504542547 09/12/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4589254

		NEW ASSIGNMENT	
NATURE OF CONVEYANCE:		ASSIGNMENT	
CONVEYING PARTY D	ATA		
Name			Execution Date
JEFFREY M. BIDIGARE	E		08/28/2017
TODD W. CROWLEY			08/28/2017
CHRISTIAN P. GREENE			08/28/2017
DAVID F. SKLADANOWSKI			08/29/2017
DAVID P. SHOCK			08/31/2017
RECEIVING PARTY DA			
Name:	SNAP-ON INCORPORATED		
Street Address:	2801 80TH STREET		
City:	KENOSHA		
State/Country:	WISCONSIN		
Postal Code:	53141-1410		
PROPERTY NUMBERS	6 Total: 1		
Property Type		Number	
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Application Number:	12	29614433	
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PATENT REEL: 043553 FRAME: 0754

ASSIGNMENT

MBHB Case No.: 17-1101-DES Snap-on Incorporated Reference: SBS-03074 Inventors: Jeffrey M. Bidigare, Todd W. Crowley, Christian P. Greene, David F. Skladanowski, and David P. Shock Application No.: 29/614,433 Application Filing Date: August 18, 2017

In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assigns to:

Snap-on Incorporated 2801 80th Street Kenosha, Wisconsin 53141-1410

its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an Application for a United States Patent, entitled:

VEHICLE EXHAUST AFTERTREATMENT DEVICE CLEANING TOOL

and identified as:

Case No. 17-1101-DES

in the offices of MCDONNELL BOEHNEN HULBERT & BERGHOFF LLP and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assigns to said assignee the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from me.

The undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorizes and requests the attorneys of record in said application to insert in this assignment the filing date and number of said application when officially known.

The undersigned warrants himself to be the owner of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrants that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

For said considerations the undersigned hereby agrees, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations the undersigned authorizes said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agree, upon the request of said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignee, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

1 OF 2

PATENT REEL: 043553 FRAME: 0755

Assignment - MBHB Case No. 17-1101-DES Snap-on Incorporated Reference: SBS-03074 JOINT INVENTOR Dane: 8.28.17 Inventor (1) Jeffrey M. Bidigare JOINT INVENTOR Date: \$128/17 Inventor (2) Todd W. Crowley JOINT INVENTOR 3<u>/28/17</u> Date: Inventor (3) Christian P. Greene JOINT INVENTOR Date: 29+17 Inventor (4) David F. Skladanowski JOINT INVENTOR. Date: Inventor (5) David P. Shock





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