502121882 11/08/2012

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JEREMY A. STECK	03/22/2012

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: 2

Property Type	Number	
Application Number:	61611773	
Application Number:	13435175	

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 11-025 11-025P

NAME OF SUBMITTER: Henry E. Bartony, Jr.

Total Attachments: 3

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> PATENT REEL: 029263 FRAME: 0864

OF \$80.00 61611//3

ASSIGNMENT

WHEREAS, **JEREMY A. STECK**, a citizen and resident of the United States of America, whose address is 2711E 4135S, Salt Lake City, Utah 84124, United States of America, **MARCO TEKELENBURG**, a citizen and resident of the United States of America, whose address is 309 E. Spring Street, Zelienople, Pennsylvania 16063, United States of America, **STEWART SHANNON**, a citizen and resident of the United States of America, whose address is 430 Duquesne Drive, Pittsburgh, Pennsylvania 15243, United States of America (hereinafter referred to as ASSIGNORS), has invented and owns certain invention(s) entitled:

RELEASE MECHANISM FOR HARNESS SYSTEM

which is described in a U.S. Provisional patent application filed on March 16, 2012 under application Serial No. 61/611,773, a U.S. Non-Provisional patent application patent application filed on March 30, 2012 under application Serial No. 13/435,175, and

WHEREAS, **MINE SAFETY APPLIANCES COMPANY**, a corporation organized and existing under the laws of the State of Pennsylvania and having a place of business at 1000 Cranberry Woods Drive, Cranberry Township, Pennsylvania 16066 (hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention(s) and in, to and under Letters Patent or similar legal protection to be obtained therefor in the United States and in any and all foreign countries.

This Assignment of Invention, effective as of March 16, 2012, may be executed by the parties in multiple counterparts, each of which shall be deemed an original. ASSIGNORS hereby authorize the Attorney of record to include in this Assignment, the application number and filing date of the non-provisional patent application as soon as they become available.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the full and exclusive right, title and interest to said invention(s) in the United States and its territorial possessions and in all foreign countries, said application for Letters Patent, and any and all issued Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention(s) by said application or any continuation, divisional, renewal, substitute or reissue thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted.

PATENT REEL: 029263 FRAME: 0865 ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States to ASSIGNEE.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale; and

ASSIGNOR further covenants that when requested, without charge to, but at the expense of ASSIGNEE, that ASSIGNOR will: 1) promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention(s), said Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof; 2) execute, for all countries, all divisions, reissues, reexaminations, continuations, renewals, extensions and all other patent applications on any and all of said invention(s); 3) communicate all facts known to ASSIGNOR relating to said invention(s), said application, said Letters Patent and legal equivalents in foreign countries and the history thereof; 4) testify in all legal proceedings; and 5) generally do everything possible which Assignee, its successors, assigns and representatives shall consider desirable for aiding in securing, maintaining and/or enforcing ASSIGNEE'S rights and patent protection in said invention(s), and for vesting title therein in ASSIGNEE, its successors, assigns and legal representatives.

assigned to the full ends of the terms of sa reexaminations, continuations, renewals, a	hat ASSIGNEE shall have and to hold the interests aid Letters Patent and any and all divisions, reissues, and/or extensions thereof, respectively, as fully and and enjoyed by ASSIGNOR had this assignment not
IN WITNESS WHEREOF, I h	ave hereunto set my hand and seal this 22 day of
	Jers U Hen JEREMY A. STECK
STATE OF) ss.	
STATE OF) ss. COUNTY OF)	•
came Jeremy A. Steck, to me known to be the	day of, 2012, before me personally ne person mentioned in and who executed the foregoing executed the same as his free act and deed for the use and
	Notary Public