

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BFS Diversified Products, LLC	11/03/2011

RECEIVING PARTY DATA

Name:	Firestone Industrial Products Company, LLC
Street Address:	250 West 96th Street
City:	Indianapolis
State/Country:	INDIANA
Postal Code:	46260

PROPERTY NUMBERS Total: 82

Property Type	Number
Patent Number:	D488168
Patent Number:	7959138
Patent Number:	7959137
Patent Number:	7959136
Patent Number:	7896320
Patent Number:	7806391
Patent Number:	7733239
Patent Number:	7644943
Patent Number:	7641182
Patent Number:	7621538
Patent Number:	7614630
Patent Number:	7614615
Patent Number:	7543804
Patent Number:	7532110
Patent Number:	7530554

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Patent Number:	7506881
Patent Number:	7500659
Patent Number:	7497423
Patent Number:	7497422
Patent Number:	7490817
Patent Number:	7420462
Patent Number:	7410549
Patent Number:	7404547
Patent Number:	7398668
Patent Number:	7380799
Patent Number:	7364144
Patent Number:	7328887
Patent Number:	7325794
Patent Number:	7284644
Patent Number:	7270317
Patent Number:	7244324
Patent Number:	7226045
Patent Number:	6942201
Patent Number:	6918980
Patent Number:	6845973
Patent Number:	6746004
Patent Number:	6719279
Patent Number:	6698730
Patent Number:	6691989
Patent Number:	6679485
Patent Number:	6637733
Patent Number:	6619635
Patent Number:	6612223
Patent Number:	6513798
Patent Number:	6513418
Patent Number:	6474630
Patent Number:	6460662
Patent Number:	6439550
Patent Number:	6386524
Patent Number:	6361028

	6352143
Patent Number:	6318521
Patent Number:	6250613
Patent Number:	6216833
Patent Number:	6199837
Patent Number:	6145894
Patent Number:	6129812
Patent Number:	6113081
Patent Number:	6109598
Patent Number:	6070861
Patent Number:	6036180
Patent Number:	6036179
Patent Number:	5941510
Patent Number:	5941509
Patent Number:	5707045
Patent Number:	5468140
Patent Number:	5460354
Patent Number:	5413316
Application Number:	13003234
Application Number:	12166868
Application Number:	12133578
Application Number:	11850991
Application Number:	12201804
Application Number:	11805030
Application Number:	12055849
Application Number:	12026289
Application Number:	11650819
Application Number:	11598710
Application Number:	11294208
Application Number:	11137812
Application Number:	10959441
Application Number:	10214872

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:

VARIOUS

NAME OF SUBMITTER:

Matthew P. Dugan

Total Attachments: 6

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ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged,

BFS DIVERSIFIED PRODUCTS, LLC
(a business entity of the State of Delaware)
250 West 96th Street
Indianapolis, Indiana 46260

(hereinafter referred to as "ASSIGNOR") hereby assigns, transfers and sets over to:

FIRESTONE INDUSTRIAL PRODUCTS COMPANY, LLC
(a business entity of the State of Indiana)
250 West 96th Street
Indianapolis, Indiana 46260

(hereinafter referred to as "ASSIGNEE"), the undivided, full, entire and exclusive right, title and interest of ASSIGNOR, for the United States and its territorial possessions and in all foreign countries, including all rights that claim priority, in the Inventions and to any and all improvements, modifications and additions thereto, including but not limited to the embodiments disclosed, described or otherwise suggested in the patents and patent applications listed in Appendix A (herein collectively referred to in their entirety as "the Inventions"), and

the entire right, title and interest in and to all Letters Patents that may be granted for the Inventions in the United States, its territorial possessions and all foreign countries, and in and to any and all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, and all other applications for Letters Patent relating thereto that have been or shall be filed in the United States, its territorial possessions and/or any foreign countries, and all rights in the Inventions, together with all priority rights, under any of the international conventions, unions, agreements, acts, and treaties, including all future conventions, unions, agreements, acts, and treaties;

to be held and enjoyed by ASSIGNEE and its successors and assigns as fully and entirely as the same would have been held by ASSIGNOR had this assignment not been made.

ASSIGNOR:
BFS DIVERSIFIED PRODUCTS, LLC

By: Jon Wood
Jon Wood

Title: Assistant Secretary

Date: November 3rd, 2011

ASSIGNEE:
FIRESTONE INDUSTRIAL PRODUCTS COMPANY, LLC

By: Jon Wood
Jon Wood

Title: Assistant Secretary

Date: November 3rd, 2011

APPENDIX A
to Patent Assignment:
BFS Diversified Products to Firestone Industrial Products

Docket No.	Patent/Serial No.	Title	Issue/Filing Date
9712 084	D488168	Air actuator	April 6, 2004
P08042US2A	13/003,234	Gas spring and gas damper assembly and method	July 9, 2009
P08035US1A	12/166,868	Gas spring piston with partial bellows support feature and gas spring assembly including same	July 2, 2008
P06116US1A	12/133,578	Gas spring assembly and spacer	June 5, 2008
P06057US1A	11/850,991	Air spring modular piston	September 6, 2007
P07061US2A	12/201,804	Gas Spring assembly and method of manufacture	August 29, 2008
P06023US1A	11/805,030	Gas suspension system and method	May 22, 2007
P07024US2A	12/055,849	Gas spring assembly and method	March 26, 2008
P07005US2A	12/026,289	Piston and gas spring assembly including same	February 5, 2008
P04005US1A	11/650,819	Reflector and gas spring assembly	January 8, 2007
P06019US1A	11/598,710	Air spring sleeve	November 14, 2006
P05030US1A	11/294,208	Compact, high-force air spring assembly and vehicle suspension system	December 5, 2005
P04056US1A	11/137,812	Air spring assembly with non-threaded connection	May 24, 2005
P03044US1A	10/959,441	Fluid suspension apparatus and method of manufacturing same	October 5, 2004
P00112US1A	10/214,872	Vehicle suspension system	August 7, 2002
P04056US2A	7959138	Air spring assembly with non-threaded connection	June 14, 2011
P04019US2A	7959137	Distance indicating system and method	June 14, 2011
P04106US2A	7959136	Sensing and communication system and method	June 14, 2011
P05010US1A	7896320	Jounce bumper assembly and gas spring assembly including same	March 1, 2011
P04057US2A	7806391	Self-indexing spacer for air spring assembly	October 5, 2010
P04006US1A	7733239	Distance determining system and method	June 8, 2010
P06041US2A	7644943	Gas spring assembly	January 12, 2010
P06061US1A	7641182	Rigid jounce bumper and gas spring assembly including same	January 5, 2010
P04090US2A	7621538	Air spring assembly with localized signal processing, system and method utilizing same, as well as operating module therefor	November 24, 2009
P05046US1A	7614630	Mounting bracket assembly and supplemental suspension system	November 10, 2009
P06046US1A	7614615	Directional stabilizer ring and fluid spring assembly including same	November 10, 2009

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P03065US2A	7543804	Fluid suspension member having grooved inlet	June 9, 2009
P05093US2A	7532110	Air spring distance indicating system and method	May 12, 2009
P06020US1A	7530554	Fluid spring assembly and method	May 12, 2009
P05063US1A	7506881	Protective curtain for vehicle suspension components	March 24, 2009
P05035US2A	7500659	Air spring assembly and method	March 10, 2009
P05103US1A	7497423	Extensible end member for gas spring assembly	March 3, 2009
P03087US1B	7497422	Air spring and hanging label assembly and method of assembling same	March 3, 2009
P04019US1A	7490817	Distance indicating system and method	February 17, 2009
P05093US1A	7420462	Air spring distance indicating system and method	September 2, 2008
P01002US4A	7410549	Turn-up device for making a molded body of an air spring for a vehicle wheel suspension for a lift axle	August 12, 2008
P05053US1A	7404547	Multi-component end member assembly and air spring assembly including the same	July 29, 2008
P04062US1A	7398668	Weight sensing system and method for vehicles with non-fluid springs	July 15, 2008
P03099US2A	7380799	Adjustable vehicle suspension system with adjustable-rate air spring	June 3, 2008
P04106US1A	7364144	Sensing and communication system and method	April 29, 2008
P04057US1A	7328887	Self-indexing spacer for air spring assembly	February 12, 2008
P05020US1A	7325794	Air spring assembly and method	February 5, 2008
P05028US2A	7284644	Multiple load path air spring assembly	October 23, 2007
P03065US1A	7270317	Fluid suspension member having grooved inlet	September 18, 2007
P03087US1A	7244324	Air spring and hanging label assembly and method of assembling same	July 17, 2007
P00112US2A	7226045	Vehicle suspension system	June 5, 2007
P01058US1A	6942201	Volume reducing bead plate for air spring	September 13, 2005
P01002US3A	6918980	Turn-up device for making a molded body of an air spring for a vehicle wheel suspension or a lift axle	July 19, 2005
P01059US2A	6845973	Air spring with restraining cylinder	January 25, 2005
P01073US2A	6746004	Vehicle air spring assembly	June 8, 2004
P01044US1A	6719279	Air spring sleeve	April 13, 2004

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9210 071	6698730	Dual rate air spring	March 2, 2004
P02008US1A	6691989	Variable rate air spring assembly	February 17, 2004
P99030US5A	6679485	Integrated air spring	January 20, 2004
P01086US1A	6637733	Air spring with vibration isolation	October 28, 2003
P00118US1A	6619635	Air spring clamping assembly	September 16, 2003
P00117US1A	6612223	Pneumatic actuator	September 9, 2003
P99030US4A	6513798	Integral bracket and end mounting plate for air spring	February 4, 2003
9712 084	6513418	Air actuator	February 4, 2003
P00023US1A	6474630	Air spring swage assembly	November 5, 2002
P98120US2A	6460662	Externally guided damper	October 8, 2002
9610 053	6439550	Adhesive laminate and method of securing a rubber air spring to a fixturing sleeve	August 27, 2002
9903 025	6386524	Pedestal mounted full reservoir air spring piston	May 14, 2002
9807 075	6361028	Solid girdle hoop for an air spring and method of assembly	March 26, 2002
P99005US1A	6352143	Vibration damping system using a hydraulic damper with a field responsive fluid control	March 5, 2002
P98120US1A	6318521	Externally guided ER damper	November 20, 2001
P99012US1A	6250613	Non-metallic spacer for air spring assembly	June 26, 2001
9901 002	6216833	Vibration damper and method of making same	April 17, 2001
9105 046	6199837	Thermoplastic elastomer air spring	March 13, 2001
9804 015	6145894	Push-pull connector and air spring-combination	November 14, 2000
P97002US2A	6129812	Abrasion-resistant elastomeric member of a tire-building drum	October 10, 2000
P97071US1A	6113081	Snap-on bumper for air spring	September 5, 2000
9710 065	6109598	Air spring bumper utilizing a combination of materials	August 29, 2000
9403 019	6070861	Bumper extension for use with a bumper on an air spring	June 6, 2000
9402 009	6036180	Tear-drop shaped clamp assembly and tapered end cap for an air spring	March 14, 2000
9706 039	6036179	Air spring containing an active device and a suspension assembly and method using	March 14, 2000
9711 076	5941510	Metal/elastomeric bumper for air springs	August 24, 1999
9610 056	5941509	Clamp assembly for air actuator	August 24, 1999

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9405 032	5707045	Air spring system having an integral height sensor	January 13, 1998
9105 044	5468140	Tapered airsleeve curing press	November 21, 1995
9305 028	5460354	Clamp assembly for air spring	October 24, 1995
9305 027	5413316	Adjustable rate air spring	May 9, 1995
9303 009	5374037	Clamp ring assembly for air spring	December 20, 1994
9102 013	5342139	Snap mounted attachment device	August 30, 1994
8904 018	5326082	Self locking, snap mounted attachment device	July 5, 1994
9112 106	5244717	Tire fabric with polyester/high wet modulus rayon filling	September 14, 1993
9107 059	5201624	One-piece fastener anchor	April 13, 1993
9006 042	5201500	Snap-on bumper for air spring	April 13, 1993
9010 098	5201499	Fabric reinforced stiffener for air springs	April 13, 1993
8909 047	5169129	Variable rate air spring suspension system	December 8, 1992
8408 077	5104477	Elastomeric structures having controlled surface release characteristics	April 14, 1992
8510 071	5009401	Air spring suspension system with dual path isolation	April 23, 1991
8705 044	4951892	Server system for rubberized sheets	August 28, 1990
8803 018	4946144	External clamping band for air spring	August 7, 1990
8710 070	4899995	Clamp ring assembly for air spring	February 13, 1990
P84077US1A	4853069	Elastomeric structures having controlled surface release characteristics	August 1, 1989
8811 063	4852861	End cap assembly for air spring	August 1, 1989
8607 057	4844429	Die spring construction	July 4, 1989
8601 002	4798369	Ultrasonic air spring system	January 17, 1989
8703 023	4796870	Suspension system for vehicles containing combination isolator mount and air spring closure	January 10, 1989
8604 038	4794669	Elastomeric hinge spring	January 3, 1989
8512 081	4793598	Air spring having internal sealing band and method of installing same	December 27, 1988
8604 037	4787608	Nylon bead reinforcement ring for fluid pressure devices	November 29, 1988
8705 040	4787607	Air spring having internal sealing band and method of installing same	November 29, 1988

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8511 079	4787606	Beadless air spring	November 29, 1988
8702 018	4784376	End cap assembly for air spring	November 15, 1988
8608 063	4762308	Damping valve for air spring suspension systems	August 9, 1988
8508 058	4718650	Air spring for vehicle	January 12, 1988
8510 069	4712776	Air spring suspension system	December 15, 1987
P83017US1A	4623162	Dual trailing arm vehicle suspension system	November 18, 1986
P82014US1A	4564177	Clamp for non-beaded pneumatic assemblies	January 14, 1986
P81084US2A	4493631	Apparatus for producing variable-rate spring	January 15, 1985