

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT4997743

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MITCHELL H. HETRICH	04/19/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	MSA TECHNOLOGY, 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>	15952809
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(412)471-4094
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<b>Email:</b>	assignments@webblaw.com
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<b>ATTORNEY DOCKET NUMBER:</b>	2934-1802429
<b>NAME OF SUBMITTER:</b>	NATHAN J PREPELKA, REG. NO. 43016
<b>SIGNATURE:</b>	/Nathan J. Prepelka/
<b>DATE SIGNED:</b>	06/08/2018
<b>Total Attachments: 3</b>	
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source=assignment#page3.tif	

**ASSIGNMENT**

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

HARNES CONNECTION ARRANGEMENT  
(Invention Title)

for which a United States Provisional Patent application was filed on \_\_\_\_\_ (mm/dd/yyyy) and bears Application Number \_\_\_\_\_ (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 04/13/2018 (mm/dd/yyyy) and bears Application Number 15/952,809 (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, MSA Technology, LLC, a corporation 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.

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, including rights of priority under the International Convention of Paris (1883) as amended, and any Letters Patent which may issue therefor in the United States and all foreign countries and all divisionals, non-provisionals, 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 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, non-provisional

Application No. 15/952,809

Attorney Docket No. 2934-1802429

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:

RESIDENCE:

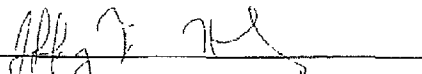
Mitchell H. Hetrich

Greenville, PA

EXECUTED this 19 day of April, 2018

  
SIGNATURE

WITNESS:

  
Name:

Jeffrey F Harding

Checked Box indicates 1 additional page(s).

Application No. 15/952.809

Attorney Docket No. 2934-1802429

Acknowledgement of this Assignment is made by/on behalf of the Assignee:

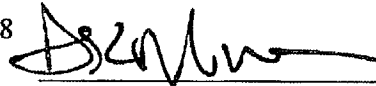
NAME OF ASSIGNEE:

MSA TECHNOLOGY, LLC

PLACE OF BUSINESS:

Cranberry Township, PA

EXECUTED this 23<sup>rd</sup> day of April, 2018



SIGNATURE

Name: Douglas K. McClaine

Title: Secretary

WITNESS:

Barbara A. Konopski  
Name: