

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2977271

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	MERGER		
EFFECTIVE DATE:	03/07/2014		
CONVEYING PARTY DATA			
Name			Execution Date
MINE SAFETY APPLIANCES COMPANY			03/07/2014
RECEIVING PARTY DATA			
Name:	MINE SAFETY APPLIANCES COMPANY, LLC		
Street Address:	1000 CRANBERRY WOODS DRIVE		
City:	CRANBERRY TOWNSHIP		
State/Country:	PENNSYLVANIA		
Postal Code:	16066		
PROPERTY NUMBERS Total: 1			
Property Type	Number		
Application Number:	14454119		
CORRESPONDENCE DATA			
Fax Number:	(412)254-8088		
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>			
Phone:	4122532610		
Email:	hbartony@bartlaw.com		
Correspondent Name:	HENRY E. BARTONY, JR.		
Address Line 1:	BARTONY & ASSOCIATES LLC		
Address Line 2:	P.O. BOX 910		
Address Line 4:	BUTLER, PENNSYLVANIA 16003-0910		
ATTORNEY DOCKET NUMBER:	09-024D		
NAME OF SUBMITTER:	HENRY E. BARTONY, JR.		
SIGNATURE:	/Henry E. Bartony, Jr., Reg. No. 34,772/		
DATE SIGNED:	08/12/2014		
Total Attachments: 3			
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CT-Counter
9072951 SD 7

Certificate of Merger of
Mine Safety Appliances Company
(a Pennsylvania corporation)

with and into

Mine Safety Appliances Company, LLC
(a Pennsylvania limited liability company)

March 7, 2014

In compliance with the applicable provisions of the Pennsylvania Business Corporation Law of 1988, as amended (the "PBCL") and the Pennsylvania Limited Liability Company Law of 1994, as amended (the "PLLCL"), the undersigned, desiring to effect a merger, hereby state that:

1. The name of the limited liability company surviving the merger is Mine Safety Appliances Company, LLC, a Pennsylvania limited liability company (the "Surviving Company").

2. The name of the corporation being merged into the Surviving Company is Mine Safety Appliances Company, a Pennsylvania corporation (the "Non-Surviving Company").

3. The commercial registered office provider of the Surviving Company is CT Corporation System, Dauphin County.

4. The merger of the Non-Surviving Company into the Surviving Company shall become effective on March 7, 2014 at 4:05 pm Pittsburgh, Pennsylvania time.

5. The board of directors and the sole shareholder of the Non-Surviving Company and the board of managers and the sole member of the Surviving Company have approved the Agreement and Plan of Merger in accordance with the PBCL and the PLLCL, respectively.

6. The executed Agreement and Plan of Merger is on file at 1000 Cranberry Woods Drive, Cranberry Township, PA 16066, the principal place of business of the Surviving Company.

7. A copy of the Agreement and Plan of Merger will be furnished by the Surviving Company on request, without cost, to any member of the Surviving Company or any person holding an interest in any other business entity which is to merge or consolidate.

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Commonwealth of Pennsylvania
ARTICLES OF MERGER-BUSINESS 4 Page(s)



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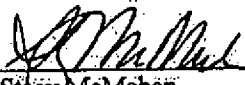
PA DEPT OF STATE

PATENT

REEL: 033512 FRAME: 0467

IN TESTIMONY WHEREOF, the undersigned have caused this Certificate of Merger to be signed by a duly authorized officer thereof on this 7th day of March, 2014.

MINE SAFETY APPLIANCES COMPANY

By: 
Name: Stacy McMahan
Title: Senior Vice President, Chief Financial
Officer and Treasurer

MINE SAFETY APPLIANCES COMPANY, LLC

By: _____
Name: Nishan J. Vartanian
Title: President

IN TESTIMONY WHEREOF, the undersigned have caused this Certificate of Merger to be signed by a duly authorized officer thereof on this 7th day of March, 2014.

MINE SAFETY APPLIANCES COMPANY

By: _____
Name: Stacy McMahan
Title: Senior Vice President, Chief Financial
Officer and Treasurer

MINE SAFETY APPLIANCES COMPANY, LLC

By: Nishan J. Vargaman
Name: Nishan J. Vargaman
Title: President