

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3347507

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JOSHUA COVINGTON	04/28/2015
APRIL REYNALD	04/28/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	SNAP-ON INCORPORATED
<b>Street Address:</b>	2801 80TH STREET
<b>City:</b>	KENOSHA
<b>State/Country:</b>	WISCONSIN
<b>Postal Code:</b>	531411410
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14531474
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<b>Fax Number:</b>	(312)913-0002
<i>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.</i>	
<b>Phone:</b>	3129130001
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<b>Correspondent Name:</b>	MCDONNELL BOEHNEN HULBERT & BERGHOFF LLP
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<b>ATTORNEY DOCKET NUMBER:</b>	14-1542
<b>NAME OF SUBMITTER:</b>	DAVID L. CIESIELSKI
<b>SIGNATURE:</b>	/David L. Ciesielski/
<b>DATE SIGNED:</b>	05/11/2015
<b>Total Attachments: 2</b>	
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ASSIGNMENT

MBHB Ref.: 14-1542

Snap-on Incorporated Ref.: SNJ-02838

Inventor: COVINGTON, Joshua, and REYNALD, April

Application Serial No.: 14/531,474

Application Filing Date: November 3, 2014

Date of Execution of Application:

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 80<sup>th</sup> 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 DISPLAYING VEHICLE DATA  
PARAMETER GRAPHS IN DIFFERENT DISPLAY ORIENTATIONS**

and identified as:

Case No. 14-1542

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.

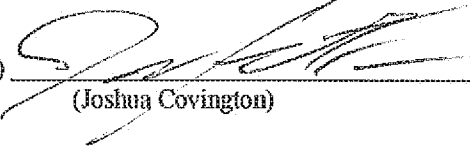
The undersigned hereby authorizes and requests the attorneys of record in said application to insert in this assignment the date of execution of the application.

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.

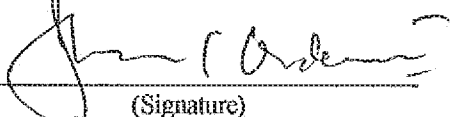
For said considerations the undersigned hereby agrees, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating 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, 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

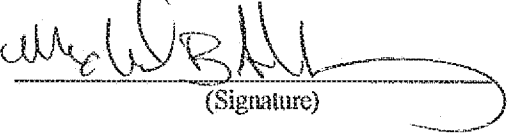
entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

JOINT INVENTOR

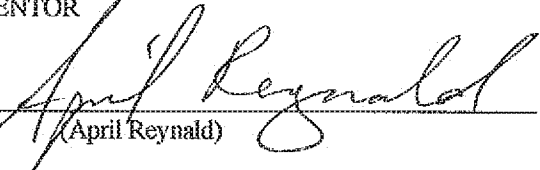
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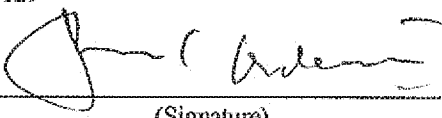
1st Witness: Thomas C. Underwood   
(Type or Print) (Signature)

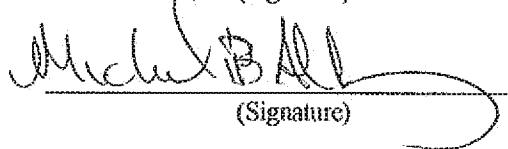
2nd Witness: Michel Billberry   
(Type or Print) (Signature)

JOINT INVENTOR

Inventor (2)  Date: 4/28/15  
(April Reynald)

Post Office Address: 13615 Freeport Road, San Diego, California 92129

1st Witness: Thomas C. Underwood   
(Type or Print) (Signature)

2nd Witness: Michel Billberry   
(Type or Print) (Signature)