWAY	907191 12/5/2006	REGISTERED: Renewal Due 12/5/2026
GAC	RUSSIA	907191 12/5/2006	REGISTERED: Renewal Due 12/5/2026
GAC	SOUTH AFRICA	2006/30014 2/5/2010	REGISTERED: Renewal Due 12/8/2026
GAC	SWITZERLAND	907191 12/5/2006	REGISTERED: Renewal Due 12/5/2026
GAC	TURKEY	907191 12/5/2006	REGISTERED: Renewal Due 12/5/2026
GAC	UKRAINE	907191 12/5/2006	REGISTERED: Renewal Due 12/5/2026
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 12/5/2026
INSTALAB	EUROPEAN UNION	907195 12/5/2006	REGISTERED: Renewal Due 12/5/2026
INSTALAB	INDIA	1513520 9/24/2008	REGISTERED: Renewal Due 12/15/2026
INSTALAB	INTERNATIONAL	907195 12/5/2006	REGISTERED: Renewal Due 12/5/2026
INSTALAB	JAPAN	2168442 9/29/1989	REGISTERED: Renewal Due 9/29/2029
INSTALAB	KAZAKHSTAN	26032 8/11/2008	REGISTERED: Renewal Due 12/21/2026
INSTALAB	NEW ZEALAND	760307 6/7/2007	REGISTERED: Renewal Due 12/7/2026
INSTALAB	NORWAY	907195 12/5/2006	REGISTERED: Renewal Due 12/5/2026
INSTALAB	RUSSIA	907195 12/5/2006	REGISTERED: Renewal Due 12/5/2026
INSTALAB	SOUTH AFRICA	2006/30013 2/5/2010	REGISTERED: Renewal Due 12/8/2026
INSTALAB	SWITZERLAND	907195 12/5/2006	REGISTERED: Renewal Due 12/5/2026

INSTALAB	TURKEY	907195 12/5/2006	REGISTERED: Renewal Due 12/5/2026
INSTALAB	UKRAINE	907195 12/5/2006	REGISTERED: Renewal Due 12/5/2026
		REG NO/ DATE	STATUS/ ACTION
INTELLIAG	US	3,476,260 7/29/2008	REGISTERED: Renewal Due 7/29/2028
INTELLIAG	ARGENTINA	2280583 4/7/2009	REGISTERED: Renewal Due 4/7/2029
INTELLIAG	AUSTRALIA	958919 3/7/2008	REGISTERED: Renewal Due 3/7/2028
INTELLIAG	BRAZIL	829.917.110 11/9/2010	REGISTERED: Renewal Due 11/9/2030
INTELLIAG	COLUMBIA	367.447 11/28/2008	REGISTERED: Renewal Due 11/28/2028
INTELLIAG	EQUADOR	566-09 11/25/2008	REGISTERED: Renewal Due 11/25/2028
INTELLIAG	EUROPEAN UNION	958919 3/7/2008	REGISTERED: Renewal Due 3/7/2028
INTELLIAG	INTERNATION AL	958919 3/7/2008	REGISTERED: Renewal Due 3/7/2028
INTELLIAG	JAPAN	958919 3/7/2008	REGISTERED: Renewal Due 3/7/2028
INTELLIAG	KAZAKHSTAN	29616 8/14/2009	REGISTERED: Renewal Due 4/2/2018
INTELLIAG	NEW ZEALAND	786853 11/13/2008	REGISTERED: Renewal Due 12/21/2027
INTELLIAG	NORWAY	958919 3/7/2008	REGISTERED: Renewal Due 3/7/2028
INTELLIAG	PARAGUAY	333027 5/31/2010	REGISTERED: Renewal Due 5/31/2020
INTELLIAG	RUSSIA	958919 3/7/2008	REGISTERED: Renewal Due 3/7/2028
INTELLIAG	SOUTH AFRICA	2008/07312 8/5/2010	REGISTERED: Renewal Due 4/2/2028
INTELLIAG	SWITZERLAND	958919 3/7/2008	REGISTERED: Renewal Due 3/7/2028
INTELLIAG	UKRAINE	958919 3/7/2008	REGISTERED: Renewal Due 3/7/2028
INTELLIAG	Uruguay	390.53 11/3/2009	REGISTERED: Renewal Due 11/3/2019
INTELLIAG	UZBEKISTAN	958919 3/7/2008	REGISTERED: Renewal Due 3/13/2028
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 12/2/1997	REGISTERED: Renewal Due 12/2/2027
LAND MANAGER	EUROPEAN UNION	726737 6/8/1999	REGISTERED: Renewal Due 1/19/2028
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 3/11/2008	REGISTERED: Renewal Due 3/11/2028
		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 Due 11/1/2025
M-3G	ARGENTINA	205643 12/7/2005	REGISTERED: Renewal Due 12/7/2025
M-3G	CANADA	632828 2/15/2005	REGISTERED: Renewal Due 2/15/2020
M-3G	CHINA	4083957 1/28/2009	REGISTERED: Renewal Due 1/28/2029
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 1/19/2029
SEED MANAGER	ARGENTINA	1708344 12/4/1998	REGISTERED: Renewal Due 12/4/2018
SEED MANAGER	AUSTRALIA	745551 8/13/1999	REGISTERED: Renewal Due 10/1/2027
SEED MANAGER	BRAZIL	820428671 11/22/2011	REGISTERED: Renewal Due 11/22/2021
SEED MANAGER	EUROPEAN UNION	646885 8/2/2000	REGISTERED: Renewal Due 9/29/2027
SEED MANAGER	MEXICO	572923 3/26/1998	REGISTERED: Renewal Due 10/10/2027
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 8/19/2027
SEED SMART	BRAZIL	820250376 11/9/1999	REGISTERED: Renewal Due 11/9/2019
SEED SMART	EUROPEAN UNION	614305 5/5/2000	REGISTERED: Renewal Due 8/18/2027
SEED SMART	MEXICO	579200 6/26/1998	REGISTERED: Renewal Due 8/27/2027
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 8/25/2029

VIGILENSE	BRAZIL	830070249 12/14/2010	REGISTERED: Renewal Due 12/14/2030
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 9/22/2028
VIGILENSE	NEW ZEALAND	796566 3/26/2009	REGISTERED: Renewal Due 9/24/2028
VIGILENSE	SOUTH AFRICA	2008/22580 11/22/2010	REGISTERED: Renewal Due 9/25/2028
VIGILENSE	Uruguay	396353 2/2/2011	REGISTERED: Renewal Due 2/2/2021

ESC Spectrum Corporation (f/k/a 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	

TSI – Oconomowoc

Name of Owner	Mark	Country	Registration/File No.	Registration Date
TSI Incorporated	QUESTSUITE	US	220623	04/22/97 Renewal Paid
TSI Incorporated	NOISEPRO	US	2846559	05/25/04
TSI Incorporated	SOUNDPRO	US	2811795	02/03/04
TSI Incorporated	Quest (Stylized)	US	87796328	02/13/18
TSI Incorporated	Quest	US	6260877	2/2/2021
TSI Incorporated	Quest	International	1548457	7/21/2020
TSI Incorporated	Quest	Australia	1548457	2/9/2021
TSI Incorporated	Quest	Canada		Pending
TSI Incorporated	Quest	Denmark	1548457	7/21/2020
TSI Incorporated	Quest	Germany	1548457	1/27/2021
TSI Incorporated	Quest	Italy	1548457	7/21/2020
TSI Incorporated	Quest	Japan		
TSI Incorporated	Quest	South Korea		
TSI Incorporated	Quest	Poland	1548457	1/11/2021
TSI Incorporated	Quest	Singapore	1548457	7/21/2020
TSI Incorporated	Quest	UK	1548457	7/21/2020

TEKRAN

Name of Owner	Mark	Country	Registration/File No.	Registration Date
Tekran	MerPAS	US	5982226	02/11/2020

Monitoring Solutions, Incorporated

Type	Applicant	Description	Status	Owned/Licensed
Trademark	Monitoring Solutions, Inc.	CEMDAS	Pending application number: 90858091	Owned
Trademark	Monitoring Solutions, Inc.	CEMEX	Pending application number: 90858121	Owned
Trademark	Monitoring Solutions, Inc.	CEMCON	Pending application number: 90858046	Owned
Trademark	Monitoring Solutions, Inc.	CEMFLOW	Pending application number: 97180528	Owned

4. Registered Trade Names:

None.

5. Registered Copyrights:

None.