

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Mitchell H. Hetrich	05/11/2011
David J. Losos	05/11/2011
RECEIVING PARTY DATA	
Name:	Mine Safety Appliances Company
Street Address:	1000 Cranberry Woods Drive
City:	Cranberry Township
State/Country:	PENNSYLVANIA
Postal Code:	16066
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13103414
CORRESPONDENCE DATA	
Fax Number:	(412)945-5933
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	4124718815
Email:	assignments@webblaw.com
Correspondent Name:	Richard L. Byrne, The Webb Law Firm
Address Line 1:	420 Fort Duquesne Boulevard
Address Line 2:	One Gateway Center, Suite 1200
Address Line 4:	Pittsburgh, PENNSYLVANIA 15222
ATTORNEY DOCKET NUMBER:	2934-110643
NAME OF SUBMITTER:	Richard L. Byrne
Total Attachments: 4 source=recordationassignment110643#page1.tif source=recordationassignment110643#page2.tif source=recordationassignment110643#page3.tif source=recordationassignment110643#page4.tif	

OP \$40.00 13103414

**RECORDATION FORM COVER SHEET  
PATENTS ONLY**

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)**

Mitchell H. Hetrich  
David J. Losos

Additional name(s) of conveying party(ies) attached?  Yes  No

**2. Name and address of receiving party(ies)**

Name: Mine Safety Appliances Company

Internal Address: \_\_\_\_\_

Street Address: 1000 Cranberry Woods Drive

City: Cranberry Township

State: PA

Country: US Zip: 16066

Additional name(s) & address(es) attached?  Yes  No

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) May 11, 2011

- Assignment  Merger  
 Security Agreement  Change of Name  
 Joint Research Agreement  
 Government Interest Assignment  
 Executive Order 9424, Confirmatory License  
 Other \_\_\_\_\_

**4. Application or patent number(s):**

This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

13/103,414

Additional numbers attached?  Yes  No

**5. Name and address to whom correspondence concerning document should be mailed:**

Name: Richard L. Byrne

Internal Address: The Webb Law Firm

Street Address: One Gateway Center

420 Fort Duquesne Blvd., Suite 1200

City: Pittsburgh

State: PA Zip: 15222

Phone Number: 412-471-8815

Fax Number: 412-945-5933

Email Address: assignments@webblaw.com

**6. Total number of applications and patents involved: 1**

**7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00**

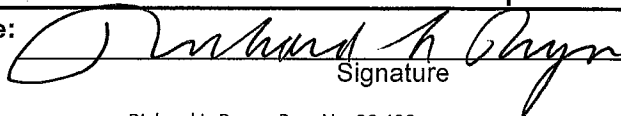
- Authorized to be charged to deposit account  
 Enclosed  
 None required (government interest not affecting title)

**8. Payment Information**

Deposit Account Number \_\_\_\_\_

Authorized User Name \_\_\_\_\_

**9. Signature:**

  
Signature

July 14, 2011

Date

Richard L. Byrne, Reg. No. 28,498  
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

4

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

DOMESTIC

Application No. 13/103,414  
Attorney Docket No. 2934-110643

**ASSIGNMENT**

WHEREAS, as a below named inventor, I have invented certain new and useful improvements in

FALL PROTECTION ARRANGEMENT

(Invention Title)

for which a United States Provisional Patent application was filed on 05/12/2010 (mm/dd/yyyy) and bears Application Number 61/333,984 (hereinafter "said application").

AND/OR

for which I have this day executed an application for a United States Patent (hereinafter "said application").

AND/OR

for which an application for a United States Patent was filed on 05/09/2011 (mm/dd/yyyy) and bears Application Number 13/103,414 (hereinafter "said application").

AND/OR

for which an international patent application was filed under the Patent Cooperation Treaty on \_\_\_\_\_ (mm/dd/yyyy), bearing Application No. \_\_\_\_\_ (hereinafter "said application").

AND, WHEREAS, Mine Safety Appliances Company, a corporation of the Commonwealth of Pennsylvania, having a place of business at 1000 Cranberry Woods Drive, Cranberry Township, PA 16066, hereinafter called the "assignee", is desirous of acquiring the entire right, title, and interest in and to said application and the inventions and improvements therein disclosed.

Inventions and improvements therein disclosed.

NOW, THEREFORE, for good and valuable consideration paid to me by said assignee, the receipt of which is hereby acknowledged, I as the inventor or as one of the inventors, hereinafter the assignor(s), do hereby assign, sell and transfer unto said assignee the full and exclusive right, title and interest in and to said application and the inventions and improvements therein disclosed for the United States and all foreign countries and any Letters Patent which may issue herefore in the United States and all foreign countries and all divisions, reissues, continuations, continuations-in-part, renewals and/or extensions thereof. Such assignment extends to the full ends of the terms of these applications and patents as fully and entirely as the same would have been held and enjoyed by me had this Assignment not been made.

I covenant that I am the lawful owner(s) of said application, inventions and improvements, that the same are unencumbered, that no license has been granted to make, use or vend the said inventions or improvements or any of them, and that I have the full right to make this Assignment.

And for the consideration aforesaid, I agree individually and, if applicable, jointly that I will communicate to said assignee or the representatives thereof any facts known to me

Application No. 13/103,414

Attorney Docket No. 2934-110643

respecting said inventions and improvements, and will, upon request but without expense to me, testify in any legal proceedings, sign all lawful papers, execute all divisional, reissue, continuation, continuation-in-part, renewal and/or extension applications, make all rightful oaths, and generally do all other and further lawful acts deemed necessary or expedient by said assignee or by counsel for said assignee to assist or enable said assignee to obtain and enforce full benefits from the rights and interests herein assigned. This Assignment shall be binding upon my heirs, executors, administrators and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors and/or assigns, as the case may be, of said assignee.

1. FULL NAME OF ASSIGNOR: Michael H. Hetrich RESIDENCE: Greenville, Pa

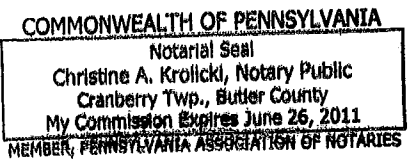
EXECUTED this 11<sup>th</sup> day of May, 2011 Michael H. Hetrich  
SIGNATURE

STATE of Pennsylvania )  
COUNTY of Butler )

On this 11<sup>th</sup> day of May, in the year 2011, before me Christine A. Krolicki  
DAY MONTH YEAR NOTARY PUBLIC NAME  
a notary public, personally appeared Michael H. Hetrich,  
NAME OF DOCUMENT SIGNER

proved on the basis of satisfactory evidence to be the person whose name is subscribed to this instrument, and acknowledged he/she executed the same. Witness my hand and official seal.

Christine A. Krolicki  
NOTARY PUBLIC



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Checked Box indicates 1 additional page(s) for inventor signatures.

DOMESTIC

Application No. 13/103,414

Attorney Docket No. 2934-110643

2. FULL NAME OF ASSIGNOR:

RESIDENCE:

David J. Losos

Evans City, PA

EXECUTED this 11<sup>th</sup> day of May, 2011

*David J. Losos*

SIGNATURE

STATE of Pennsylvania )

COUNTY of Butler )

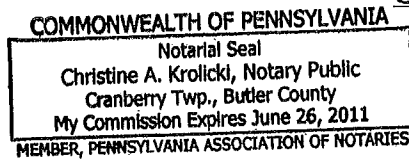
On this 11<sup>th</sup> day of May, in the year 2011, before me Christine A. Krolicki  
DAY MONTH YEAR NOTARY PUBLIC NAME

a notary public, personally appeared David J. Losos,  
NAME OF DOCUMENT SIGNER

proved on the basis of satisfactory evidence to be the person whose name is subscribed to this instrument, and acknowledged he/~~she~~ executed the same. Witness my hand and official seal.

*Christine A. Krolicki*

NOTARY PUBLIC



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