OP \$2600.00 08025364

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	RELEASE BY SECURED PARTY

CONVEYING PARTY DATA

Name	Execution Date
Wells Fargo Capital Finance, LLC	03/13/2013

RECEIVING PARTY DATA

Name:	Elgin Sweeper Company
Street Address:	1415 West 22nd Street
Internal Address:	Suite 1100
City:	Oak Brook
State/Country:	ILLINOIS
Postal Code:	60523

Name:	FST of MICHIGAN
Street Address:	1415 West 22nd Street
Internal Address:	Suite 1100
City:	Oak Brook
State/Country:	ILLINOIS
Postal Code:	60523

Name:	Federal Signal Corporation
Street Address:	1415 West 22nd Street
Internal Address:	Suite 1100
City:	Oak Brook
State/Country:	ILLINOIS
Postal Code:	60523

Name:	Guzzler Manufacturing, Inc.
Street Address:	1415 West 22nd Street
Internal Address:	Suite 1100
City:	Oak Brook
State/Country:	ILLINOIS
	DATENT

Name:	Jetstream of Houston, LLP
Street Address:	1415 West 22nd Street
Internal Address:	Suite 1100
City:	Oak Brook
State/Country:	ILLINOIS
Postal Code:	60523

Name:	FST of TENNESSEE, INC.
Street Address:	1415 West 22nd Street
Internal Address:	Suite 1100
City:	Oak Brook
State/Country:	ILLINOIS
Postal Code:	60523

Name:	Vactor Manufacturing, Inc.
Street Address:	1415 West 22nd Street
Internal Address:	Suite 1100
City:	Oak Brook
State/Country:	ILLINOIS
Postal Code:	60523

Name:	FST of CALIFORNIA LLC
Street Address:	1415 West 22nd Street
Internal Address:	Suite 1100
City:	Oak Brook
State/Country:	ILLINOIS
Postal Code:	60523

PROPERTY NUMBERS Total: 65

60523

Postal Code:

Property Type	Number
Application Number:	08025364
Application Number:	29069474
Application Number:	29070332
Application Number:	10942398
Application Number:	08642196
Application Number:	08805076
Application Number:	08785339

PATENT

REEL: 030290 FRAME: 0957

84169 216675 02690 319123 69427 375354 302841 368522 329908 318804 359071 374777 309664 304645 394752 365642
02690 19123 69427 175354 102841 1068522 129908 118804 159071 174777 109664 104645 194752 1062875 105642
69427 75354 902841 968522 929908 918804 959071 974777 909664 904645 904752 962875 905642
69427 175354 102841 168522 129908 148804 159071 174777 109664 104645 1094752 1062875 105642
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REEL: 030290 FRAME: 0958

	09817572
Application Number:	10852003
Application Number:	11425415
Application Number:	10083388
Application Number:	11548209
Application Number:	12542392
Application Number:	12797425
Application Number:	12905867
Application Number:	12900684
Application Number:	13100997
Application Number:	11803573
Application Number:	12173507
Application Number:	12196052
Application Number:	12832579
Application Number:	11788487
Application Number:	11712769
Application Number:	12776500
Application Number:	13027418
Application Number:	13040834
Application Number:	13103286
Application Number:	12418220
Application Number:	12120375
Application Number:	12835664

CORRESPONDENCE DATA

Fax Number: 4122883063

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 412-288-3008

Email: chughes@reedsmith.com

Correspondent Name: Clay P. Hughes
Address Line 1: 225 Fifth Avenue

Address Line 4: Pittsburgh, PENNSYLVANIA 15222

ATTORNEY DOCKET NUMBER:	323124.00062
NAME OF SUBMITTER:	Clay P. Hughes
Signature:	/Clay P. Hughes/
Data	PATENT

REEL: 030290 FRAME: 0959

	04/26/2013
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 10 source=wells fargopatent#page1.tif source=wells fargopatent#page2.tif source=wells fargopatent#page3.tif source=wells fargopatent#page4.tif source=wells fargopatent#page5.tif source=wells fargopatent#page6.tif source=wells fargopatent#page7.tif source=wells fargopatent#page8.tif source=wells fargopatent#page9.tif source=wells fargopatent#page10.tif	

FULL RELEASE OF PATENT SECURITY AGREEMENT

THIS FULL RELEASE OF PATENT SECURITY AGREEMENT (this "Release") is made and entered into this 13th day of March, 2013, by WELLS FARGO CAPITAL FINANCE, LLC, a Delaware limited liability company, in its capacity as agent for the Lender Group and the Bank Product Providers (in such capacity, together with its successors and assigns, if any, the "Secured Party"), in favor of ELGIN SWEEPER COMPANY, a Delaware corporation, FEDERAL SIGNAL CORPORATION, a Delaware corporation, JETSTREAM OF HOUSTON, INC., a Delaware corporation, FST OF TENNESSEE, INC. (f/k/a PIPS TECHNOLOGY INC.), a Tennessee corporation, FEDERAL SIGNAL OF TEXAS CORP. (f/k/a SIRIT CORP.), a Texas corporation and VACTOR MANUFACTURING INC., an Illinois corporation (together with their successors and assigns, each individually a "Debtor" and collectively, the "Debtors").

The Secured Party hereby, without recourse to the Secured Party and without any representation or warranty of any kind, express or implied, terminates that certain Security Agreement dated as of February 22, 2012, among the Debtors and the Secured Party (the "Security Agreement") and that certain Patent Security Agreement dated as of February 22, 2012 among the Debtors and the Secured Party recorded with the United States Patent and Trademark Office on February 22, 2012, at Reel/Frame 027743/0051 (the "Patent Security Agreement") and releases the security interest created therein with respect to all (i) patents and patent applications, including without limitation, the property described in Exhibit A attached hereto and incorporated herein by reference, (ii) all continuations, divisionals, continuations-in-part, reexaminations, reissues and renewals thereof and improvements thereon, (iii) all income, royalties, damages and payments now and hereafter due or payable under and with respect thereto, including payments under all licenses entered into in connection therewith and damages and payments for past, present or future infringements thereof, (iv) the right to sue for past, present and future infringements thereof, and (v) all of each Debtor's rights corresponding thereto throughout the world (collectively, the "Pledged Collateral").

This Release shall be binding upon the Secured Party and its respective successors and assigns and shall inure to the benefit of the Debtors and their successors and assigns. The Secured Party shall deliver or cause to be delivered to the Debtors (or their successors and assigns), at the sole cost and expense of the Debtors and their successors and assigns, such other agreements, documents or instruments as the Debtors may from time to time reasonably request in connection with the release of the security interests and other liens granted to the Secured Party with respect to the Pledged Collateral set forth herein or to otherwise effectuate the intent and purposes of this Release.

[Remainder of Page Intentionally Left Blank, Signature Page Follows]

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IN WITNESS WHEREOF, the undersigned has caused this Full Release of Security Agreement to be executed by its duly authorized officer as of the date first set forth above.

WELLS FARGO CAPITAL FINANCE, LLC, as Agent

Name:

Title:

FULL RELEASE OF PATENT SECURITY AGREEMENT

5697321.2

EXHIBIT A

Patents

Patents

COUNTRY	<u>Patents</u>					
ELGIN SWEEPER Canada 616686 1335233 STREET SWEEPER 12/06/1994 12/06/1994 12/06/1994 12/06/1994 12/06/1994 12/06/1994 12/06/1994 12/06/1994 12/06/1994 12/06/1994 12/06/1994 12/06/1994 12/06/1994 12/06/1999 10/27/1998 12/06/1999 10/27/1998 12/06/1999 10/27/1998 12/06/1999 10/27/1998 12/06/1999 10/27/1998 12/06/1999 10/27/1998 12/06/1999 10/27/1998 12/06/1999 10/27/1998 12/06/1999 10/06/2008 10/06/2	OWNER	COMMENT			Рессиятуру Ферералде	Icelie Date
COMPANY		COUNTRY	NO.	DESIGN NO.	DESCRIPTION/REFERENCE	
ELGIN SWEEPER	1	Canada	616686	1225722	STREET SWEEDER	04/18/1993
COMPANY		Callaua	010080	1333233		12/06/1004
ELGIN SWEEPER CO. U.S.A. 29/069474 D400124 TRUCK BODY 10/27/1998 ELGIN SWEEPER CO. U.S.A. 29/070332 D411498 DISPLAY MODULE 06/29/1999 ELGIN SWEEPER COMPANY U.S.A. 10/942398 7,424,767 LITTER HOSE STREET SWEEPER WITH U.S.A. 08/642196 S839157 HEAD HIGH-SPEED PICK-UP HEAD FOR A STREET COMPANY U.S.A. 08/805076 S852847 SWEEPER COMPANY U.S.A. 08/785339 6026724 SHARPENING DEVICE ELGIN SWEEPER COMPANY U.S.A. 08/785339 6026724 SHARPENING DEVICE ELGIN SWEEPER COMPANY U.S.A. 08/216675 S383246 SEMI-RIGID SWEEPER COMPANY U.S.A. 08/216675 S383246 SEMI-RIGID SWEEPER COMPANY U.S.A. 08/216675 S383246 COVER U.S.A. 08/216675 S78287 DEBRIS COLLECTION SYSTEMS, VEHICLES AND METHODS DEBRIS COLLECTION DEVICE FOR COLLECTING DEBRIS COLLECTION DEVICE FOR COLLECTION DE	1	A 2 II	08/025364	5360833		12/00/1994
ELGIN SWEEPER CO. U.S.A. 29/070332 D411498 DISPLAY MODULE 06/29/1999						10/27/1998
ELGIN SWEEPER		············				
COMPANY		U.S.A.	29/0/0332	D411470		
ELGIN SWEEPER COMPANY		II C A	10/042308	7 121 767		09/10/2006
COMPANY		U.S.A.	10/942398	7,424,707		11/24/1008
HIGH-SPEED PICK-UP 12/29/1998		ΔΖΙ	08/642196	5839157	L "	11/24/1996
ELGIN SWEEPER	COMIANT	0.5.A.	00/042170	3637137		12/29/1998
COMPANY	ELGIN SWEEPER				1	12/27/1770
ELGIN SWEEPER	1	U.S.A.	08/805076	5852847		
COMPANY						02/22/2000
COMPANY		U.S.A.	08/785339	6026724	SHARPENING DEVICE	
ELGIN SWEEPER	ELGIN SWEEPER					10/12/1993
COMPANY	COMPANY	U.S.A.	07/784169	5251652	STREET SWEEPER	
FEDERAL SIGNAL CORPORATION CANADA CAN	ELGIN SWEEPER				SEMI-RIGID SWEEPER	01/24/1995
FEDERAL SIGNAL CORPORATION CANADA 2475362 2475362 METHODS DEBRIS COLLECTION DEVICE FOR COLLECTING DEBRIS CORPORATION CANADA 2626233 2626233 DEBRIS FEDERAL SIGNAL CORPORATION FEDERAL SIGNAL CORPORATION Brazil PI9104227.5 PI9104227.5 PI9104227.5 PI9104227.5 PI9104227.5 PROGRAMMABLE PROGRAMMABLE EMERGENCY SIGNALLING DEVICE PROGRAMMABLE PROGRAMMABLE EMERGENCY SIGNALLING DEVICE PROGRAMMABLE EMERGENCY SIGNALLING DEVICE PROGRAMMABLE EMERGENCY SIGNALLING DEVICE PROGRAMMABLE EMERGENCY SIGNALLING DEVICE FEDERAL SIGNAL CORPORATION Canada 2051986 CONPORATION Canada 2051909 2051909 DEVICE FOR VE O9/20/1991 COMPACT HORN SPEAKER O7/28/1998 CORPORATION FEDERAL SIGNAL CORPORATION Canada 2090376 CANADA 2475362 BEBRIS NON-LINEAR SIGNALLING DEVICE COMPACT HORN SPEAKER O7/28/1998 O7/28/1998 O7/28/1998 IMPROVED VEHICLE TIRE DEFLATOR	COMPANY	U.S.A.	08/216675	5383246	COVER	
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CORPORATION Brazil PI9104227.5 PI9104227.5 DEVICE FEDERAL SIGNAL CORPORATION Brazil PI9104227.5 PI9104227.5 DEVICE FOR VE PROGRAMMABLE EMERGENCY SIGNALLING DEVICE FEDERAL SIGNAL CORPORATION Canada 2051986 2051986 DEVICE FEDERAL SIGNAL CORPORATION Canada 2051909 DEVICE FOR VE FEDERAL SIGNAL CORPORATION Canada 2265675 COMPACT HORN SPEAKER O7/28/1998 FEDERAL SIGNAL CORPORATION Canada 2090376 DEFLATOR FEDERAL SIGNAL CORPORATION CANADA 2090376 DEFLATOR FEDERAL SIGNAL CORPORATION CANADA 2090376 DEFLATOR		CANADA	2626233	2626233		
FEDERAL SIGNAL CORPORATION Brazil PI9104227.5 PI9104227.5 PI9104227.5 DEVICE FOR VE PROGRAMMABLE EMERGENCY SIGNALLING CORPORATION Canada 2051986 2051986 DEVICE PROGRAMMABLE EMERGENCY SIGNALLING DEVICE O9/20/1991 O9/20/199	1				l .	
CORPORATION Brazil PI9104227.5 PI9104227.5 DEVICE FOR VE PROGRAMMABLE EMERGENCY SIGNALLING CORPORATION Canada 2051986 2051986 DEVICE FEDERAL SIGNAL CORPORATION Canada 2051909 2051909 DEVICE FOR VE FEDERAL SIGNAL CORPORATION Canada 2265675 COMPACT HORN SPEAKER CORPORATION Canada 2265675 (MODEL MS100 FEDERAL SIGNAL CORPORATION Canada 2090376 DEFLATOR FEDERAL SIGNAL CORPORATION Canada 2090376 DEFLATOR		Brazil	PI9104227.5	PI9104227.5		
FEDERAL SIGNAL CORPORATION Canada CANADA CORPORATION CANADA CORPORATION CANADA CANADA CORPORATION CANADA CANADA CORPORATION CANADA	1	,	DIO 1 0 4007 5	DI0104007.5		
FEDERAL SIGNAL CORPORATION Canada 2051986 EMERGENCY SIGNALLING DEVICE NON-LINEAR SIGNALLING 09/19/1991 CORPORATION Canada 2051909 EMERGENCY SIGNALLING DEVICE OP/19/1991 CORPORATION Canada 2051909 EMERGENCY SIGNALLING DEVICE OP/19/1991 COMPACT HORN SPEAKER OP/28/1998 CORPORATION Canada 2265675 EMERGENCY SIGNALLING DEVICE OP/19/1991 COMPACT HORN SPEAKER OP/28/1998 IMPROVED VEHICLE TIRE OP/25/1993 CORPORATION Canada 2090376 EMERGENCY SIGNALLING DEVICE OP/19/1991 DEVICE FOR VE COMPACT HORN SPEAKER OP/28/1998 OP/28/1998 CORPORATION FEDERAL SIGNAL OP/28/1993 DEFLATOR	CORPORATION	Brazil	P19104227.5	PI9104227.5		00/20/1001
CORPORATION Canada 2051986 DEVICE 09/19/1991 CORPORATION Canada 2051909 DEVICE FOR VE FEDERAL SIGNAL CORPORATION Canada 2265675 COMPACT HORN SPEAKER O7/28/1998 CORPORATION Canada 2265675 (MODEL MS100 FEDERAL SIGNAL (MODEL MS100) FEDERAL SIGNAL (CANADA CANADA C	EEDED AT CICNIAL					09/20/1991
FEDERAL SIGNAL CORPORATION Canada 2051909 2051909 DEVICE FOR VE COMPACT HORN SPEAKER COMPACT HORN SPEAKER (MODEL MS100 FEDERAL SIGNAL CORPORATION Canada 2265675 FEDERAL SIGNAL CORPORATION Canada 2090376 Canada 2090376 DEFLATOR NON-LINEAR SIGNALLING 09/19/1991 COMPACT HORN SPEAKER (MODEL MS100 IMPROVED VEHICLE TIRE 02/25/1993 DEFLATOR		Canada	2051086	2051086		
CORPORATION Canada 2051909 DEVICE FOR VE FEDERAL SIGNAL CORPORATION Canada 2265675 CANADA CORPORATION Canada 2090376 DEFLATOR FEDERAL SIGNAL CORPORATION CANADA CANADA CORPORATION CANADA CANADA CORPORATION CANADA CORPORATION CANADA		Canada	2031960	2031960		00/10/1001
FEDERAL SIGNAL CORPORATION Canada 2265675 COMPACT HORN SPEAKER 07/28/1998 (MODEL MS100 FEDERAL SIGNAL CORPORATION Canada 2090376 FEDERAL SIGNAL FEDERAL SIGNAL FEDERAL SIGNAL	·	Canada	2051909	2051909		07/13/1331
CORPORATION Canada 2265675 2265675 (MODEL MS100 IMPROVED VEHICLE TIRE 02/25/1993 CORPORATION Canada 2090376 DEFLATOR FEDERAL SIGNAL		Canada	2031709	2031709		07/28/1998
FEDERAL SIGNAL CORPORATION Canada 2090376 2090376 DEFLATOR 02/25/1993 FEDERAL SIGNAL	A .	Canada	2265675	2265675		57720/1770
CORPORATION Canada 2090376 2090376 DEFLATOR FEDERAL SIGNAL		Canada	2200013			02/25/1993
FEDERAL SIGNAL		Canada	2090376	2090376	li de la companya de	
COLUCIALIOIS CHIMME DO LOO . DIGITI MODELLADO	CORPORATION	Canada	2541686		LIGHT ASSEMBLY	

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0		APPLICATION	PATENT/		
OWNER	COUNTRY	No.	DESIGN NO.	DESCRIPTION/REFERENCE	ISSUE DATE
FEDERAL SIGNAL				LIGHT BAR AND METHOD	
CORPORATION	Canada	2648123	<u></u>	FOR MAKING	
FEDERAL SIGNAL					
CORPORATION	Europe	4794816.1	4794816.1	LIGHT ASSEMBLY	
FEDERAL SIGNAL				LIGHT BAR AND METHOD	
CORPORATION	Europe	7758625.3	7758625.3	FOR MAKING	
				PROGRAMMABLE	
FEDERAL SIGNAL				EMERGENCY SIGNALLING	
CORPORATION	France	97103449.1	785102	DEVICE	
				PROGRAMMABLE	
FEDERAL SIGNAL				EMERGENCY SIGNALLING	
CORPORATION	France	91116384.8	479112	DEVICE	
FEDERAL SIGNAL				NON-LINEAR SIGNALLING	
CORPORATION	France	91116382.2	483511	DEVICE FOR VE	
,				PROGRAMMABLE	
FEDERAL SIGNAL				EMERGENCY SIGNALLING	
CORPORATION	Great Britain	97103449.1	785102	DEVICE	
				PROGRAMMABLE	
FEDERAL SIGNAL				EMERGENCY SIGNALLING	
CORPORATION	Great Britain	91116384.8	479112	DEVICE	
FEDERAL SIGNAL				NON-LINEAR SIGNALLING	
CORPORATION	Great Britain	91116382.2	483511	DEVICE FOR VE	
FEDERAL SIGNAL		PCT/US03/1030	PCT/US03/10	DEBRIS COLLECTION	
CORPORATION	International	1	301	SYSTEMS, VEHICLES	
FEDERAL SIGNAL		PCT/US03/3034	PCT/US03/30	DEBRIS SEPARATION AND	
CORPORATION	International	0	340	FILTRATION SY	
FEDERAL SIGNAL		PCT/US04/3356	PCT/US04/33		
CORPORATION	International	4	564	LIGHT ASSEMBLY	
				PROGRAMMABLE	
FEDERAL SIGNAL				EMERGENCY SIGNALLING	
CORPORATION	Italy	97103449.1	785102	DEVICE	
				PROGRAMMABLE	
FEDERAL SIGNAL				EMERGENCY SIGNALLING	
CORPORATION	Italy	91116384.8	479112	DEVICE	
FEDERAL SIGNAL				NON-LINEAR SIGNALLING	
CORPORATION	Italy	91116382.2	483511	DEVICE FOR VE	
FEDERAL SIGNAL				SYSTEM AND METHOD	
CORPORATION	Japan	08-523687	08-523687	FOR BROADCASTING	
		1333337		PROGRAMMABLE	
FEDERAL SIGNAL				EMERGENCY SIGNALLING	
CORPORATION	Mexico	9101457	178615	DEVICE	
FEDERAL SIGNAL	11.20/11/00	7101.137	1,0015	NON-LINEAR SIGNALLING	
CORPORATION	Mexico	9101460	178755	DEVICE FOR VE	
FEDERAL SIGNAL	MORIO	MX/A/08/01244	1,0,33	LIGHT BAR AND METHOD	
CORPORATION	Mexico	7	277409	FOR MAKING	
CORTORATION		· · · · · · · · · · · · · · · · · · ·		 •	
	Spain	97103449.1	97103449.1	PROGRAMMABLE	

Owner	Country	APPLICATION No.	PATENT/ DESIGN NO.	DESCRIPTION/REFERENCE	ISSUE DATE
FEDERAL SIGNAL				EMERGENCY SIGNALLING	
CORPORATION				DEVICE	
FEDERAL SIGNAL CORPORATION	Spain	91116384.8	91116384.8	PROGRAMMABLE EMERGENCY SIGNALLING DEVICE	
FEDERAL SIGNAL CORPORATION	Spain	91116382.2	91116382.2	NON-LINEAR SIGNALLING DEVICE FOR VE	
FEDERAL SIGNAL CORPORATION	U.S.A.	08/102690	5422623	PROGRAMMABLE EMERGENCY SIGNALLING DEVICE	06/06/1995
FEDERAL SIGNAL CORPORATION	U.S.A.	08/319123	6100791	PROGRAMMABLE EMERGENCY SIGNALLING DEVICE	08/08/2000
FEDERAL SIGNAL CORPORATION	U.S.A.	08/169427	5557257	PROGRAMMABLE EMERGENCY SIGNALLING	09/17/1996
FEDERAL SIGNAL				REMOTE CONTROL	12/17/1996
CORPORATION	U.S.A.	08/475354	5584560	SPOTLIGHT - D1923)	
FEDERAL SIGNAL				COMPACT HORN SPEAKER	10/19/1999
CORPORATION	U.S.A.	08/902841	5970158	(MODEL MS100)	
FEDERAL SIGNAL				LIGHT BAR HOUSING	12/22/1998
CORPORATION	U.S.A.	29/068522	D402909	(VISTA)	
FEDERAL SIGNAL				INTERGRATED	08/17/2004
CORPORATION	U.S.A.	09/429908	6778078	EMERGENCY SIGNALING	
FEDERAL SIGNAL					11/05/1996
CORPORATION	U.S.A.	08/418804	RE35373	VEHICLE TIRE DEFLATOR	40/40/4000
FEDERAL SIGNAL	***	05/050051	5050050	VEYYOLE TIPE DEEL ATOP	10/19/1993
CORPORATION	U.S.A.	07/859071	5253950	VEHICLE TIRE DEFLATOR	02/15/2005
FEDERAL SIGNAL	TICA	10/074777	6854157	DEBRIS COLLECTION SYSTEMS AND VEHICLE	02/15/2005
CORPORATION FEDERAL SIGNAL	U.S.A.	10/0/4///	0834137	MOUNTING FOOT FOR	07/17/2007
CORPORATION	U.S.A.	10/809664	7244053	LIGHT BAR	07/17/2007
FEDERAL SIGNAL	0.5.A.	10/00/004	1244033	DEBRIS COLLECTION	10/16/2007
CORPORATION	U.S.A.	10/504645	7281296	SYSTEMS, VEHICLES	10/10/2007
FEDERAL SIGNAL	0.5	10/201012	,2012,0	LIGHT BAR AND METHOD	01/13/2009
CORPORATION	U.S.A.	11/394752	7476013	FOR MAKING	01,15,200
FEDERAL SIGNAL				LED LIGHT ASSEMBLY	08/25/2009
CORPORATION	U.S.A.	10/962875	7578600	WITH REFLECTOR	
FEDERAL SIGNAL				INTEGRATED MUNICIPAL	06/29/2010
CORPORATION	U.S.A.	11/505642	7746794	MANAGEMENT	
FEDERAL SIGNAL CORPORATION	CANADA	2498815	2498815	DEBRIS SEPARATION AND FILTRATION SYSTEMS	09/25/2002
FEDERAL SIGNAL	GERMANY	03754897.1	603220797	DEBRIS SEPARATION AND FILTRATION SYSTEMS	07/09/2008

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Owner	Country	APPLICATION No.	PATENT/ DESIGN NO.	DESCRIPTION/REFERENCE	ISSUE DATE
CORPORATION					
FEDERAL SIGNAL CORPORATION	EUROPEAN PATENT CONVENTI ON	03754897.1	1542784	DEBRIS SEPARATION AND FILTRATION SYSTEMS	07/09/2008
FEDERAL SIGNAL CORPORATION	FRANCE	03754897.1	1542784	DEBRIS SEPARATION AND FILTRATION SYSTEMS	07/09/2008
FEDERAL SIGNAL CORPORATION	GREAT BRITAIN	03754897.1	1542784	DEBRIS SEPARATION AND FILTRATION SYSTEMS	07/09/2008
FEDERAL SIGNAL CORPORATION	U.S.A.	10/253592	6887290	DEBRIS SEPARATION AND FILTRATION SYSTEMS	05/03/2005
FEDERAL SIGNAL CORPORATION	U.S.A.	29/382177	D616468	IMPELLER	05/25/2010
FEDERAL SIGNAL CORPORATION	U.S.A.	12/357175	8057139	TUBE RESTRAINT & METHODS	11/15/2011
FEDERAL SIGNAL CORPORATION	U.S.A.	11/788488	7918596	WARNING LIGHT	04/05/2011
FEDERAL SIGNAL CORPORATION	U.S.A.	11/840062	8013535	FLASH PATTERN SELECTION VIA POWER SWITCH	09/06/2011
FEDERAL SIGNAL CORPORATION	U.S.A.	12/341666	7963683	ROTATING LIGHT	06/21/2011
FEDERAL SIGNAL CORPORATION	CANADA	136110	136110	WARNING LIGHT	01/26/2011
FEDERAL SIGNAL CORPORATION	MEXICO	MX/F/2010/002 120	34468	INDUSTRIAL DESIGN OF A WARNING LIGHT	10/03/2011
FEDERAL SIGNAL CORPORATION	U.S.A.	29/356145	D638732	WARNING LIGHT	05/31/2011
FEDERAL SIGNAL CORPORATION	CANADA	136111	136111	WARNING LIGHT	03/08/2011
FEDERAL SIGNAL CORPORATION	MEXICO	MX/F/2010/002 120	34467	WARNING LIGHT	10/03/2011
FEDERAL SIGNAL CORPORATION	U.S.A.	29/356141	D638731	WARNING LIGHT	05/31/2011
FEDERAL SIGNAL CORPORATION	BRAZIL	DI70036489	DI70036489	LIGHT POD	03/29/2011
FEDERAL SIGNAL CORPORATION	CANADA	136054	136054	LIGHT POD	02/01/2011
FEDERAL SIGNAL CORPORATION	MEXICO	MX/F/2010/002 122	33732	INDUSTRIAL DESIGN OF A LIGHT POD	06/24/2011
FEDERAL SIGNAL CORPORATION	U.S.A.	29/356139	D639687	LIGHT POD	06/14/2011

		A DDL ICA TYON	PATENT/		
OWNER	COUNTRY	APPLICATION No.	DESIGN NO.	DESCRIPTION/REFERENCE	ISSUE DATE
				MONOLITHIC BEAM	05/02/2000
FEDERAL SIGNAL				SHAPING LIGHT OUTPUT	
CORPORATION	U.S.A.	09/162694	6056426	DEVICE	
FEDERAL SIGNAL				SIGNAL PROTOCOL	07/14/2009
CORPORATION	U.S.A.	11/369294	7562177	ASSEMBLY	
FEDERAL SIGNAL				LIGHT BAR FOR AN	03/25/2008
CORPORATION	U.S.A.	29/256908	D564928	EMERGENCY VEHICLE	
FEDERAL SIGNAL	· · · · · · · · · · · · · · · · · · ·			LIGHT BAR AND METHOD	03/15/2011
CORPORATION	U.S.A.	12/350506	7905640	FOR MAKING	
FEDERAL SIGNAL				SYSTEM AND METHOD	11/25/1997
CORPORATION (AND				FOR BROADCASTING	
GENERAL ELECTRIC				COLORED LIGHT FOR	
COMPANY)	U.S.A.	08/525833	5691696	EMERGENCY SIGNALS	
JETSTREAM OF				HIGH PRESSURE	05/15/2001
HOUSTON, INC.	U.S.A.	09/231261	6231323	RECIPROCATING PUMP	
				VALVE CONTROL SYSTEM	11/24/1992
JETSTREAM OF				FOR HIGH PRESSURE	
HOUSTON, INC.	U.S.A.	07/791117	5165451	FLUID	
				COMPACT HIGH PRESSURE	11/11/1997
				FORWARD JETTING	
JETSTREAM OF				SPINNING NOZZLE FOR	
HOUSTON, INC.	U.S.A.	08/516207	5685487	CLEANING	
JETSTREAM OF				PRESSURE REGULATOR	05/30/1995
HOUSTON, INC.	U.S.A.	08/168933	5419365	FOR WATER BLASTING	
PIPS TECHNOLOGY,				REMOTE INDICIA	12/21/2004
INC.	U.S.A.	09/817572	6832728	READING SYSTEM	
				AUTOMATED SITE	10/10/2006
				SECURITY, MONITORING	
PIPS TECHNOLOGY,				AND ACCESS CONTROL	
INC.	U.S.A.	10/852003	7119674		
				AUTOMATED SITE	12/16/2008
				SECURITY, MONITORING	
PIPS TECHNOLOGY,				AND ACCESS CONTROL	
INC.	U.S.A.	11/425415	7466223	SYSTEM	
				SUCTION HOSE	09/21/2004
VACTOR				ARRANGEMENT FOR	
MANUFACTURING	U.S.A.	10/083388	6792646	REFUSE TANK TRUCKS	

PATENT APPLICATIONS

OWNER	COUNTRY	APPLICATION No.	PATENT/DESIGN No.	DESCRIPTION/REFERENCE	ISSUE DATE
FEDERAL SIGNAL				MULTILANE VEHICLE	
CORPORATION	TAIWAN	100119260		TRACKING SYSTEM	
FEDERAL SIGNAL	U.S.A.	11/548209		FULLY INTEGRATED	

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Owner	COUNTRY	APPLICATION No.	PATENT/DESIGN No.	DESCRIPTION/REFERENCE	ISSUE DATE
CORPORATION				LIGHT BAR	
FEDERAL SIGNAL					
CORPORATION	U.S.A.	12/542392		LIGHT ASSEMBLY	
FEDERAL SIGNAL	0.5.A.	12/342392		LIGHT BAR AND METHOD	
CORPORATION	U.S.A.			FOR MAKING	
FEDERAL SIGNAL	U.S.A.			MULTILANE VEHICLE	
CORPORATION	U.S.A.	12/797,425		TRACKING SYSTEM	
CORPORATION	U.S.A.	12/191,423			
				ESTIMATING PARKING	
				SPACE OCCUPANCY	
				USING RADIO	
FEDERAL SIGNAL				FREQUENCY	
CORPORATION	U.S.A.	12/905867		IDENTIFICATION	
FEDERAL SIGNAL				LANE POSITION	
CORPORATION				DETECTION	
				ARRANGEMENT USING	
				RADIO FREQUENCY	
	U.S.A.	12/900,684		IDENTIFICATION	
FEDERAL SIGNAL				ESTIMATING PARKING	
CORPORATION				SPACE OCCUPANCY	
				USING RADIO	
		PCT/US2011/0		FREQUENCY	
	WO	53894		IDENTIFICATION	
FEDERAL SIGNAL				VEHICLE DETECTION	
CORPORATION				SYSTEM WITH RFDI-	
				BASED LOCATION	
	U.S.A.	13/100,997		DETERMINATION	
FEDERAL SIGNAL		PCT/2011/030		MULTILANE VEHICLE	
CORPORATION	wo	751		TRACKING SYSTEM	
FEDERAL SIGNAL	WO	731		LANE POSITION	
CORPORATION				DETECTION	
CORPORATION					
		PCT/US2011/0		ARRANGEMENT USING	
	W.O.	i		RADIO FREQUENCY	
EEDED AL CICNIAL	WO	53911		IDENTIFICATION DATE OF THE PARTIES.	
FEDERAL SIGNAL				DUST SEPARATION	
CORPORATION		11/000555		SYSTEM FOR USE WITH	
	U.S.A	11/803573		MOBILE EQUIPMENT	
FEDERAL SIGNAL				SIDE BROOM HAVING	
CORPORATION				MEMORY RECALL AND	
				METHOD FOR	
	U.S.A.	12/173507		PERFORMING THE SAME	
			-	REFUSE TRUCK HAVING	
FEDERAL SIGNAL				DOUBLE BARREL	
CORPORATION	U.S.A.	12/196052		STORAGE AND METHODS	
FEDERAL SIGNAL				SEAL CARTRIDGE FOR A	
CORPORATION				ROTATING NOZZLE	
	U.S.A.	12/832579		ASSEMBLY	

		APPLICATION	PATENT/DESIGN		Issue
OWNER	COUNTRY	No.	No.	DESCRIPTION/REFERENCE	DATE
FEDERAL SIGNAL	00011111	1,00	1101		
CORPORATION	U.S.A.	11/788487		WARNING LIGHT	
FEDERAL SIGNAL					
CORPORATION	U.S.A.	11/712769		LIGHT ASSEMBLY	
				WARNING LIGHT	
				ARRANGEMENTS;	
FEDERAL SIGNAL				COMPONENTS; AND	
CORPORATION	U.S.A.	12/776500		METHODS	
FEDERAL SIGNAL				WARNING LIGHT	
CORPORATION				ARRANGEMENTS;	
				COMPONENTS; AND	
	U.S.A.	13/027418		METHODS	
FEDERAL SIGNAL				LIGHT BAR AND METHOD	
CORPORATION	U.S.A.	13/040834		FOR MAKING	
FEDERAL SIGNAL					
CORPORATION	U.S.A.	13/103286		ROTATING LIGHT	
FEDERAL SIGNAL				ARTICULATING VACUUM	
CORPORATION	U.S.A.	12/418220		HOSE	
FEDERAL SIGNAL	~			STREET SWEEPER WITH	
CORPORATION	CANADA	2519744		LITTER HOSE	
FEDERAL SIGNAL	CANTADA	2699096		DOTATING LIGHT	
CORPORATION	CANADA	2688986		ROTATING LIGHT	
FEDERAL SIGNAL CORPORATION	EUROPEA N	091804747.0		ROTATING LIGHT	
FEDERAL SIGNAL	IN	091604747.0		LED WARNING LIGHT	
CORPORATION	BRAZIL	PI10021841		BAR	
FEDERAL SIGNAL	DRAZIL	1110021041		LED WARNING LIGHT	
CORPORATION	CANADA	2704488		BAR	
FEDERAL SIGNAL	CHARLETT .	MX/A/2010/005		LED WARNING LIGHT	
CORPORATION	MEXICO	408		BAR	
FEDERAL SIGNAL					
CORPORATION	BRAZIL	DI70036500		WARNING LIGHT	
FEDERAL SIGNAL				WARNING LIGHT	-
CORPORATION				ARRANGEMENTS;	
	INTERNAT	PCT/US2011/02		COMPONENTS; AND	
	IONAL	5013		METHODS	
FEDERAL SIGNAL					
CORPORATION	BRAZIL	D170036497		WARNING LIGHT	
				AUTOMATED SITE	
				SECURITY, MONITORING	
PIPS TECHNOLOGY	EUROPEA	0505000		AND ACCESS CONTROL	
INC.	N UNION	07870992.0		SYSTEM	

Owner	COUNTRY	APPLICATION No.	PATENT/DESIGN No.	DESCRIPTION/REFERENCE	ISSUE DATE
				APPARATUS AND	
				METHOD FOR	
				RECOGNIZING THE STATE	
PIPS TECHNOLOGY				OF ORIGIN OF A VEHICLE	
INC.	U.S.A.	12/120375		LICENSE PLATE	
		NOT YET		DETERMINING SPEEDS OF	
SIRIT CORP.	BRAZIL	AVAILABLE		RADIO FREQUENCY TAGS	
				DETERMINING SPEEDS OF	
SIRIT CORP.		1481/MUMNP/		RADIO FREQUENCY TAGS	
	INDIA	2011			
	PHILIPPIN			DETERMINING SPEEDS OF	
SIRIT CORP.	ES	1-2011-501387		RADIO FREQUENCY TAGS	
	THAILAN			DETERMINING SPEEDS OF	
SIRIT CORP.	D	1101001082		RADIO FREQUENCY TAGS	
		1101001002		DETERMINING SPEEDS OF	
SIRIT CORP.	VIETNAM	1-2011-02030		RADIO FREQUENCY TAGS	
Shirt Cold.	VIBITUIN	NOT YET		SWITCHING RADIO	
SIRIT CORP.		AVAILABLE		FREQUENCY	
· ·		11 VI HELLEDEE		IDENTIFICATION (RFDI)	
	BRAZIL			TAGS	
	Did iziz	NOT YET		SWITCHING RADIO	
SIRIT CORP.		AVAILABLE		FREQUENCY	
sidi codi.		TIVINDINDEE		IDENTIFICATION (RFDI)	
	INDIA			TAGS	
	11,12,11,1	NOT YET		SWITCHING RADIO	
SIRIT CORP.		AVAILABLE		FREQUENCY	
JIMI COM.				IDENTIFICATION (RFDI)	
	MEXICO			TAGS	
				SWITCHING RADIO	
SIRIT CORP.		1101003500		FREQUENCY	
SIGI COR.	THAILAN	1101005500		IDENTIFICATION (RFDI)	
	D			TAGS	
				DETECTING MULTIPLE	
SIRIT CORP.		12/835,664		SIGNALS FROM RFDI	
Janua Cold.	U.S.A.	12/055,004		TAGS	

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RECORDED: 04/26/2013