

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5900526

|                                                                                                                                                                                                 |                                          |  |                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|--|-----------------------|
| <b>SUBMISSION TYPE:</b>                                                                                                                                                                         | NEW ASSIGNMENT                           |  |                       |
| <b>NATURE OF CONVEYANCE:</b>                                                                                                                                                                    | MERGER                                   |  |                       |
| <b>EFFECTIVE DATE:</b>                                                                                                                                                                          | 03/07/2014                               |  |                       |
| <b>CONVEYING PARTY DATA</b>                                                                                                                                                                     |                                          |  |                       |
| <b>Name</b>                                                                                                                                                                                     |                                          |  | <b>Execution Date</b> |
| MINE SAFETY APPLIANCES COMPANY                                                                                                                                                                  |                                          |  | 03/07/2014            |
| <b>RECEIVING PARTY DATA</b>                                                                                                                                                                     |                                          |  |                       |
| <b>Name:</b>                                                                                                                                                                                    | MINE SAFETY APPLIANCES COMPANY, LLC      |  |                       |
| <b>Street Address:</b>                                                                                                                                                                          | 1000 CRANBERRY WOODS DRIVE               |  |                       |
| <b>City:</b>                                                                                                                                                                                    | CRANBERRY TOWNSHIP                       |  |                       |
| <b>State/Country:</b>                                                                                                                                                                           | PENNSYLVANIA                             |  |                       |
| <b>Postal Code:</b>                                                                                                                                                                             | 16066                                    |  |                       |
| <b>PROPERTY NUMBERS Total: 1</b>                                                                                                                                                                |                                          |  |                       |
| <b>Property Type</b>                                                                                                                                                                            | <b>Number</b>                            |  |                       |
| <b>Application Number:</b>                                                                                                                                                                      | 16724538                                 |  |                       |
| <b>CORRESPONDENCE DATA</b>                                                                                                                                                                      |                                          |  |                       |
| <b>Fax Number:</b>                                                                                                                                                                              | (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> |                                          |  |                       |
| <b>Phone:</b>                                                                                                                                                                                   | 4122532610                               |  |                       |
| <b>Email:</b>                                                                                                                                                                                   | hbartony@bartlaw.com                     |  |                       |
| <b>Correspondent Name:</b>                                                                                                                                                                      | HENRY E. BARTONY, JR.                    |  |                       |
| <b>Address Line 1:</b>                                                                                                                                                                          | BARTONY & ASSOCIATES LLC                 |  |                       |
| <b>Address Line 2:</b>                                                                                                                                                                          | P.O. BOX 910                             |  |                       |
| <b>Address Line 4:</b>                                                                                                                                                                          | BUTLER, PENNSYLVANIA 16003-0910          |  |                       |
| <b>ATTORNEY DOCKET NUMBER:</b>                                                                                                                                                                  | 10-009C                                  |  |                       |
| <b>NAME OF SUBMITTER:</b>                                                                                                                                                                       | HENRY E. BARTONY JR.                     |  |                       |
| <b>SIGNATURE:</b>                                                                                                                                                                               | /Henry E. Bartony, Jr., Reg. No. 34,772/ |  |                       |
| <b>DATE SIGNED:</b>                                                                                                                                                                             | 01/08/2020                               |  |                       |
| <b>Total Attachments: 3</b>                                                                                                                                                                     |                                          |  |                       |
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**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: 051452 FRAME: 0644

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. Vartanian  
Name: Nishan J. Vartanian  
Title: President