

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	RELEASE BY SECURED PARTY
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Goldman Sachs Credit Partners, LP	12/31/2007
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	EaglePicher Corporation (f/k/a New EaglePicher Corporation)
<b>Street Address:</b>	2424 John Daly Road
<b>City:</b>	Inkster
<b>State/Country:</b>	MICHIGAN
<b>Postal Code:</b>	48141
<b>Name:</b>	Hillsdale Automotive, LLC
<b>Street Address:</b>	2424 John Daly Road
<b>City:</b>	Inkster
<b>State/Country:</b>	MICHIGAN
<b>Postal Code:</b>	48141
<b>Name:</b>	EaglePicher Technologies, LLC (f/k/a New EaglePicher Technologies, LLC)
<b>Street Address:</b>	C and Porter Streets
<b>City:</b>	Joplin
<b>State/Country:</b>	MISSOURI
<b>Postal Code:</b>	64802
<b>Name:</b>	Wolverine Advanced Materials, LLC
<b>Street Address:</b>	2638 Princess Street
<b>City:</b>	Inkster
<b>State/Country:</b>	MICHIGAN
<b>Postal Code:</b>	48141
<b>Name:</b>	EaglePicher Management Company
<b>Street Address:</b>	2424 John Daly Road

CH \$1360.00 5878374

City:	Inkster
State/Country:	MICHIGAN
Postal Code:	48141

PROPERTY NUMBERS Total: 34

Property Type	Number
Patent Number:	5878374
Patent Number:	6386836
Patent Number:	6358349
Patent Number:	7000745
Patent Number:	6875113
Application Number:	10657954
Application Number:	10877711
Application Number:	10907013
Application Number:	11425924
Patent Number:	4894299
Application Number:	11162061
Application Number:	11163667
Application Number:	11163668
Application Number:	11163669
Application Number:	60743229
Patent Number:	5257463
Patent Number:	5518833
Patent Number:	5464701
Patent Number:	D367255
Patent Number:	4979632
Patent Number:	5840953
Patent Number:	6475662
Patent Number:	6193871
Patent Number:	6016048
Patent Number:	6146601
Patent Number:	6376944
Patent Number:	6518726
Application Number:	10924000
Patent Number:	6624441

Patent Number:	6756766
Application Number:	10792242
PCT Number:	US0503657
Application Number:	10792367
Application Number:	29214982

**CORRESPONDENCE DATA**

Fax Number: (949)451-4220  
*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*  
Phone: 949-451-3800  
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Correspondent Name: David A. Segal  
Address Line 1: 3161 Michelson Drive  
Address Line 4: Irvine, CALIFORNIA 92612

ATTORNEY DOCKET NUMBER:	19839-00008
NAME OF SUBMITTER:	David A. Segal

**Total Attachments: 14**  
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## RELEASE OF SECURITY INTEREST IN PATENTS

This RELEASE OF SECURITY INTEREST IN PATENTS (this "Release") is given as of this 31st day of December, 2007 by Goldman Sachs Credit Partners, L.P., as Collateral Agent for the Secured Parties ("Releasor"), in favor of EaglePicher Corporation (f/k/a New EaglePicher Corporation), Hillsdale Automotive, LLC, EaglePicher Technologies, LLC (f/k/a New EaglePicher Technologies, LLC), Wolverine Advanced Materials, LLC, and EaglePicher Management Company (collectively, "Releasee"). Capitalized terms not otherwise defined herein have the meanings set forth (or incorporated) in the Patent Security Agreement (as defined below).

WHEREAS, pursuant to the Patent Security Agreement, dated as of July 31, 2006, between Releasee and other Grantors on the one hand, and Releasor on the other hand (the "Patent Security Agreement"), to secure the payment of the Obligations of Releasee, Releasee granted to Releasor for the ratable benefit of the Secured Parties a security interest in and to, inter alia, (i) all of Releasee's right, title and interest in and to, the patents and patent licences set forth in Schedule A hereto (the "Patents"), (ii) all goodwill associated with such Patents, and (iii) all Proceeds of the foregoing (collectively, and together with the related goodwill and Patents, the "Patent Collateral");

WHEREAS, the Patent Security Agreement was recorded in the United States Patent and Trademark Office on August 7, 2006 at Reel 018061/Frame 0255; and

WHEREAS, Releasor has agreed to release and discharge fully its security interest in the Patent Collateral and assign, transfer, and grant all of its right, title and interest in the Patent Collateral to Releasee.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Releasor hereby releases its security interest in the Patent Collateral and revests Releasee with full right, title, and interest in, to, and under the Patent Collateral.

1. Release. The Releasor, on behalf of itself and the other parties it represents as Collateral Agent for the Secured parties, their successors, legal representatives and assigns, hereby terminates, fully discharges and releases in its entirety its security interest in and to the Patent Collateral. Releasor hereby reassigns any and all such right, title and interest that it may have in the Patent Collateral to Releasee.

2. Further Assurance. The Releasor hereby agrees to, at the sole expense of the Releasee (except that such expense shall not include time worked by Releasor personnel in connection with this Release after this Release is filed with the US Patent and Trademark Office), duly execute, acknowledge, procure and deliver any further documents, including, but not limited to, those documents necessary under the rules of the US Patent and Trademark Office and Article 9 of the Uniform Commercial Code or other applicable law, and to do such other acts as may be reasonably necessary upon request of the Releasee (or its assignees or designees) to effect the release of the security interest contemplated hereby and to confirm this Release and Releasee's (or its assignee's) right, title and interest in and to the Patent Collateral.

[signature pages follow]

IN WITNESS WHEREOF, Releasor has caused this Release to be duly executed as of the date above first written.

RELEASOR  
GOLDMAN SACHS CREDIT PARTNERS L.P., as  
Collateral Agent

By:   
Name:  
Title:

Douglas Tansley  
Authorized Signatory

SCHEDULE A

see attached

**FORMER  
EAGLEPICHER FILTRATION & MINERALS, INC.  
PATENTS**

NEWYORK/55700.6  
15782.00104

**PATENT  
REEL: 020478 FRAME: 0663**

**INVENTOR/TITLE**

Buchanan, Thomas A.; Lenz, Peter E.  
Computer-Controlled Electromechanical Device for  
Determining Filtration Parameters of a Filter Aid

**COUNTRY/  
CODE**

**MATTER**  
United States  
MIN 05

**SERIAL NO./  
FILE DATE**

08/826,890  
04/10/1997

**PATENT  
NO./**

**ISSUE  
DATE**  
5,878,374  
03/02/1999

**EXPIRATION  
DATE**

04/10/2017

**POST-EXIT OWNER**

EaglePicher Filtration &  
Minerals, LLC

**PATENT**

**REEL: 020478 FRAME: 0664**

NEWYORK/55700.6  
15782.00104



**FORMER  
EAGLEPICHER AUTOMOTIVE, INC.  
PATENTS**

**PATENT**  
**REEL: 020478 FRAME: 0665**

NEWYORK/55700.6  
15782.00104

INVENTOR/TITLE	COUNTRY/CODE MATTER	SERIAL NO./FILE DATE	PATENT NO./ISSUE DATE	EXPIRATION DATE	POST-EXIT OWNER
Johnson, Stephen D. Dual Gerotor Pump for Use with Automatic Transmission	United States EPH 26	09/488,319 01/20/2000	6,386,836 05/14/2002	01/20/2020	Hillsdale Automotive, LLC
Christenson, Bruce; Veselica, Gary Method to Improve Adhesion Between Pre-cured Elastomer and Metal Surface	United States EPH 27	09/345,977 07/01/1999	6,358,349 03/19/2002	07/01/2019	Hillsdale Automotive, LLC
Christenson, Bruce; Veselica, Gary Method to Improve Adhesion Between Pre-Cured Elastomer and Metal Surface	United States EPH 27D	10/057,474 01/25/2002	7,000,745 2/21/2006	01/25/2022	Hillsdale Automotive, LLC
Nichols, Jeffrey W. Torsional Vibration Damper	United States EPH 33	09/963,774 09/26/2001	6,875,113 4/5/2005	9/26/2021	Hillsdale Automotive, LLC
Crissy, Michael Coupling Structure Mountable to a Rotatable Shaft	United States EPH 35	10/657,954 09/09/2003	2005/0050985 3/10/2005		Hillsdale Automotive, LLC
Zabonick, Jerry; Hawkins, Scott Balance Shaft	United States EPH 44	10/877,711 06/25/2004			Hillsdale Automotive, LLC
Manzoor, S.; Zabonick, J. System & method for facilitating the design of a vibration control device	United States	10/907,013 3/16/2005 (priority date 3/16/2004) (pending)			Hillsdale Automotive, LLC
Manzoor, S.; Christenson, B. Torsional vibration damper	United States	11/425,924 6/22/2006			Hillsdale Automotive, LLC

**FORMER  
EAGLEPICHER TECHNOLOGIES LLC  
PATENTS**

NEWYORK/55700.6  
15782.00104

**PATENT  
REEL: 020478 FRAME: 0667**

INVENTOR/TITLE	COUNTRY/ CODE MATTER	SERIAL NO./ FILE DATE	PATENT NO./ ISSUE DATE	EXPIRATION DATE	POST-EXIT OWNER
Carr, Dennis D. Support Assembly For Cells Of A Second Battery	Canada EPE	500,980 02/03/1986	1,263,438 11/28/1989	11/28/2006	New EaglePicher Technologies, LLC
Cupp, Earl B. Improved Lithium Alloy Anode For Thermal Cells	Canada EPE	510,218 05/28/1986	1,266,880 03/20/1990	03/20/2007	New EaglePicher Technologies, LLC
Morse, Elliott M. Cell Having A Dome-Shaped Solid Ceramic Electrolyte	United States EPE 23	07/279,035 12/02/1988	4,894,299 01/16/1990	12/02/2008	New EaglePicher Technologies, LLC
Hart, M; Qualls, T., Studyvin, W. System & method for nondestructive testing of thermal batteries	United States	11/162,061 8/26/2005 (priority date 8/31/2004)			New EaglePicher Technologies, LLC
Studyvin, W.; Coatney, E.; Pennock, T.; Miller, G.; Shimp, P. Method & apparatus for cell equalization with charging sources and shunt regulators	United States	11/163,667 10/26/2005 (priority date 11/10/2004)			New EaglePicher Technologies, LLC
Studyvin, W.; Coatney, E.; Pennock, T.; Miller, G.; Shimp, P. Method & apparatus for cell equalization with isolated charging sources	United States	11/163,668 10/26/2005 (priority date 11/10/2004)			New EaglePicher Technologies, LLC
Studyvin, W.; Coatney, E.; Pennock, T.; Miller, G.; Shimp, P. Method & apparatus for cell equalization with switched charging sources	United States	11/163,669 10/26/2005 (priority date 11/10/2004)			New EaglePicher Technologies, LLC
Dixon, G. et al System & Method for manufacturing a thermal battery	United States	60/743,229 2/3/2006 (non-provisional application being prepared)			New EaglePicher Technologies, LLC
Wheeler, James R.; Girard, Steven L.; Richardson, Randal C. Method And Apparatus for Cooling Or Heating Battery Cells During Electrical Testing	United States EPE 39	07/878,628 05/05/1992	5,257,463 11/02/1993	05/05/2012	New EaglePicher Technologies, LLC

NEWYORK/55700.6  
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INVENTOR/TITLE	COUNTRY/ CODE MATTER	SERIAL NO./ FILE DATE	PATENT NO./ ISSUE DATE	EXPIRATION DATE	POST-EXIT OWNER
Wheeler, James R.; Girard, Steven L.; Richardson, Randal C. Method And Apparatus for Cooling Or Heating Battery Cells During Electrical Testing	France EPE 43	9305388 05/05/1993	9305388 04/26/1996	05/05/2013	New EaglePicher Technologies, LLC
Wheeler, James R.; Girard, Steven L.; Richardson, Randal C. Method and Apparatus for Cooling Or Heating Battery Cells During Electrical Testing	Netherlands EPE 44	9300770 05/05/1993	194816 03/04/2003	05/05/2013	New EaglePicher Technologies, LLC
Reppinger, Ronald S.; Coates, Dwaine K. Nonwoven Electrode Construction	United States EPE 47	08/248,868 05/24/1994	5,518,833 05/21/1996	05/24/2014	New EaglePicher Technologies, LLC
Rey, Gonzalo C. Leakproof, Valve Regulated, Maintenance-Free Lead Acid Battery	United States EPE 58	08/387,300 02/27/1995	5,464,701 11/07/1995	02/27/2015	New EaglePicher Technologies, LLC
Rey, Gonzalo C. Battery	United States EPE 60	29/035,398 02/27/1995	D367,255 02/20/1996	02/20/2010	New EaglePicher Technologies, LLC
Rey, Gonzalo C. Leakproof, Valve Regulated, Maintenance-Free Lead Acid Battery	Great Britain EPE 62GB	9717135.9 08/15/1995	2313950B 10/07/1998	08/15/2015	New EaglePicher Technologies, LLC
Rey, Gonzalo C. Leakproof, Valve Regulated, Maintenance-Free Lead Acid Battery	Mexico EPE 62MX	976517 08/27/1995	193272 09/02/1999	08/27/2015	New EaglePicher Technologies, LLC
Rey, Gonzalo C. Leakproof, Valve Regulated, Maintenance-Free Lead Acid Battery	India EPE 63	1565/DEL/1995 08/22/1995			New EaglePicher Technologies, LLC
Lee, John T. M. Portable Vessel For The Safe Storage Of Explosives	United States EPI	520,983 05/09/1990	4,979,632 12/25/1990	05/09/2010	New EaglePicher Technologies, LLC
Potts, Thomas M. Purified Tetraethoxysilane And Method Of Purifying	United States EPSM 31	08/558,682 11/16/1995	5,840,953 11/24/1998	11/16/2015	New EaglePicher Technologies, LLC

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15782.00104

INVENTOR/TITLE	COUNTRY/ CODE MATTER	SERIAL NO./ FILE DATE	PATENT NO./ ISSUE DATE	EXPIRATION DATE	POST-EXIT OWNER
Potts, Thomas M. Purified Tetraethoxysilane And Method Of Purifying	Japan EPSM 34JP	518981/97 11/14/1996			New EaglePicher Technologies, LLC
Spencer, Richard D. Thermal Battery	United States EPTD 04	09/587,444 06/06/2000	6,475,662 11/05/2002	06/06/2020	New EaglePicher Technologies, LLC
Spencer, Richard D. Improved Performance Thermal Battery	China P.R. EPTD 04CN	01115966.9 06/05/2001	ZL01115966.9 8/3/2005	06/05/2021	New EaglePicher Technologies, LLC
Spencer, Richard D. Improved Performance Thermal Battery	European Patent Conv EPTD 04EP	01304767.5 05/31/2001		Pending	New EaglePicher Technologies, LLC
Spencer, Richard D. Improved Performance Thermal Battery	Israel EPTD 04IL	143480 05/31/2001			New EaglePicher Technologies, LLC
Spencer, Richard D. Improved Performance Thermal Battery	Japan EPTD 04JP	2001-169349 06/05/2001			New EaglePicher Technologies, LLC
Spencer, Richard D. Improved Performance Thermal Battery	Taiwan EPTD 04TW	90113610 06/05/2001	NF-163312 01/28/2003	06/04/2021	New EaglePicher Technologies, LLC
Coates, Dwaine K.; Chaipetti, Dennis P. Process Of Forming a Nickel Electrode	United States EPTD 15	09/208,132 12/09/1998	6,193,871 02/27/2001	12/09/2018	New EaglePicher Technologies, LLC
Davidson, Chris R. Temperature Compensated Battery Charger System	United States EPTD 20	09/109,961 07/02/1998	6,016,048 01/18/2000	07/02/2017	New EaglePicher Technologies, LLC
Abesadze, Temiuraz; Saunders, W. Ed.; Wachs, Marvin; Manning, Dennis K. Enrichment of Silicon or Germanium Isotopes	United States EPTD 24A	09/428,373 10/28/1999	6,146,601 11/14/2000	10/28/2019	EaglePicher Boron, LLC
Grizzle, Joseph H., Jr.; Whitman, Donald R.; Harmor, Thomas R. Electical Power Generator	United States EPTD 28	09/613,890 07/11/2000	6,376,944 04/23/2002	07/11/2020	New EaglePicher Technologies, LLC

NEWYORK/55700.6  
15782.00104

INVENTOR/TITLE	COUNTRY/ CODE MATTER	SERIAL NO./ FILE DATE	PATENT NO./ ISSUE DATE	EXPIRATION DATE	POST-EXIT OWNER
Nowlin, Ronald D. Jr.; Throneberry, Heath; McCrokde, Donnie M.; Hathaway, Steven E. Battery Charger and Charge Control System Peabody, Mark John Reserve Battery With Set Back Mechanism For Delayed Battery Activation	United States EPTD 41	10/051,402 01/18/2002	6,518,726 02/11/2003	01/18/2022	New EaglePicher Technologies, LLC
	United States EPTD 42R	10/924,000 08/23/2004	2006/0040174 2/23/2006		New EaglePicher Technologies, LLC
Cantwell, Henry E.; Eason, David B. Homoeptaxial Layers of P-Type Zinc Oxide and the Fabrication Thereof	United States EPTD 45	10/071,044 02/07/2002	6,624,441 09/23/2003	02/07/2022	New EaglePicher Technologies, LLC
Miller, David L. Autoclavable Battery Pack	United States EPTD 48R	10/287,727 11/04/2002	6,756,766 06/29/2004	11/04/2022	New EaglePicher Technologies, LLC
Brand, Christo Anode Design for a Prismaticly Wound LiMnO2 Cell	United States EPTD 52	10/792,242 03/03/2004	2005/0196667 9/8/2005		New EaglePicher Technologies, LLC
Brand, Christo Anode Design for a Prismaticly Wound LiMnO2 Cell	Canada EPTD 52CA	2,496,260 2/9/2005	FILED		New EaglePicher Technologies, LLC
Brand, Christo Anode Design for a Prismaticly Wound LiMnO2 Cell	Patent Cooperation Treaty EPTD 52WO	PCT/US2005/003657 02/07/2005	FILED		New EaglePicher Technologies, LLC
Gileff, Mike; Brule, Maurice Battery with Complete Discharge Device	United States EPTD 57R	10/792,367 03/03/2004	2005/0194927 9/8/2005		New EaglePicher Technologies, LLC
Gileff, Mike; Brule, Maurice Battery With Complete Discharge Device	European Patent Convention	04785223.1 9/29/2004			New EaglePicher Technologies, LLC

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15782.00104

**FORMER  
EAGLEPICHER INCORPORATED  
PATENTS**

NEWYORK/55700.6  
15782.00104

**PATENT**  
**REEL: 020478 FRAME: 0672**



<b>INVENTOR/TITLE</b>	<b>COUNTRY/ CODE MATTER</b>	<b>SERIAL NO./ FILE DATE</b>	<b>PATENT NO./ ISSUE DATE</b>	<b>EXPIRATION DATE</b>	<b>POST-EXIT OWNER</b>
Markle, Richard A. Heat Curable Solventless Liquid Prepolymer And Novel Monomer Prepared From N-2 (Hydroxyalkyl Phtalimide)	Canada EPI	533,073 03/26/1987	1,229,090 11/10/1987	03/26/2007	Wolverine Advanced Materials, LLC
Shemer, Steve; Sheikh, Ayaz Chrome brake noise insulator shimm	United States	29/214,982 10/12/2004 (pending)		Design Patent (not published)	Wolverine Advanced Materials, LLC