

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM571064

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	Amendment No. 1 to Intellectual Property Security Agreement		
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
EXIDE TECHNOLOGIES, LLC		04/02/2020	Limited Liability Company: DELAWARE
RECEIVING PARTY DATA			
Name:	Bank of America, N.A.		
Street Address:	300 Galleria Parkway		
Internal Address:	Suite 800		
City:	Atlanta		
State/Country:	GEORGIA		
Postal Code:	30339		
Entity Type:	Association: UNITED STATES		
PROPERTY NUMBERS Total: 82			
Property Type	Number	Word Mark	
Registration Number:	1333053	ABSOLYTE	
Registration Number:	1284099	CLASSIC	
Registration Number:	2108929	CUTTING EDGE	
Registration Number:	3874405	DRIVER'S EDGE	
Registration Number:	3652756	E ELEMENT ECO-FRIENDLY · EFFICIENT · ENE	
Registration Number:	3758464	E FORCE	
Registration Number:	2234170	E-3600	
Registration Number:	3763736	EFORCE	
Registration Number:	3304645	ELEMENT	
Registration Number:	986811	EXIDE	
Registration Number:	2881288	EXIDE	
Registration Number:	1545246	EXIDE	
Registration Number:	1658819	EXIDE	
Registration Number:	4238762	EXIDE EDGE	
Registration Number:	3779011	EXIDE POWER CENTRAL	
Registration Number:	2375439	EXIDE SELECT ORBITAL	
Registration Number:	2940639	EXIDE TECHNOLOGIES	
Registration Number:	2241947	FULL TIMER	
TRADEMARK			

OP \$2065.00 1333053

Property Type	Number	Word Mark
Registration Number:	2077349	GNB
Registration Number:	2249173	GNB
Registration Number:	3685770	GNB FLOODED CLASSIC
Registration Number:	1978748	HIBERNATOR
Registration Number:	2972943	LIBERATOR
Registration Number:	2643080	MARATHON
Registration Number:	2091137	MEDALIST
Registration Number:	3008220	MEGA CELL
Registration Number:	3334368	MEGACYCLE
Registration Number:	242106	NATIONAL
Registration Number:	1696840	NAUTILUS
Registration Number:	1937409	NAUTILUS
Registration Number:	3998608	ONYX
Registration Number:	3078138	ORBITAL
Registration Number:	3119585	ORBITAL
Registration Number:	1577361	PACIFIC CHLORIDE
Registration Number:	1305805	PC-31
Registration Number:	2224735	PERFORMANCE EDGE
Registration Number:	892372	POWER BREED
Registration Number:	1867485	POWER LITE
Registration Number:	2975487	POWERFIT
Registration Number:	2859692	PX-31
Registration Number:	3174544	RELAY GEL
Registration Number:	1730831	ROAD FORCE
Registration Number:	1032878	ROUGHNECK
Registration Number:	2132484	SELECT
Registration Number:	3967481	SELECT PERFORMANCE
Registration Number:	2126324	SPRINTER
Registration Number:	2270995	STABL-LOK
Registration Number:	3819658	START POSITIVE. STAY POSITIVE.
Registration Number:	4243313	STARTS LIKE NEW. STAYS LIKE NEW LONGER.
Registration Number:	1377978	STOWAWAY
Registration Number:	1759116	SUBZERO
Registration Number:	1898611	SUNLYTE
Registration Number:	1439833	SUPER CRANK
Registration Number:	3367053	SUPERCRAK XTRA
Registration Number:	623357	SURE START
Registration Number:	4369365	SURELIFE

Property Type	Number	Word Mark
Registration Number:	4094049	TEST YOUR BATTERY BEFORE IT TESTS YOU!
Registration Number:	2915805	TITAN
Registration Number:	1885558	TRAILBLAZER
Registration Number:	3580365	TUBULAR-HP HIGH PERFORMANCE
Registration Number:	4347137	VORTEX
Registration Number:	0600285	WEATHERMASTER
Registration Number:	502333	WILLARD
Serial Number:	86893779	TUBULAR CMX
Serial Number:	86870168	TUBULAR LMX
Serial Number:	86867732	TUBULAR LMX
Serial Number:	87016849	HEAT GUARD
Serial Number:	87016847	HEAT SHIELD
Serial Number:	87067896	TUBULAR MPX
Serial Number:	87240337	MARATHON FPX
Serial Number:	87624919	LIFEGRID
Serial Number:	87845689	LIFTFORCE LPX
Serial Number:	87876117	FURY 3
Serial Number:	87897364	FURY X-3
Serial Number:	88019298	MARATHON FTX
Serial Number:	88292485	GNB CLOUD
Serial Number:	88100478	ERGOLOCK
Serial Number:	88100481	SURE START
Serial Number:	85357121	AKER WADE
Serial Number:	78363238	AKER WADE
Serial Number:	76464222	TWINMAX
Serial Number:	76464221	UNIMAX

CORRESPONDENCE DATA

Fax Number: 8009144240

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.

Phone: 800-713-0755

Email: Ted.mulligan@wolterskluwer.com

Correspondent Name: CT Corporation

Address Line 1: 4400 Easton Commons Way

Address Line 2: Suite 125

Address Line 4: Columbus, OHIO 43219

NAME OF SUBMITTER: Syed Humza Moinuddin

SIGNATURE: /Syed Humza Moinudin/

DATE SIGNED:

04/08/2020

Total Attachments: 38

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AMENDMENT NO. 1 TO INTELLECTUAL PROPERTY SECURITY AGREEMENT

AMENDMENT NO. 1 TO INTELLECTUAL PROPERTY SECURITY AGREEMENT, dated as of April 2, 2020 (this "Amendment"), is by and among Bank of America, N.A., a national banking association, in its capacity as administrative agent (in such capacity, together with its successors and assigns, "Administrative Agent") pursuant to the Credit Agreement (as defined below), and Exide Technologies, LLC, a Delaware limited liability company (formerly known as Exide Technologies, the "Company").

W I T N E S S E T H:

WHEREAS, Administrative Agent, the parties to the Credit Agreement as lenders party thereto (individually, each a "Lender" and collectively, "Lenders"), and certain other parties have entered into a senior secured revolving credit facility pursuant to which Administrative Agent and Lenders have made, and may make, loans and advances and provide other financial accommodations to the Company, Exide Technologies Canada Corporation ("Canadian Borrower"), Exide Technologies (Transportation) Limited and GNB Industrial Power (UK) Limited (collectively "UK Borrowers"), Exide Holding Netherlands B.V. ("Dutch Borrower", and together with the Company, Canadian Borrower and UK Borrowers, and any other person that may become a Borrower under the Credit Agreement, individually, a "Borrower" and collectively, "Borrowers"), as set forth in the ABL Credit Agreement, dated as of April 30, 2015, by and among Borrowers, Bank of America, N.A., PNC Bank, National Association, and Bank of Montreal, as Co-Collateral Agents, Bank of America, N.A., as Issuing Bank, and Bank of America, N.A., as Swingline Lender, Administrative Agent and Lender, as amended by Amendment No. 1 to Credit Agreement and Limited Waiver, dated as of June 14, 2016, Amendment No. 2 to Credit Agreement, dated as of September 9, 2016, Amendment No. 3 to Credit Agreement, dated as of May 10, 2017, Amendment No. 4 to Credit Agreement, dated as of April 27, 2018, Amendment No. 5 to Credit Agreement, dated as June 17, 2019, Amendment No. 6 to Credit Agreement, dated as of December 26, 2019 and Amendment No. 7 to Credit Agreement ("Amendment No. 7"), dated as of December 31, 2019 (as the same now exists or may hereafter be amended, amended and restated, modified, supplemented, extended, renewed, restated or replaced, the "Credit Agreement");

WHEREAS, in connection with Amendment No. 7, the Company has merged with Exide Merger Sub, LLC, a Delaware limited liability company, with the Company as the surviving corporation and the Company has converted to a Delaware limited liability company and changed its name to "Exide Technologies, LLC";

WHEREAS, the Company and the Administrative Agent are parties to (a) the Intellectual Property Security Agreement, dated as of April 30, 2015 and recorded with the United States Patent and Trademark Office on May 5, 2015 at Reel/Frame 035583/0581 and Reel/Frame 5510/0479, (b) the Intellectual Property Security Agreement, dated as of April 30, 2015 and recorded with the United States Patent and Trademark Office on May 14, 2015 at Reel/Frame 035772/0020 and Reel/Frame 005543/0302, (c) the Intellectual Property Security Agreement, dated as of August 11, 2015 and recorded with the United States Patent and Trademark Office on September 1, 2015 at Reel/Frame 036471/0523, (d) the Intellectual Property Security Agreement, dated as of November 30, 2015 and recorded with the United States Patent and Trademark Office on January 8, 2016 at Reel/Frame 037443/0337, (e) the Intellectual Property Security Agreement, dated as of May 16, 2016 and recorded with the United States Patent and Trademark Office on May 17, 2016 at Reel/Frame 038618/0858, (f) the Intellectual Property Security Agreement, dated as of May 16, 2016 and recorded with the United States Patent and Trademark Office on May 26, 2016 at Reel/Frame 005801/0001 (to correct the Intellectual Property Security Agreement, dated as of May 16, 2016 and recorded with the United States Patent and Trademark Office at Reel/Frame 005795/2056), (g) the Intellectual Property Security Agreement, dated as of August 12, 2016 and

recorded with the United States Patent and Trademark Office on August 16, 2016 at Reel/Frame 005856/0347, (h) the Intellectual Property Security Agreement, dated as of February 14, 2017 and recorded with the United States Patent and Trademark Office on February 14, 2017 at Reel/Frame 005988/0268, (i) the Intellectual Property Security Agreement, dated as of November 13, 2017 and recorded with the United States Patent and Trademark Office on November 14, 2017 at Reel/Frame 006205/0369, (j) the Intellectual Property Security Agreement, dated as of February 13, 2018 and recorded with the United States Patent and Trademark Office on February 13, 2018 at Reel/Frame 006307/0229, (k) the Intellectual Property Security Agreement, dated as of May 14, 2018 and recorded with the United States Patent and Trademark Office on May 16, 2018 at Reel/Frame 006379/0918, (l) the Intellectual Property Security Agreement, dated as of August 13, 2018 and recorded with the United States Patent and Trademark Office on August 23, 2018 at Reel/Frame 046683/0930 and Reel/Frame 006421/0461, (m) the Intellectual Property Security Agreement, dated as of November 13, 2018 and recorded with the United States Patent and Trademark Office on November 14, 2018 at Reel/Frame 006537/0487, (n) the Intellectual Property Security Agreement, dated as of May 13, 2019 and recorded with the United States Patent and Trademark Office on May 17, 2019 at PAT5528755 and Reel/Frame 006648/0173, (o) the Intellectual Property Security Agreement, dated as of August 12, 2019 and recorded with the United States Patent and Trademark Office on October 31, 2019 at Reel/Frame 006783/0530, and (p) the Intellectual Property Security Agreement, dated as of October 28, 2019 and recorded with the United States Patent and Trademark Office on October 31, 2019 at Reel/Frame 050876/0840 (in each case, as the same now exists or may hereafter be amended, amended and restated, supplemented, or otherwise modified from time to time, and collectively, the “Intellectual Property Security Agreement”); and

WHEREAS, the Company and Administrative Agent wish to confirm that the grant of the security interests under the Intellectual Property Security Agreement and the obligations of the Company thereunder are continuing in full force and effect after giving effect to the merger, conversion and name change referred to above;

NOW, THEREFORE, in consideration of the foregoing and the mutual agreements and covenants contained herein, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties hereto agree as follows:

1. Interpretation. For purposes of this Amendment, all terms used herein which are not otherwise defined herein, including but not limited to, those terms used in the recitals hereto, shall have the respective meanings assigned thereto in the Intellectual Property Security Agreement as amended by this Amendment, or if not defined therein, in the Credit Agreement.

2. Acknowledgment and Confirmation.

(a) As of the date hereof, the Company hereby acknowledges, confirms and agrees that all references to a “Grantor” in the Intellectual Property Security Agreement shall include Exide Technologies, LLC, as the surviving corporation of the merger with Exide Merger Sub, LLC, a Delaware limited liability company, and as converted to a Delaware limited liability company.

(b) Without limiting the grant of the security interest to Administrative Agent set forth in Section 1 of the Intellectual Property Security Agreement or any other provisions thereof, the Company hereby confirms, reaffirms and restates the prior grant, to Administrative Agent of a security interest in and lien upon the Collateral (including the applications and registrations as previously recorded with the United States Patent and Trademark Office on May 5, 2015 at Reel/Frame 035583/0581 and Reel/Frame 5510/0479; on May 14, 2015 at Reel/Frame 035772/0020 and Reel/Frame 005543/0302; on September 1, 2015 at Reel/Frame 036471/0523; on January 8, 2016 at Reel/Frame 037443/0337; on May 17, 2016 at

Reel/Frame 038618/0858; on May 26, 2016 at Reel/Frame 005801/0001; on August 16, 2016 at Reel/Frame 005856/0347; on February 14, 2017 at Reel/Frame 005988/0268; on November 14, 2017 at Reel/Frame 006205/0369; on February 13, 2018 at Reel/Frame 006307/0229; on May 16, 2018 at Reel/Frame 006379/0918; on August 23, 2018 at Reel/Frame 046683/0930 and Reel/Frame 006421/0461; on November 14, 2018 at Reel/Frame 006537/0487; on May 17, 2019 at PAT5528755 and Reel/Frame 006648/0173; on October 31, 2019 at Reel/Frame 050876/0840 and Reel/Frame 006783/0530) pursuant to the Intellectual Property Security Agreement, which security interest and lien shall continue in full force and effect. The merger and conversion referred to above shall not, in any manner, be construed to constitute payment of, or impair, limit, cancel or extinguish, or constitute a novation in respect of, the indebtedness and other obligations and liabilities of the Company evidenced by or arising under the Intellectual Property Security Agreement.

3. Effect of this Amendment. Except as expressly provided herein, no other changes or modifications to the Intellectual Property Security Agreement or waivers of or consents under any provisions thereof are intended or implied, and in all other respects the Intellectual Property Security Agreement is hereby specifically ratified, restated, and confirmed by all parties hereto as of the effective date hereof. To the extent any term or provision of this Amendment conflicts with any term or provision of the Intellectual Property Security Agreement, the term or provision of this Amendment shall control. This Amendment and the Intellectual Property Security Agreement shall be read and construed as one agreement.

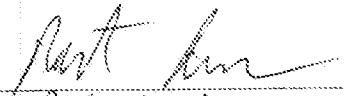
4. Counterparts. This Amendment may be executed in any number of counterparts, but all of such counterparts shall together constitute but one and the same agreement. In making proof of this Amendment, it shall not be necessary to produce or account for more than one counterpart thereof signed by each of the parties hereto. This Amendment may be delivered by telecopier or other method of electronic transmission with the same force and effect as if it were a manually executed and delivered counterpart.

[Signature Page Follows]

IN WITNESS WHEREOF, the parties hereto have executed this Amendment as of the day and year first above written.

GRANTOR:

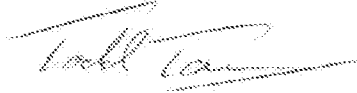
EXIDE TECHNOLOGIES, LLC

By: 
Name: Robert Pomeroy
Title: Assistant Secretary

ADMINISTRATIVE AGENT:

ACCEPTED AND ACKNOWLEDGED BY:

BANK OF AMERICA, N.A.



By: _____

Name: Todd Tarrance

Title: SVP

Schedules

[See attached]

Intellectual Property Security Agreement dated as of April 30, 2015 and recorded with the United States Patent and Trademark Office on May 5, 2015 at Reel/Frame 035583/0581 and Reel/Frame 5510/0479

Schedule A
to
Intellectual Property Security Agreement
Patents

Patent Registrations and Applications with the U.S. Patent and Trademark Office

Grantor	Country	Patent	App. No.	Patent No.	File/Issue Date
Exide Technologies	United States of America	NOZZLE ASSEMBLY FOR INJECTION MOLDING APPARATUS	08/797,732	5,851,565	11-Feb-97
Exide Technologies	United States of America	POSITIVE GRID ALLOYS	08/839,302	5,834,141	18-Apr-97
Exide Technologies	United States of America	FLOODED LEAD ACID BATTERY WITH TILT-OVER CAPABILITY	09/102,902	6,045,940	23-Jun-98
Exide Technologies	United States of America	SEASONAL USE LEAD ACID ELECTRICAL STORAGE BATTERY	08/433,743	5,558,960	3-May-95
Exide Technologies	United States of America	BATTERY STRAP HANDLE	08/574,186	5,670,274	18-Dec-95
Exide Technologies	United States of America	PROCESS FOR RECOVERING METALS FROM ELECTRIC ARC FURNACE (EAF) DUST	08/946,583	5,942,023	7-Oct-97
Exide Technologies	United States of America	PLASTIC BATTERY CONTAINER HAVING REDUCED END WALL DEFLECTION	09/017,899	6,183,903	3-Feb-98
Exide Technologies	United States of America	CELL TRAY ASSEMBLY AND COVER SYSTEM FOR LEAD-ACID CELLS AND BATTERIES	09/232,321	6,120,934	18-Jan-99
Exide Technologies	United States of America	MODULAR CELL TRAY ASSEMBLY FOR SEALED LEAD-ACID CELLS	08/867,307	5,981,101	2-Jun-97
Exide Technologies	United States of America	SYSTEM AND METHOD FOR CONTROLLING THE DEGREE OF HEATING EXPERIENCED BY A WORK COIL IN AN INDUCTION HEATING GENERATOR	08/813,233	5,886,325	18-Dec-96
Exide Technologies	United States of America	SPIRAL-WOUND LEAD-ACID BATTERIES HAVING CAPACITY ADAPTERS	08/744,374	5,922,490	7-Nov-96
Exide Technologies	United States of America	INDUCTION HEATING APPARATUS AND METHOD FOR FUSING BATTERY CELL TERMINALS	08/799,294	6,008,480	13-Feb-97

Grantor	Country	Patent	App. No.	Patent No.	File/Issue Date
Exide Technologies	United States of America	LEAD ACID STORAGE BATTERY AND METHOD OF BONDING BATTERY CELL TERMINAL POSTS AND BUSHINGS	09/266,180	6,309,429	15-Mar-99
Exide Technologies	United States of America	IMPROVED LEAD ACID STORAGE BATTERY	08/903,466	5,905,002	30-Jul-97
Exide Technologies	United States of America	VALVE-REGULATED LEAD-ACID CELLS AND BATTERIES AND SEPARATORS USED IN SUCH CELLS AND BATTERIES	09/423,026	6,509,118	2-Jul-98
Exide Technologies	United States of America	SEALANT COMPOSITION, CELL AND BATTERY COVER, AND CELL BATTERY PREPARED THEREWITH	08/745,453	5,709,967	12-Nov-96
Exide Technologies	United States of America	SEALED LEAD-ACID CELLS AND BATTERIES HAVING INTERNAL AND EXTERNAL RESTRAINT FOR ACCOMMODATING PLATE GROWTH	09/516,965	RE37,804	1-Mar-00
Exide Technologies	United States of America	SEALED LEAD-ACID CELL TRAY ASSEMBLY AND MOTIVE POWERED VEHICLE USING SUCH CELL TRAY ASSEMBLY	08/542732	5,709,280	13-Oct-95
Exide Technologies	United States of America	BATTERY GRIDS, A METHOD FOR MAKING SUCH BATTERY GRIDS AND LEAD-ACID BATTERIES USING SUCH BATTERY GRIDS	08/584,057	5,652,074	1-Jan-96
Exide Technologies	United States of America	PEDESTAL AND CELL TRAY ASSEMBLY FOR LEAD-ACID CELLS AND BATTERIES	08/693,558	5,667,908	7-Aug-96
Exide Technologies	United States of America	ANTIMONY-ARSENIC-TIN-SELENIUM LEAD-BASED STRAP ALLOYS FOR LEAD-ACID BATTERIES	08/583,902	5,650,242	11-Jan-96
Exide Technologies	United States of America	LOW PROFILE FRONT TERMINAL LEAD-ACID BATTERY	09/373,330	6,372,382	21-Aug-99
Exide Technologies	United States of America	LEAD-ACID CELL AND POSITIVE PLATE AND ALLOYS THEREFOR	09/072,401	6,423,451	4-May-98
Exide Technologies	United States of America	METHOD FOR MAKING POSITIVE GRIDS AND LEAD-ACID CELLS AND BATTERIES USING SUCH GRIDS	09/285,624	6,351,878	3-Apr-99
Exide Technologies	United States of America	SEISMIC RATED BATTERY RACKING SYSTEM	09/963,722	6,638,660	26-Sep-01
Exide Technologies	United States of America	DETACHABLE ROPE HANDLE ASSEMBLY	09/453,118	6,428,927	2-Dec-99
Exide Technologies	United States of America	SCREW-IN VENT-PLUG FOR LEAD-ACID BATTERIES	09/705,566	7,101,640	3-Nov-00
Exide Technologies	United States of America	SPIRAL WOUND BATTERY	29/361,750 (Design)	D633,866	14-May-10
Exide Technologies	United States of America	SPIRAL WOUND BATTERY	29/361,179 (Design)	D633,863	6-May-10
Exide Technologies	United States of America	SPIRAL WOUND BATTERY	29/361,182 (Design)	D633,862	6-May-

Grantor	Country	Patent	App. No.	Patent No.	File/Issue Date
Technologies	of America		(Design)		10
Exide Technologies	United States of America	SPIRAL WOUND BATTERY	29/361,184 (Design)	D633,864	6-May-10
Exide Technologies	United States of America	SPIRAL WOUND BATTERY	29/361,188 (Design)	D633,865	6-May-10
Exide Technologies	United States of America	FLAT PLATE BATTERY	29/366,671 (Design)	D643,810	28-Jul-10
Exide Technologies	United States of America	FLAT PLATE BATTERY	29/366,673 (Design)	D643,811	28-Jul-10
Exide Technologies	United States of America	SPIRAL WOUND BATTERY	29/378,574 (Design)	D675,562	5-Nov-10
Exide Technologies	United States of America	SPIRAL WOUND BATTERY	29/378,578 (Design)	D647,051	5-Nov-10
Exide Technologies	United States of America	SPIRAL WOUND BATTERY	29/378,586 (Design)	D647,052	5-Nov-10
Exide Technologies	United States of America	ADVANCED GRAPHITE ADDITIVE FOR ENHANCED CYCLE-LIFE OF LEAD-ACID BATTERIES	12/984,023	Pending	4-Jan-11
Exide Technologies	United States of America	ADVANCED GRAPHITE ADDITIVE FOR ENHANCED CYCLE-LIFE OF LEAD-ACID BATTERIE	14/279,492	Pending	16-May-14
Exide Technologies	United States of America	WINDING ASSEMBLY FOR ELECTROCHEMICAL CELLS, METHODS OF MAKING THE WINDING ASSEMBLY AND THE ELECTROCHEMICAL CELL	13/527,089	Pending	19-Jun-12
Exide Technologies	United States of America	BATTERY CONTAINER	29/405,128	D665,342	14-Aug-12
Exide Technologies	United States of America	BATTERY CONTAINER	29/405,132	D665,343	14-Aug-12
Exide Technologies	United States of America	BATTERY RATING SYSTEM	13/663,759	Published	30-Oct-2012
Exide Technologies	United States of America	ENERGY STORAGE DEVICES COMPRISING CARBON-BASED ADDITIVES AND METHODS OF MAKING THEREOF	13/413,923	Published	7-Mar-2012
Exide Technologies	United States of America	AN OVER-SATURATED ABSORBED GLASS MAT VALVE REGULATED LEAD-ACID BATTERY COMPRISING CARBON ADDITIVES	13/664,871	Published	31-Oct-2012
Exide Technologies	United States of America	SINGLE PUNCH METHOD OF MAKING BATTERY PLATES FOR LEAD-ACID BATTERIES	13/709,394	Published	10-Dec-2012
Exide	United States	FLOODED LEAD-ACID BATTERY	14/350,890	Published	11-Oct-

Technologies	of America			20140329137	2011
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Schedule B
to
Intellectual Property Security Agreement
Trademarks

Trademark Registrations and Applications with the U.S. Patent and Trademark Office

Trademark	Country	Grantor	App. No.	Filing Date	Reg. No.	Reg. Date	Status
ABSOLYTE	United States of America	Exide Technologies	73490910	7/20/84	1333053	4/30/85	Registered
CLASSIC	United States of America	Exide Technologies	73385910	9/16/82	1284099	7/3/84	Registered
CUTTING EDGE	United States of America	Exide Technologies	75181072	10/15/96	2108929	10/28/97	Registered
DRIVER'S EDGE	United States of America	Exide Technologies	77772928	7/1/09	3874405	11/9/10	Registered
E ELEMENT ECO-FRIENDLY EFFICIENT ENERGY & Design	United States of America	Exide Technologies	78960289	8/25/06	3652756	7/7/09	Registered
E FORCE (Design)	United States of America	Exide Technologies	77508373	6/25/08	3758464	3/9/10	Registered
E-3600	United States of America	Exide Technologies	75445013	3/5/98	2234170	3/23/99	Registered
EFORCE	United States of America	Exide Technologies	77258373	8/17/07	3763736	3/23/10	Registered
ELEMENT	United States of America	Exide Technologies	78904602	6/9/06	3304645	10/2/07	Registered
EXIDE	United States of America	Exide Technologies	72419337	3/24/72	986811	6/25/74	Registered
EXIDE	United States of America	Exide Technologies	76560885	11/19/03	2881288	9/7/04	Registered
EXIDE & Design	United States of America	Exide Technologies	73761499	11/2/88	1545246	6/27/89	Registered
EXIDE & Design	United States of America	Exide Technologies	74026356	2/6/90	1658819	10/1/91	Registered
EXIDE EDGE	United States of America	Exide Technologies	85387348	8/2/11	4238762	11/6/12	Registered
EXIDE POWER CENTRAL & Design	United States of America	Exide Technologies	77604553	10/30/08	3779011	4/20/10	Registered
EXIDE SELECT ORBITAL	United States of America	Exide Technologies	75822366	10/14/99	2375439	8/8/00	Registered
EXIDE TECHNOLOGIES	United States of America	Exide Technologies	76977172	10/16/00	2940639	4/12/05	Registered
FULL TIMER	United States of America	Exide Technologies	75303978	6/5/97	2241947	4/27/99	Registered
GNB	United States of America	Exide Technologies	75117744	6/12/96	2077349	7/8/97	Registered
GNB & Design	United States of America	Exide Technologies	75415191	1/8/98	2249173	6/1/99	Registered
GNB FLOODED CLASSIC	United States of America	Exide Technologies	77684575	3/5/09	3685770	9/22/09	Registered
HIBERNATOR	United States of America	Exide Technologies	74482953	1/25/94	1978748	6/4/96	Registered
LIBERATOR	United States of America	Exide Technologies	78199962	1/3/03	2972943	7/19/05	Registered
MARATHON	United States of America	Exide Technologies	75143077	7/30/96	2643080	10/29/02	Registered
MEDALIST	United States of America	Exide Technologies	75153089	8/20/96	2091137	8/26/97	Registered
MEGA CELL	United States of America	Exide Technologies	76552347	10/17/03	3008220	10/25/05	Registered
MEGACYCLE	United States of America	Exide Technologies	77168164	4/27/07	3334368	11/13/07	Registered
NATIONAL	United States of America	Exide Technologies	71196471	5/2/24	242106	5/15/28	Registered

NAUTILUS	United States of America	Exide Technologies	74095058	9/10/90	1696840	6/23/92	Registered
NAUTILUS	United States of America	Exide Technologies	74114325	11/13/90	1937409	11/21/95	Registered
ONYX	United States of America	Exide Technologies	77680206	2/27/09	3998608	7/19/11	Registered
ORBITAL	United States of America	Exide Technologies	76583915	3/29/04	3078138	4/11/06	Registered
ORBITAL & Design	United States of America	Exide Technologies	78565701	2/11/05	3119585	7/25/06	Registered
PACIFIC CHLORIDE AND DESIGN	United States of America	Exide Technologies	73692685	10/30/87	1577361	1/16/90	Registered
PC-31*	United States of America	Exide Technologies	73455589	12/5/83	1305805	11/20/84	Registered
PERFORMANCE EDGE	United States of America	Exide Technologies	75263238	3/25/97	2224735	2/16/99	Registered
POWER BREED	United States of America	Exide Technologies	72334579	8/6/69	892372	6/9/70	Registered
POWER LITE*	United States of America	Exide Technologies	74289600	6/25/1992	1867485	12/13/94	Registered
POWERFIT	United States of America	Exide Technologies	76593887	5/25/04	2975487	7/26/05	Registered
PX-31	United States of America	Exide Technologies	76521611	6/10/03	2859692	7/6/04	Registered
RELAY GEL	United States of America	Exide Technologies	76599261	6/25/04	3174544	11/21/06	Registered
ROAD FORCE	United States of America	Exide Technologies	74251797	3/3/92	1730831	11/10/92	Registered
ROUGHNECK (Stylized)	United States of America	Exide Technologies	73058019	7/17/75	1032878	2/10/76	Registered
SELECT	United States of America	Exide Technologies	75233754	1/30/97	2132484	1/27/98	Registered
SELECT PERFORMANCE	United States of America	Exide Technologies	77962772	3/18/10	3967481	5/24/11	Registered
SPRINTER	United States of America	Exide Technologies	75143076	7/30/96	2126324	12/30/97	Registered
STABIL-LOK	United States of America	Exide Technologies	75244242	2/19/97	2270995	8/17/99	Registered
START POSITIVE. STAY POSITIVE.	United States of America	Exide Technologies	77788367	7/23/09	3819658	7/13/10	Registered
STARTS LIKE NEW. STAYS LIKE NEW LONGER.	United States of America	Exide Technologies	85445466	10/12/11	4243313	11/13/12	Registered
STOWAWAY	United States of America	Exide Technologies	73543566	6/17/85	1377978	1/14/86	Registered
SUBZERO	United States of America	Exide Technologies	74203025	9/13/91	1759116	3/16/93	Registered
SUNLYTE	United States of America	Exide Technologies	74316964	9/23/92	1898611	6/13/95	Registered
SUPER CRANK	United States of America	Exide Technologies	73545852	7/1/85	1439833	5/19/87	Registered
SUPERCRANK XTRA	United States of America	Exide Technologies	78885885	5/17/06	3367053	1/8/08	Registered
SURE START	United States of America	Exide Technologies	71649293	6/24/53	623357	3/20/56	Registered
SURELIFE	United States of America	Exide Technologies	85474341	11/16/11	4369365	7/16/13	Registered
TEST YOUR BATTERY BEFORE IT TESTS YOU!	United States of America	Exide Technologies	77625958	12/3/08	4094049	1/31/12	Registered
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TRAILBLAZER*	United States of America	Exide Technologies	74408710	7/6/93	1885558	3/21/95	Registered
TUBULAR-HP HIGH PERFORMANCE & Design	United States of America	Exide Technologies	77530790	7/24/08	3580365	2/24/09	Registered
VORTEX	United States of America	Exide Technologies	85180432	11/18/10	4347137	6/4/13	Registered
WEATHERMASTER*	United States of America	Exide Technologies	71647822	5/27/53	0600285	1/4/55	Registered
WILLARD (STYLIZED)	United States of America	Exide Technologies	71530881	8/8/47	502333	9/21/48	Registered

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Grid Casting Plate Weight Control Electric Layout	United States	Exide Technologies Listed in database as General Battery Corporation	V/Au 63-835	1984

Intellectual Property Security Agreement, dated as of April 30, 2015 and recorded with the United States Patent and Trademark Office on May 14, 2015 at Reel/Frame 035772/0020 and Reel/Frame 005543/0302

Schedule A
to
Intellectual Property Security Agreement
Patents

Patent Registrations and Applications with the U.S. Patent and Trademark Office

Grantor	Country	Patent	App. No.	Patent No.	File/Issue Date
Exide Technologies	United States of America	NOZZLE ASSEMBLY FOR INJECTION MOLDING APPARATUS	08/797,732	5,851,565	11-Feb-97
Exide Technologies	United States of America	POSITIVE GRID ALLOYS	08/839,302	5,834,141	18-Apr-97
Exide Technologies	United States of America	FLOODED LEAD ACID BATTERY WITH TILT-OVER CAPABILITY	09/102,902	6,045,940	23-Jun-98
Exide Technologies	United States of America	SEASONAL USE LEAD ACID ELECTRICAL STORAGE BATTERY	08/433,743	5,558,960	3-May-95
Exide Technologies	United States of America	BATTERY STRAP HANDLE	08/574,186	5,670,274	18-Dec-95
Exide Technologies	United States of America	PROCESS FOR RECOVERING METALS FROM ELECTRIC ARC FURNACE (EAF) DUST	08/946,583	5,942,023	7-Oct-97
Exide Technologies	United States of America	PLASTIC BATTERY CONTAINER HAVING REDUCED END WALL DEFLECTION	09/017,899	6,183,903	3-Feb-98
Exide Technologies	United States of America	CELL TRAY ASSEMBLY AND COVER SYSTEM FOR LEAD-ACID CELLS AND BATTERIES	09/232,321	6,120,934	18-Jan-99
Exide Technologies	United States of America	MODULAR CELL TRAY ASSEMBLY FOR SEALED LEAD-ACID CELLS	08/867,307	5,981,101	2-Jun-97
Exide Technologies	United States of America	SYSTEM AND METHOD FOR CONTROLLING THE DEGREE OF HEATING EXPERIENCED BY A WORK COIL IN AN INDUCTION HEATING GENERATOR	08/813,233	5,886,325	18-Dec-96
Exide Technologies	United States of America	SPIRAL-WOUND LEAD-ACID BATTERIES HAVING CAPACITY ADAPTERS	08/744,374	5,922,490	7-Nov-96
Exide Technologies	United States of America	INDUCTION HEATING APPARATUS AND METHOD FOR FUSING BATTERY CELL TERMINALS	08/799,294	6,008,480	13-Feb-97

Grantor	Country	Patent	App. No.	Patent No.	File/Issue Date
Exide Technologies	United States of America	LEAD ACID STORAGE BATTERY AND METHOD OF BONDING BATTERY CELL TERMINAL POSTS AND BUSHINGS	09/266,180	6,309,429	15-Mar-99
Exide Technologies	United States of America	IMPROVED LEAD ACID STORAGE BATTERY	08/903,466	5,905,002	30-Jul-97
Exide Technologies	United States of America	VALVE-REGULATED LEAD-ACID CELLS AND BATTERIES AND SEPARATORS USED IN SUCH CELLS AND BATTERIES	09/423,026	6,509,118	2-Jul-98
Exide Technologies	United States of America	SEALANT COMPOSITION, CELL AND BATTERY COVER, AND CELL BATTERY PREPARED THEREWITH	08/745,453	5,709,967	12-Nov-96
Exide Technologies	United States of America	SEALED LEAD-ACID CELLS AND BATTERIES HAVING INTERNAL AND EXTERNAL RESTRAINT FOR ACCOMMODATING PLATE GROWTH	09/516,965	RE37,804	1-Mar-00
Exide Technologies	United States of America	SEALED LEAD-ACID CELL TRAY ASSEMBLY AND MOTIVE POWERED VEHICLE USING SUCH CELL TRAY ASSEMBLY	08/542732	5,709,280	13-Oct-95
Exide Technologies	United States of America	BATTERY GRIDS, A METHOD FOR MAKING SUCH BATTERY GRIDS AND LEAD-ACID BATTERIES USING SUCH BATTERY GRIDS	08/584,057	5,652,074	1-Jan-96
Exide Technologies	United States of America	PEDESTAL AND CELL TRAY ASSEMBLY FOR LEAD-ACID CELLS AND BATTERIES	08/693,558	5,667,908	7-Aug-96
Exide Technologies	United States of America	ANTIMONY-ARSENIC-TIN-SELENIUM LEAD-BASED STRAP ALLOYS FOR LEAD-ACID BATTERIES	08/583,902	5,650,242	11-Jan-96
Exide Technologies	United States of America	LOW PROFILE FRONT TERMINAL LEAD-ACID BATTERY	09/373,330	6,372,382	21-Aug-99
Exide Technologies	United States of America	LEAD-ACID CELL AND POSITIVE PLATE AND ALLOYS THEREFOR	09/072,401	6,423,451	4-May-98
Exide Technologies	United States of America	METHOD FOR MAKING POSITIVE GRIDS AND LEAD-ACID CELLS AND BATTERIES USING SUCH GRIDS	09/285,624	6,351,878	3-Apr-99
Exide Technologies	United States of America	SEISMIC RATED BATTERY RACKING SYSTEM	09/963,722	6,638,660	26-Sep-01
Exide Technologies	United States of America	DETACHABLE ROPE HANDLE ASSEMBLY	09/453,118	6,428,927	2-Dec-99
Exide Technologies	United States of America	SCREW-IN VENT-PLUG FOR LEAD-ACID BATTERIES	09/705,566	7,101,640	3-Nov-00
Exide Technologies	United States of America	SPIRAL WOUND BATTERY	29/361,750 (Design)	D633,866	14-May-10
Exide Technologies	United States of America	SPIRAL WOUND BATTERY	29/361,179 (Design)	D633,863	6-May-10
Exide Technologies	United States of America	SPIRAL WOUND BATTERY	29/361,182 (Design)	D633,862	6-May-

Grantor	Country	Patent	App. No.	Patent No.	File/Issue Date
Technologies	of America		(Design)		10
Exide Technologies	United States of America	SPIRAL WOUND BATTERY	29/361,184 (Design)	D633,864	6-May-10
Exide Technologies	United States of America	SPIRAL WOUND BATTERY	29/361,188 (Design)	D633,865	6-May-10
Exide Technologies	United States of America	FLAT PLATE BATTERY	29/366,671 (Design)	D643,810	28-Jul-10
Exide Technologies	United States of America	FLAT PLATE BATTERY	29/366,673 (Design)	D643,811	28-Jul-10
Exide Technologies	United States of America	SPIRAL WOUND BATTERY	29/378,574 (Design)	D675,562	5-Nov-10
Exide Technologies	United States of America	SPIRAL WOUND BATTERY	29/378,578 (Design)	D647,051	5-Nov-10
Exide Technologies	United States of America	SPIRAL WOUND BATTERY	29/378,586 (Design)	D647,052	5-Nov-10
Exide Technologies	United States of America	ADVANCED GRAPHITE ADDITIVE FOR ENHANCED CYCLE-LIFE OF LEAD-ACID BATTERIES	12/984,023	Pending	4-Jan-11
Exide Technologies	United States of America	ADVANCED GRAPHITE ADDITIVE FOR ENHANCED CYCLE-LIFE OF LEAD-ACID BATTERIE	14/279,492	Pending	16-May-14
Exide Technologies	United States of America	WINDING ASSEMBLY FOR ELECTROCHEMICAL CELLS, METHODS OF MAKING THE WINDING ASSEMBLY AND THE ELECTROCHEMICAL CELL	13/527,089	Pending	19-Jun-12
Exide Technologies	United States of America	BATTERY CONTAINER	29/405,128	D665,342	14-Aug-12
Exide Technologies	United States of America	BATTERY CONTAINER	29/405,132	D665,343	14-Aug-12
Exide Technologies	United States of America	BATTERY RATING SYSTEM	13/663,759	Published	30-Oct-2012
Exide Technologies	United States of America	ENERGY STORAGE DEVICES COMPRISING CARBON-BASED ADDITIVES AND METHODS OF MAKING THEREOF	13/413,923	Published	7-Mar-2012
Exide Technologies	United States of America	AN OVER-SATURATED ABSORBED GLASS MAT VALVE REGULATED LEAD-ACID BATTERY COMPRISING CARBON ADDITIVES	13/664,871	Published	31-Oct-2012
Exide Technologies	United States of America	SINGLE PUNCH METHOD OF MAKING BATTERY PLATES FOR LEAD-ACID BATTERIES	13/709,394	Published	10-Dec-2012
Exide	United States	FLOODED LEAD-ACID BATTERY	14/350,890	Published	11-Oct-

Technologies	of America			20140329137	2011
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Schedule B
to
Intellectual Property Security Agreement
Trademarks

Trademark Registrations and Applications with the U.S. Patent and Trademark Office

Trademark	Country	Grantor	App. No.	Filing Date	Reg. No.	Reg. Date	Status
ABSOLUTE	United States of America	Exide Technologies	73490910	7/20/84	1333053	4/30/85	Registered
CLASSIC	United States of America	Exide Technologies	73385910	9/16/82	1284099	7/3/84	Registered
CUTTING EDGE	United States of America	Exide Technologies	75181072	10/15/96	2108929	10/28/97	Registered
DRIVER'S EDGE	United States of America	Exide Technologies	77772928	7/1/09	3874405	11/9/10	Registered
E ELEMENT ECO-FRIENDLY	United States of America	Exide Technologies	78960289	8/25/06	3652756	7/7/09	Registered
EFFICIENT ENERGY & Design	United States of America	Exide Technologies	77508373	6/25/08	3758464	3/9/10	Registered
E-FORCE (Design)	United States of America	Exide Technologies	75445013	3/5/98	2234170	3/23/99	Registered
E-FORCE	United States of America	Exide Technologies	77258373	8/17/07	3763736	3/23/10	Registered
ELEMENT	United States of America	Exide Technologies	78904602	6/9/06	3304645	10/2/07	Registered
EXIDE	United States of America	Exide Technologies	72419337	3/24/72	986811	6/25/74	Registered
EXIDE	United States of America	Exide Technologies	76560885	11/19/03	2881288	9/7/04	Registered
EXIDE & Design	United States of America	Exide Technologies	73761499	11/2/88	1545246	6/27/89	Registered
EXIDE & Design	United States of America	Exide Technologies	74026356	2/6/90	1658819	10/1/91	Registered
EXIDE EDGE	United States of America	Exide Technologies	85387348	8/2/11	4238762	11/6/12	Registered
EXIDE POWER CENTRAL & Design	United States of America	Exide Technologies	77604553	10/30/08	3779011	4/20/10	Registered
EXIDE SELECT ORBITAL	United States of America	Exide Technologies	75822366	10/14/99	2375439	8/8/00	Registered
EXIDE TECHNOLOGIES	United States of America	Exide Technologies	76977172	10/16/00	2940639	4/12/05	Registered
FULL TIMER	United States of America	Exide Technologies	75303978	6/15/97	2241947	4/27/99	Registered
GNB	United States of America	Exide Technologies	75117744	6/12/96	2077349	7/8/97	Registered
GNB & Design	United States of America	Exide Technologies	75415191	1/8/98	2249173	6/1/99	Registered
GNB FLOODED CLASSIC	United States of America	Exide Technologies	77684575	3/5/09	3685770	9/22/09	Registered
HIBERNATOR	United States of America	Exide Technologies	74482953	1/25/94	1978748	6/4/96	Registered
LIBERATOR	United States of America	Exide Technologies	78199962	1/3/03	2972943	7/19/05	Registered
MARATHON	United States of America	Exide Technologies	75143077	7/30/96	2643080	10/29/02	Registered
MEDALIST	United States of America	Exide Technologies	75153089	8/20/96	2091137	8/26/97	Registered
MEGA CELL	United States of America	Exide Technologies	76552347	10/17/03	3008220	10/25/05	Registered
MEGACYCLE	United States of America	Exide Technologies	77168164	4/27/07	3334368	11/13/07	Registered
NATIONAL	United States of America	Exide Technologies	71196471	5/2/24	242106	5/15/28	Registered

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ORBITAL & Design	United States of America	Exide Technologies	78565701	2/11/05	3119585	7/25/06	Registered
PACIFIC CHLORIDE AND DESIGN	United States of America	Exide Technologies	73692685	10/30/87	1577361	1/16/90	Registered
PC-31*	United States of America	Exide Technologies	73455589	12/5/83	1305805	11/20/84	Registered
PERFORMANCE EDGE	United States of America	Exide Technologies	75263238	3/25/97	2224735	2/16/99	Registered
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Case No.	Country	Patent	App. No.	Patent No.	File / Issue Date
Exide Technologies	United States of America	LEAD-ACID BATTERY POSITIVE PLATE AND ALLOY THEREFOR	14431500	Pending	March 26, 2015

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to
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None.

Schedule C
to
Intellectual Property Security Agreement
Copyrights

Copyright Registrations and Applications with the U.S. Copyright Office

None.

[Schedules to IP Am. No. 1]

Intellectual Property Security Agreement, dated as of November 30, 2015 and recorded with the United States Patent and Trademark Office on January 8, 2016 at Reel/Frame 037443/0337

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Patents

Patent Registrations and Applications with the U.S. Patent and Trademark Office

OWNER	COUNTRY	PATENT	APP. NO.	PATENT NO.	FILE / ISSUE DATE
Esade Technologies	United States of America	METHOD FOR DETERMINING A STATE OF CHARGE AND REMAINING OPERATION LIFE OF A BATTERY	14/787,993	Pending	Aug 12, 2015

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Trademarks

Trademark Registrations and Applications with the U.S. Patent and Trademark Office

None.

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Copyrights

Copyright Registrations and Applications with the U.S. Copyright Office

None.

[Schedules to IP Am. No. 1]

Intellectual Property Security Agreement, dated as of May 16, 2016 and recorded with the United States Patent and Trademark Office on May 17, 2016 at Reel/Frame 038618/0858

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Patents

Patent Registrations and Applications with the U.S. Patent and Trademark Office

Owner	Country	PATENT	App. No.	Patent No.	File / Issue Date
Exide Technologies	United States of America	ADVANCED GRAPHITE ADDITIVE FOR ENHANCED CYCLE LIFE OF DEEP DISCHARGE LEAD-ACID BATTERIES	13,985,254	Pending	Jan. 25, 2016

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Trademarks

Trademark Registrations and Applications with the U.S. Patent and Trademark Office

Trademark	Country	Class	App. No.	FILING DATE	REG. NO.	REG. DATE	Status
TRUSLAR CMX	United States of America	Exide Technologies	86892779	2/11/15			Pending
TRUSLAR LHX	United States of America	Exide Technologies	86879168	1/8/15			Pending
TRUSLAR LHX LOGO	United States of America	Exide Technologies	86867732	1/6/16			Pending

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Copyrights

Copyright Registrations and Applications with the U.S. Copyright Office

None.

Intellectual Property Security Agreement, dated as of May 16, 2016 and recorded with the United States Patent and Trademark Office on May 26, 2016 at Reel/Frame 005801/0001 (to correct the Intellectual Property Security Agreement, dated as of May 16, 2016 and recorded with the United States Patent and Trademark Office at Reel/Frame 005795/2056)

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Patents

Patent Registrations and Applications with the U.S. Patent and Trademark Office

Grantor	Country	PATENT	App. No.	Patent No.	File / Issue Date
Exide Technologies	United States of America	ADVANCED GRAPHITE ADDITIVE FOR ENHANCED CYCLE LIFE OF DEEP DISCHARGE LEAD-ACID BATTERIES	15/935,254	Pending	Jan. 25, 2016

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Trademarks

Trademark Registrations and Applications with the U.S. Patent and Trademark Office

Trademark	Country	Class	App. No.	Filing Date	Reg. No.	Reg. Date	Status
TUBULAR C9X	United States of America	Exide Technologies	86883779	7/1/16			Pending
TUBULAR L9X	United States of America	Exide Technologies	86878168	1/8/16			Pending
TUBULAR L9X LOGO	United States of America	Exide Technologies	86867732	1/6/16			Pending

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Copyrights

Copyright Registrations and Applications with the U.S. Copyright Office

None.

Intellectual Property Security Agreement, dated as of August 12, 2016 and recorded with the United States Patent and Trademark Office on August 16, 2016 at Reel/Frame 005856/0347

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Patent Registrations and Applications with the U.S. Patent and Trademark Office

None.

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Trademark Registrations and Applications with the U.S. Patent and Trademark Office

TRADEMARK	COUNTRY	GRANTOR	APP. NO.	PUBLISH DATE	REG. NO.	REG. DATE	STATUS
HEAT CLASS	United States of America	Esada Technologies	37016889	4/22/2016			Foreign
HEAT SHIELD	United States of America	Esada Technologies	37016887	4/22/2016			Foreign
TUMBLER MIX	United States of America	Esada Technologies	37047386	6/16/2016			Foreign

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Copyright Registrations and Applications with the U.S. Copyright Office

None.

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Intellectual Property Security Agreement, dated as of February 14, 2017 and recorded with the United States Patent and Trademark Office on February 14, 2017 at Reel/Frame 005988/0268

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Patents

Patent Registrations and Applications with the U.S. Patent and Trademark Office

None.

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Trademark Registrations and Applications with the U.S. Patent and Trademark Office

TRADEMARK	COUNTRY	GRANTOR	APP. NO.	FILED DATE	REG. NO.	REG. DATE	STATUS
MARATHON PFX	United States of America	Esote Technologies	87248337	11/17/16			Pending

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Copyrights

Copyright Registrations and Applications with the U.S. Copyright Office

None.

Intellectual Property Security Agreement, dated as of November 13, 2017 and recorded with the United States Patent and Trademark Office on November 14, 2017 at Reel/Frame 006205/0369

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Patent Registrations and Applications with the U.S. Patent and Trademark Office

None.

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Trademark Registrations and Applications with the U.S. Patent and Trademark Office

TRADEMARK	COUNTRY	CHARACTER	APP. NO.	RELEASE DATE	REG. NO.	REG. DATE	STATUS
LIBERTY	United States	Trade Dress	8724812	9/27/17			Pending
LIBERTY	United States of America	Trade Dress	8087718	1/8/18	5783884	7/26/17	Registered
LIBERTY	United States of America	Trade Dress	8086773	1/8/18	4388891	7/28/17	Registered

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Copyrights

Copyright Registrations and Applications with the U.S. Copyright Office

None.

Intellectual Property Security Agreement, dated as of February 13, 2018 and recorded with the United States Patent and Trademark Office on February 13, 2018 at Reel/Frame 006307/0229

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Patent Registrations and Applications with the U.S. Patent and Trademark Office

None.

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TRADENAME	COUNTRY	GRANTOR	APP. NO.	FILING DATE	REG. NO.	REG. DATE	STATUS
THORAN NFX	United States of America	Snake Technologies	87067995	6/19/2016	5155925	12/22/17	Registered

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Copyrights

Copyright Registrations and Applications with the U.S. Copyright Office

None.

Intellectual Property Security Agreement, dated as of May 14, 2018 and recorded with the United States Patent and Trademark Office on May 16, 2018 at Reel/Frame 006379/0918

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Patent Registrations and Applications with the U.S. Patent and Trademark Office

None.

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Trademarks

Trademark Registrations and Applications with the U.S. Patent and Trademark Office

TRADEMARK	COUNTRY	GRANTOR	APP. NO.	DATE FILED	REG. NO.	REG. DATE	STATUS
INTERACT IPR	United States	Sadie Technologies	87584555	3/27/18			Pending
BARATHON IPR	United States	Sadie Technologies	87240337	11/17/18	5413906	2/27/18	Registered

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Copyrights

Copyright Registrations and Applications with the U.S. Copyright Office

None.

Intellectual Property Security Agreement, dated as of August 13, 2018 and recorded with the United States Patent and Trademark Office on August 23, 2018 at Reel/Frame 046683/0930 and Reel/Frame 006421/0461

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Patents

Patent Registrations and Applications with the U.S. Patent and Trademark Office

Category	Country	Patent	APP. NO.	Patent No.	File / Issue Date
Basic Technologies	United States of America	METHOD FOR OPERATING A STATE OF CHARGE AND REMAINING OPERATIONS LINE OF A BATTERY	84/767,333		Aug 12, 2013
Basic Technologies	United States of America	TRENDS BATTERY MONITORING AND BATTERY RECHARGING SYSTEM	88/979,583		Nov 15, 2018

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Trademark Registrations and Applications with the U.S. Patent and Trademark Office

TRADEMARK	COUNTRY	GRANTOR	APP. NO.	DATE FILED	REG. NO.	REG. DATE	STATUS
NIU 3	United States of America	NIU Technologies	87/651,117	9/12/18			Pending
NIU X-3	Canada	NIU Technologies	1896327	8/27/18			Pending
NIU X-3	United States of America	NIU Technologies	87/687,968	9/27/18			Pending
MARATHON PTK	United States of America	NIU Technologies	88/319,298	9/28/18			Pending

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Copyrights

Copyright Registrations and Applications with the U.S. Copyright Office

None.

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Intellectual Property Security Agreement, dated as of November 13, 2018 and recorded with the United States Patent and Trademark Office on November 14, 2018 at Reel/Frame 006537/0487

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Patent Registrations and Applications with the U.S. Patent and Trademark Office

None.

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Trademarks

Trademark Registrations and Applications with the U.S. Patent and Trademark Office

MARK	COUNTRY	CLASS	APP. NO.	DATE FILED	REG. NO.	REG. DATE	STATUS
INFORMATION	United States of America	Class 009	00000000	000000			Pending
SOFTWARE	United States of America	Class 009	00000000	000000			Pending

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Copyrights

Copyright Registrations and Applications with the U.S. Copyright Office

None.

Intellectual Property Security Agreement, dated as of May 13, 2019 and recorded with the United States Patent and Trademark Office on May 17, 2019 at PAT5528755 and Reel/Frame 006648/0173

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Patents

Patent Registrations and Applications with the U.S. Patent and Trademark Office

Grantor	Country	Patent	App. No.	Patent No.	File / Issue Date
Exide Technologies	United States of America	ADVANCED GRAPHITE ADDITIVES FOR ENHANCED CYCLE LIFE OF LEAD-ACID BATTERIES	10224550	[REDACTED]	[REDACTED]
Exide Technologies	United States of America	ADVANCED GRAPHITE ADDITIVE FOR ENHANCED CYCLE LIFE OF DEEP DISCHARGE LEAD-ACID BATTERIES	15/096,254	[REDACTED]	25-Jan-2018
Exide Technologies	United States of America	BATTERY HAVING A FLAT TOP COVER CONFIGURATION INCLUDING CENTERLINE BATTERY CELL VENTS, A CENTERLINE HANDLE CONSIDERED TO COLLAPSE TO A REDUCED STATE AND TO WRAP AROUND TERMINALS, AND SIDE PLANK ARRESTOR VENT	16/280,295	[REDACTED]	January 29, 2019

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Trademark Registrations and Applications with the U.S. Patent and Trademark Office

Trademark	Country	Grantor	App. No.	Date Filed	Reg. No.	Reg. Date	Status
GNR CLASS	United States of America	Exide Technologies	88492485	2/7/19			Pending

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Copyrights

Copyright Registrations and Applications with the U.S. Copyright Office

None.

Intellectual Property Security Agreement, dated as of October 28, 2019 and recorded with the United States Patent and Trademark Office on October 31, 2019 at Reel/Frame 050876/0840

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Patents

Patent Registrations and Applications with the U.S. Patent and Trademark Office

Grantor	Country	Patent	App. No.	Filing Date	Reg. No.
Exide Technologies	United States		16553601	8/28/2019	

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Trademark Registrations and Applications with the U.S. Patent and Trademark Office

None.

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Copyright Registrations and Applications with the U.S. Copyright Office

None.

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