505852976 01/08/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

tylesheet Version v1.2

EPAS ID: PAT5899913

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TOWNER BENNETT SCHEFFLER	03/11/2013
MICHAEL ALVIN BROWN	03/11/2013
ANDREW E. NALEPA	03/11/2013
BRIAN KEITH DAVIS	03/11/2013

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:	16721022

CORRESPONDENCE DATA

Fax Number: (412)254-8088

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.

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:	12-030C2	
NAME OF SUBMITTER:	HENRY E. BARTONY JR.	
SIGNATURE:	/Henry E. Bartony, Jr., Reg. No. 34,772/	
DATE SIGNED:	01/08/2020	

Total Attachments: 5

source=AssignParent_12-030C2#page1.tif source=AssignParent_12-030C2#page2.tif

PATENT 505852976 REEL: 051449 FRAME: 0563

source=AssignParent_12-030C2#page3.tif source=AssignParent_12-030C2#page4.tif source=AssignParent_12-030C2#page5.tif

> PATENT REEL: 051449 FRAME: 0564

ASSIGNMENT

WHEREAS, **TOWNER B. SCHEFFLER**, a citizen and resident of the United States of America, whose address is 221 Beech Road, Butler, Pennsylvania 16001, **MICHAEL A. BROWN**, a citizen and resident of the United States of America, whose address is 142 Village Drive, Cranberry Township, Pennsylvania 16066, **ANDREW E. NALEPA**, a citizen and resident of the United States of America, whose address is 978 Broadmeadow Drive, Pittsburgh, Pennsylvania 15237, **BRIAN KEITH DAVIS**, a citizen and resident of the United States of America, whose address is 438 Dutchtown Road, Butler, Pennsylvania 16002, (hereinafter referred to as ASSIGNORS), has invented and owns a certain invention entitled:

SENSOR INTERROGATION

which is described in a U.S. Non-Provisional patent application patent application filed on <u>March 12, 2013</u> under application Serial No. <u>13/796,409</u>; 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 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 12, 2013, 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 ASSIGNORS of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNORS hereby sell, assign and transfer to ASSIGNEE the full and exclusive right, title and interest to said invention 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 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.

ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States to ASSIGNEE.

ASSIGNORS hereby covenant 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

PATENT REEL: 051449 FRAME: 0565

ASSIGNORS further agree that ASSIGNEE shall have and to hold the interests assigned to the full ends of the terms of said Letters Patent and any and all divisions, reissues, reexaminations, continuations, renewals, and/or extensions thereof, respectively, as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment not been made.

IN WITNESS \ <u>Made</u> l , 2013.	NHEREOF, I have hereunto set my hand and seal this <u>//*</u> day of the seal this <u>//*</u>
STATE OF	A 22
COUNTY OF) ss.)
Towner B. Scheffler, to me kr	that on thisday of, 2013, before me personally came nown, to be the person mentioned in and who executed the foregoined to me that he executed the same as his free act and deed for the use an
	Notary Public

ASSIGNORS further agree that ASSIGNEE shall have and to hold the interests assigned to the full ends of the terms of said Letters Patent and any and all divisions, reissues, reexaminations, continuations, renewals, and/or extensions thereof, respectively, as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment not been made.

<u>nach</u> ,	IN WITNESS WHEREOF, I have hereunto set my hand and seal this <u>//</u> dong 13.	lay of
	MICHAEL A. BROWN	
STATE OF))ss.	
COUNTY OF	•	
	BE IT KNOWN, that on this day of, 2013, before me personally came wn, to me known to be the person mentioned in and who executed the foregoing assign wedged to me that he executed the same as his free act and deed for the use and purned.	
	Notary Public	

ASSIGNORS further agree that ASSIGNEE shall have and to hold the interests assigned to the full ends of the terms of said Letters Patent and any and all divisions, reissues, reexaminations, continuations, renewals, and/or extensions thereof, respectively, as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment not been made.

IN WITNESS WHERI	EOF, I have hereunto set my hand and seal this <u>li</u> day of BRIAN KEITH DAVIS
STATE OF	
COUNTY OF) 58.)
Brian Keith Davis, to me known to be the	this <u>II</u> day of <u>Mar</u> , 2013, before me personally came person mentioned in and who executed the foregoing assignment, cuted the same as his free act and deed for the use and purposes
	Notary Public

ASSIGNORS further agree that ASSIGNEE shall have and to hold the interests assigned to the full ends of the terms of said Letters Patent and any and all divisions, reissues, reexaminations, continuations, renewals, and/or extensions thereof, respectively, as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment not been made.

IN W <u>Mada</u> , 2013.	ITNESS WHEREOF, I have he	reunto set my hand and seal this 🚻 day o
		4.8.4
		ANDREW E. NALEPA
STATE OF		
COUNTY OF	<u> </u>	
Andrew E. Nalepa, to	me known to be the person mentio	f, 2013, before me personally carne ned in and who executed the foregoing assignment as his free act and deed for the use and purpose
		Notary Public

2