503556491 11/05/2015 PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE: NATURE OF CONVEYANCE:		NEW ASSIGNMENT	NEW ASSIGNMENT ASSIGNMENT	
		ASSIGNMENT		
CONVEYING PARTY	ΑΤΑ			
		Name	Execution Date	
PATRICK S. MERG			10/28/2015	
JACOB G. FOREMAN			10/28/2015	
RECEIVING PARTY D	ΑΤΑ			
Name:	SNAP-ON INCORPORATED			
Street Address:	2801 80TH STREET			
City:	KENOSHA			
State/Country:	WISCONSIN			
Postal Code:	5314114	410		
PROPERTY NUMBERS	S Total: 1			
Property Type		Number	7	
Application Number:		14933337		
CORRESPONDENCE				
		312)913-0002		
	be sent to	the e-mail address first; if that is un; ; if that is unsuccessful, it will be se		
		-913-0001		
Email:		locketing@mbhb.com		
Correspondent Name:	1	MCDONNELL BOEHNEN HULBERT 8	& BERGHOFF LLP	

Correspondent Name:MCDONNELL BOEHNEN HULBERT & BERGHAddress Line 1:300 S. WACKER DRIVEAddress Line 2:32ND FLOORAddress Line 4:CHICAGO, ILLINOIS 60606

ATTORNEY DOCKET NUMBER:	15-272			
NAME OF SUBMITTER:	MICHAEL KRASNIANSKY			
SIGNATURE:	/Michael Krasniansky/			
DATE SIGNED:	11/05/2015			
Total Attachments: 2				
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ASSIGNMENT

Snap-on Incorporated Ref.: SNJ-02921 Inventors: Patrick S. Merg, Jacob G. Foreman MBHB Ref.: 15-272

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 assign 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:

Methods and Systems for Clustering of Repair Orders Based on Inferences Gathered from Repair Orders

and identified as:

Case No. 15-272

in the offices of MCDONNELL BOEINEN HULBERT & BERGHOFF LLP and in said application and any and all other applications, both United States and foreign, which the undersigned, the assignee, or its successors and assigns 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 assign 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 the undersigned.

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

The undersigned warrant themselves 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 warrant that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

For said considerations the undersigned hereby agree, 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 authorize said assignee and its successors and assigns 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, to cooperate to the best of the ability of the undersigned with 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, whereby said Letters Patent will be held and enjoyed by the said 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.

> PATENT REEL: 036969 FRAME: 0782

Assignment – Snap-on Incorporated Ref. SNJ-02921 MBHB Ref. 15-272

Inventor (1) Signature;

Inventor (1) Name: Patrick S. Merg

Date: 10/28/2015

1Æ Inventor (2) Signatures

Date: 10/28/15

Inventor (2) Name: Jacob G. Foreman

MCDONNELL BOERNEN HULSERT& BERGHOFFLLP 300 SOUTH WACKER DRIVE CHICAGO, ILLINOIS 60606 TELEPHONE (312) 913-0001

PATENT REEL: 036969 FRAME: 0783

RECORDED: 11/05/2015