

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	Release of Third Lien Patent Security Agreement recorded at Reel 017025/Frame 0938
CONVEYING PARTY DATA	
Name	Execution Date
Obsidian, LLC	09/20/2010
RECEIVING PARTY DATA	
Name:	EaglePicher Incorporated
Street Address:	5850 Mercury Drive, Suite 250
City:	Dearborn
State/Country:	MICHIGAN
Postal Code:	48126
PROPERTY NUMBERS Total: 46	
Property Type	Number
Patent Number:	5878374
Patent Number:	4663819
Patent Number:	6386836
Patent Number:	6358349
Application Number:	10057474
Application Number:	09963774
Application Number:	10657954
Application Number:	10877711
Patent Number:	4554056
Patent Number:	5071652
Patent Number:	5262252
Patent Number:	5304435
Patent Number:	4923769
Patent Number:	4863484

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PATENT
REEL: 025459 FRAME: 0234

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Patent Number:	5059496
Patent Number:	5082754
Patent Number:	5173377
Patent Number:	5264301
Patent Number:	5090612
Patent Number:	4626335
Patent Number:	4894299
Patent Number:	5257463
Patent Number:	5518833
Patent Number:	5464701
Patent Number:	D367255
Patent Number:	5173376
Patent Number:	5168017
Patent Number:	5162171
Patent Number:	4957830
Patent Number:	4979632
Patent Number:	4772296
Patent Number:	5840953
Patent Number:	5419887
Patent Number:	6475662
Patent Number:	6193871
Patent Number:	6016048
Patent Number:	6146601
Patent Number:	6376944
Patent Number:	6518726
Patent Number:	6624441
Patent Number:	6756766
Application Number:	10792242
PCT Number:	US0503657
Application Number:	10792367
PCT Number:	US0431874
Application Number:	10924000

CORRESPONDENCE DATA

Fax Number: (949)475-4754

PATENT
REEL: 025459 FRAME: 0235

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

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Email: skann@gibsondunn.com
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Address Line 1: 3161 Michelson Drive
Address Line 2: Gibson, Dunn & Crutcher LLP
Address Line 4: Irvine, CALIFORNIA 92612

ATTORNEY DOCKET NUMBER:	26565-00011
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NAME OF SUBMITTER:	Stephanie S. Kann
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Total Attachments: 16

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RELEASE OF THIRD LIEN PATENT SECURITY AGREEMENT

RELEASE OF THIRD LIEN PATENT SECURITY AGREEMENT, dated as of September 20, 2010, by OBSIDIAN, LLC, as Collateral Agent (as defined below) for the benefit of the Secured Parties (as defined below) in connection with the Third Lien Super-Priority Debtor in Possession and Exit Credit and Guaranty Agreement, dated as of December 30, 2005 (as amended, restated, amended and restated, supplemented or otherwise modified and in effect from time to time, the "Credit Agreement") by and among EAGLEPICHER INCORPORATED, a Delaware corporation (the "Borrower"), the LENDERS PARTY THERETO FROM TIME TO TIME (the "Lenders") and OBSIDIAN, LLC, as Administrative Agent (in such capacity, the "Administrative Agent") and as Collateral Agent (in such capacity, the "Collateral Agent"). Capitalized terms used herein without definition shall have the meanings ascribed to such terms in the Patent Security Agreement (as defined below).

WHEREAS, the Grantors and the Collateral Agent entered into that certain Third Lien Patent Security Agreement dated as of December 30, 2005 (the "Patent Security Agreement"), which Patent Security Agreement was recorded with the United States Patent and Trademark Office at Reel 017025, Frame 0938 on January 18, 2006; and

WHEREAS, pursuant to the Patent Security Agreement, the Grantors mortgaged, pledged and hypothecated to the Collateral Agent, for the benefit of the Secured Parties, and granted to the Collateral Agent for the benefit of the Secured Parties a lien on and security interest in, all of the Patent Collateral as collateral security for the full, prompt and complete payment and performance of the Secured Obligations.

The Collateral Agent, on behalf of the Secured Parties and in connection with the termination of all obligations and liabilities of the Borrower under the Credit Agreement pursuant to the Order confirming the Second Amended Joint Plan of Reorganization of EaglePicher Holdings, Inc., *et al.*, entered June 28, 2006 by the United States Bankruptcy Court for the Southern District of Ohio, Western Division, has agreed (i) to terminate and release all its security interest and all its right, title and interest in, to and under the Patent Collateral, including, without limitation, those items identified on Exhibit A attached hereto, all reissues, continuations or continuations-in-part of the foregoing and all Proceeds of the foregoing, including, without limitation, any claim by a Grantor against third parties for past, present or future infringement of any Patent Collateral (collectively, the "Released Patents"), each of such Released Patents being owned by and registered in the name of such Grantor that granted a security interest therein to the Collateral Agent pursuant to the Patent Security Agreement and (ii) to assign and transfer to each such Grantor all deeds, assignments and other instruments as may be necessary or proper to reassign, reconvey and re-vest in such Grantor the entire right, title and interest in such Released Patent, as herein provided;

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Collateral Agent, on behalf of the Secured Parties, hereby releases the Grantors from the Patent Security Agreement and assigns and transfers to each Grantor, without representation, warranty or recourse, all of the Collateral Agent's right, title and interest in and to

each of the Released Patents in which such Grantor granted a security interest to the Collateral Agent pursuant to the Patent Security Agreement, effective as of the date set forth above.

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OBSIDIAN, LLC, as Collateral Agent

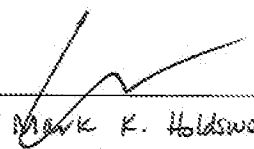
By: 
 Name: Mark K. Holdsworth
 Title: Authorized Person

Exhibit A

Patent Schedule – Release of Third Lien Patent Security Agreement recorded at
Reel 017025/Frame 0938

EAGLEPICHER FILTRATION & MINERALS, INC.

INVENTOR TITLE	COUNTRY CODE/MATTER	SERIAL NO. FILE DATE	PATENT NO. ISSUE DATE	EXPIRATION D.
Buchanan, Thomas A. Computer Controlled Electromechanical Device for Determining Filtration Parameters of a Filter Aide	United States MIN 05	08/826,890 04/10/1997	5,878,374 03/02/1999	04/10/2017

NY2:1160059603YB1003:DOC71606.0015 5
CHV813868.1 EaglePicher -- Third Lien Patent Security Agreement

EAGLEPICHER AUTOMOTIVE, INC.

INVENTOR TITLE	COUNTRY CODE/MATTER	SERIAL NO. FILE DATE	PATENT NO. ISSUE DATE	EXPIRATION DAT
Traylor, John W... Method of Mounting a Metal Yoke to a Composite Tube	United States EPH 01	794,4684 11/04/1985	4,663,819 05/12/1987	11/04/2005
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
Christenson, Bruce Method to Improve Adhesion Between Pre-Cured Elastomer and Metal Surface	United States EPH 27	09/345,977 04/18/1985	6,358,349 11/19/1985	07/01/2019
Christenson, Bruce Method to Improve Adhesion Between Pre-Cured Elastomer and Metal Surface	United States EPH 27D	10/057,474 01/25/2002		
Nichols, Jeffrey W. Torsional Vibration Damper	United States EPH 33	09/963,774 09/26/2002		
Crissy Michael Torsional Vibration Damper	United States EPH 35	10/657,954 09/09/2003		
Zabonick, Jerry Balance Shaft	United States EPH 44	10/877,711 06/25/2004		

NY2:11600596/03YB10031.DOC/1606.0015
CH813868.1 EaglePicher -- Third Lien Patent Security Agreement

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EAGLEPICHER TECHNOLOGIES LLC

INVENTOR TITLE	COUNTRY CODE/MATTER	SERIAL NO. FILE DATE	PATENT NO. ISSUE DATE	EXPIRATION I
Whitford, James C. Impregnation of Nickel Electrodes Using Electric PH Control Circuits	United States EPA	724,403 04/18/1985	4,554,056 11/19/1985	04/18/2005
Jones, Kenneth R. Metal Oxide Hydrogen Battery Having Improved Heat Transfer Properties	United States EPE	625,560 12/11/1990	5,071,652 12/10/1991	12/11/2010
Jones, Kenneth R. Welded Pressure Vessel for Metal Oxide-Hydrogen Battery Utilizing a Flexible Weld Ring	United States EPE	773,251 10/09/1991	5,262,252 11/16/1993	10/09/2011

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 CH813868.1 EaglePicher - Third Lien Patent Security Agreement
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INVENTOR TITLE	COUNTRY CODE/MATTER	SERIAL NO. FILE DATE	PATENT NO. ISSUE DATE	EXPIRATION DAT
Jones, Kenneth R. Pressure Vessel Construction for a Metal Oxide- Hydrogen Battery	United States EPE	927,072 08/07/1992	5,304,435 04/19/1994	08/07/2012
Jones, Kenneth R. Pressure Vessel Construction for a Metal Oxide- Hydrogen Battery	United States EPE	334,362 04/07/1989	4,923,769 05/08/1990	04/07/2009
Beauchamp, Richard Process for Producing Battery Electrodes by Electrochemical Reduction	United States EPE	141,931 01/04/1988	4,863,484 09/05/1989	01/04/2008
Sindorf, John F. Nickel-Hydrogen Battery with Oxygen and Electrolyte Management Features	United States EPE	328,117 03/23/1989	5,059,496 10/22/1991	03/23/2009

INVENTOR TITLE	COUNTRY CODE/MATTER	SERIAL NO. FILE DATE	PATENT NO. ISSUE DATE	EXPIRATION I
Jones, Kenneth R. Pressure Vessel Construction for a Metal Oxide- Hydrogen Battery	United States EPE	528,876 05/24/1990	5,082,754 01/21/1992	05/24/2010
Sindorf, John F. Apparatus for Electrically Connecting Cell Modules of a Metal Oxide-Hydrogen Battery	United States EPE	783,006 10/28/1991	5,173,377 12/22/1992	10/28/2011
Sindorf, John F. Metal Oxide-Hydrogen Battery Incorporating a Mechanism for Maintaining a Constant Pressure in the Battery	United States EPE	868,318 04/14/1992	5,264,301 11/23/1993	04/14/2012
Jones, Kenneth R. Method of Fabricating a Pressure Vessel for a Metal Oxide-Hydrogen Battery	United States EPE	655,555 02/13/1991	5,090,612 02/25/1992	02/13/2011
Cupp, Earl B. Lithium Alloy Anode for Thermal Cells	United States EPE 16	769,025 08/26/1985	4,626,335 12/02/1986	08/26/2005

NY2A16005961031VB10031.DOC 1606.0015
 CH813868.1 EaglePitcher -- Third Lien Patent Security Agreement
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INVENTOR TITLE	COUNTRY CODE/MATTER	SERIAL NO. FILE DATE	PATENT NO. ISSUE DATE	EXPIRATION I
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
Wheeler, James R. 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
Repplinger, Ronald S. Nonwoven Electrode Construction	United States EPE 47	08/248,868 05/24/1994	5,518,833 05/21/1996	05/24/2014

INVENTOR TITLE	COUNTRY CODE/MATTER	SERIAL NO. FILE DATE	PATENT NO. ISSUE DATE	EXPIRATION DATE
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
Rey, Gonzalo C. Battery	United States EPE 60	29/035,398 02/27/1995	D367,255 02/20/1996	02/20/2010
INVENTOR TITLE	COUNTRY CODE/MATTER	SERIAL NO. FILE DATE	PATENT NO. ISSUE DATE	EXPIRATION DATE
Page, Brian M. Metal Oxide-Hydrogen Battery Having Sealed Cell Modules with Electrolyte Containment & Hydrogen Venting	United States EPE 76US	783,005 10/28/1991	5,173,376 12/22/1992	10/28/2011
Jones, Kenneth R. Metal Oxide-Hydrogen Battery Having Rectangular Modules in a Cylindrical Pressure Vessel	United States EPE 82US	783,004 10/28/1991	5,168,017 12/01/1992	10/28/2011

INVENTOR TITLE	COUNTRY CODE/MATTER	SERIAL NO. FILE DATE	PATENT NO. ISSUE DATE	EXPIRATION I
Jones, Kenneth R. Metal Oxide Battery Having Cell Modules Extending Longitudinally of the Pressure Vessel	United States EPE 84US	783,152 10/28/1991	5,162,171 11/10/1992	10/28/2011
Jones, Kenneth R. Rechargeable Metal Oxide-Hydrogen Battery	United States EPE 86	334,361 04/07/1989	4,957,830 09/18/1990	04/07/2009
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
Potts, Thomas M. Method of Purifying and Depositing Group IIIa and Group Va Compounds to Produce Epitaxial Films	United States EPSM 03	07/049,590 05/12/1987	4,772,296 09/20/1988	05/12/2007
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
McCandless, Frank P. Separation Of The Isotopes Of	United States EPTD	08/186,309 01/25/1994	5,419,887 05/30/1995	01/25/2014

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 NY2:1600396031VB10031.DOCV71606.0015
 CH1813868.1 EaglePicher - Third Lien Patent Security Agreement

Boron By Chemical Exchange
Reactions

INVENTOR TITLE	COUNTRY CODE/MATTER	SERIAL NO. FILE DATE	PATENT NO. ISSUE DATE	EXPIRATION DAT
Spencer, Richard D. Thermal Battery	United States EPTD 04	09/587,444 06/06/2000	6,475,662 11/05/2002	06/06/2020
Coates, Dwaine K. 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
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
Abesadze, Temiuraz 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
Grizzle, Joseph H., Jr. Electrical Power Generator	United States EPTD 28	09/613,890 07/11/2000	6,376,944 04/23/2002	07/11/2020
Nowlin, Ronald D. Jr. Battery Charger and Charge Control System	United States EPTD 41	10/051,402 01/18/2002	6,518,726 02/11/2003	01/18/2022
Peabody, Mark John	United States	10/924,000		

NY2:1600596/03AYB10031.DOC71606.0015
CH813868.1 EaglePicher -- Third Lien Patent Security Agreement

Reserve Battery With Set Back
Mechanism For Delayed Battery
Activation EPTD 42R 08/23/2004

INVENTOR TITLE	COUNTRY CODE/MATTER	SERIAL NO. FILE DATE	PATENT NO. ISSUE DATE	EXPIRATION DAT
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Cantwell, Henry E.
Homoeptitaxial 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

Miller, David L.
Autoclavable Battery Pack

United States
EPTD 48R 10/287,727
11/04/2002 6,756,766
06/29/2004 12/13/2022

Brand, Christo
Anode Design for a
Prismatically Wound LiMnO2
Cell

United States
EPTD 52 10/792,242
03/03/2004

Brand, Christo
Anode Design for a
Prismatically Wound LiMnO2
Cell

Patent Cooperation T
EPTD 52WO US2005/003657
02/07/2005

Gileff, Mike
Battery with Complete
Discharge Device

United States
EPTD 57R 10/792,367
03/03/2004

Gileff, Mike
Battery With Complete
Discharge Device

Patent Cooperation T
EPTD 57WO US2004/031874
09/29/2004

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EAGLEPICHER INCORPORATED

INVENTOR TITLE	COUNTRY	SERIAL NO. CODE/MATTER	PATENT NO. FILE DATE	EXPIRATION DATE ISSUE DATE
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None

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