505109297 09/25/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5156057

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MATTHEW J. LIPSEY	02/12/2018
DAVID C. FLY	02/12/2018
PRESTON C. PHILLIPS	02/12/2018
JASON NEWPORT	02/12/2018
ANDREW R. LOBO	09/06/2018
JOSEPH CHWAN	02/10/2018
FREDERICK J. ROGERS	02/12/2018
SEAN W. RYAN	09/06/2018
THOMAS L. KASSOUF	09/07/2018

RECEIVING PARTY DATA

Name:	SNAP-ON INCORPORATED
Street Address:	2801 80TH STREET
City:	KENOSHA
State/Country:	WISCONSIN
Postal Code:	53143

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15895485

CORRESPONDENCE DATA

Fax Number:

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.

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mecunningham@mwe.com

Correspondent Name: MCDERMOTT WILL & EMERY LLP
Address Line 1: 500 NORTH CAPITOL STREET
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ATTORNEY DOCKET NUMBER: 066396-0923

NAME OF SUBMITTER: MARCUS CUNNINGHAM

PATENT REEL: 046956 FRAME: 0124

SIGNATURE:	/Marcus Cunningham/	
DATE SIGNED:	09/25/2018	
Total Attachments: 9		
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PATENT REEL: 046956 FRAME: 0125

COMBINED DECLARATION AND ASSIGNMENT FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

which application is:

I believe I am the original or an original joint inventor of a claimed invention in the application for which a patent is sought on the invention entitled:

AUTOMATED TOOL DATA GENERATION IN AUTOMATED ASSET MANAGEMENT SYSTEMS

	attached, or
filed or	United States application number or PCT international application numbern
The ab	ove-identified application was made or authorized to be made by me.
execut reques	event that the filing date and/or application number are not entered above at the time I e this document, and if such information is deemed necessary, I hereby authorize and t the registered practitioners of McDermott Will & Emery LLP , associated with the ner Number 20277 , to insert above the filing date and/or application number of the ation.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Page 1 of 3

DM_US 88777553-1.066396.0923

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I hereby assign to

Snap-on Incorporated

having an address at **2801 80th Street**, **P.O. Box 1410**, **Kenosha**, **WI 53141-1410** hereinafter designated as the Assignee), the entire (100%) right, title and interest for the United States as defined in 35 USC §100, in the invention described in the application identified in this document.

I hereby confirm any prior assignment to Assignee, and to the extent that I have not already done so, agree to assign, and hereby do, sell, assign and transfer unto Assignee and its successors in interest, the full and exclusive right, title and interest in the United States of America and throughout the world, including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, to the inventions as described in the aforesaid application, to the aforesaid application itself, and all divisions, continuations, continuations-in-part, or other applications claiming priority directly or indirectly from the aforesaid application, and any United States or foreign Letters Patent, utility model, or other similar rights which may be granted thereon, including reissues, reexaminations and extensions thereof, and all copyright rights throughout the world in the aforesaid application and the subject matter disclosed therein, these rights, title and interest to be held and enjoyed by Assignee to the full end of the term for which the Letters Patent, utility model, or other similar rights, are granted and any extensions thereof as fully and entirely as the same would have been held by the undersigned had this assignment and sale not been made, and the right to sue for, and recover for past infringements of, or liabilities for, any of the rights relating to any of the applications, patents, utility models, or other similar rights, resulting therefrom, and the copyright rights;

I hereby covenant and agree to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent, utility model, or other similar rights, and for copyright, in the United States and in all foreign countries including, but not limited to, any provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, and as to letters patent any reissue, re-examination, or extension thereof, and for litigation regarding, or for the purpose of protecting title and to the said invention, the United States application for patent, or Letters Patent therefor, and to testify in support thereof, for the benefit of Assignee without further or other compensation than that above set forth;

I hereby covenant that no assignment, sale, license, agreement or encumbrance has been or will be entered into which would conflict with this Assignment.

Page 2 of 3

Legal name of first inventor	
Matthew J. LIPSEY	-
Inventor's signature	Date
1 (11014441)	12/12/10/0
I had the	02/12/2018
Legal name of second inventor, if any	
David C. Fly	
Inventor's signature	Date
Dul Co	2/12/18
Legal name of third inventor, if any	
Preston C. PHILLIPS	
Inventor's signature	Date
Engliso blilling	2/12/18
V - VO I V - V - V - V - V - V - V - V - V - V	
Legal name of fourth inventor, if any	
Jason NEWPORT	
	Date
Inventor's signature	Date
Jana Neumat	2/12/18
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Legal name of fifth inventor, if any	
Andrew R. LOBO	
Inventor's signature	Date
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Local name of sight inventor if any	
Legal name of sixth inventor, if any	
Joseph CHWAN	
Inventor's signature	Date
Legal name of seventh inventor, if any	
Frederick J. ROGERS	
Inventor's signature	Date
Market War	2/12/18
pour / a	1 -11-1 0
Legal plame of eighth inventor, it any	
Sean W. RYAN	
Third inventor's signature	Date
Legal name of ninth inventor, if any	
Thomas L. KASSOUF	ya
Inventor's signature	Date
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Page 3 of 3

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AUTOMATED TOOL DATA GENERATION IN AUTOMATED ASSET MANAGEMENT SYSTEMS

	attached, or
t	United States application number or PCT international application number

The above-identified application was made or authorized to be made by me.

In the event that the filing date and/or application number are not entered above at the time I execute this document, and if such information is deemed necessary, I hereby authorize and request the registered practitioners of McDermott Will & Emery LLP, associated with the Customer Number 20277, to insert above the filing date and/or application number of the application.

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I hereby confirm any prior assignment to Assignee, and to the extent that I have not already done so, agree to assign, and hereby do, sell, assign and transfer unto Assignee and its successors in interest, the full and exclusive right, title and interest in the United States of America and throughout the world, including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, to the inventions as described in the aforesaid application, to the aforesaid application itself, and all divisions, continuations, continuations-in-part, or other applications claiming priority directly or indirectly from the aforesaid application, and any United States or foreign Letters Patent, utility model, or other similar rights which may be granted thereon, including reissues, reexaminations and extensions thereof, and all copyright rights throughout the world in the aforesaid application and the subject matter disclosed therein, these rights, title and interest to be held and enjoyed by Assignee to the full end of the term for which the Letters Patent, utility model, or other similar rights, are granted and any extensions thereof as fully and entirely as the same would have been held by the undersigned had this assignment and sale not been made, and the right to sue for, and recover for past infringements of, or liabilities for, any of the rights relating to any of the applications, patents, utility models, or other similar rights, resulting therefrom, and the copyright rights;

I hereby covenant and agree to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent, utility model, or other similar rights, and for copyright, in the United States and in all foreign countries including, but not limited to, any provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, and as to letters patent any reissue, re-examination, or extension thereof, and for litigation regarding, or for the purpose of protecting title and to the said invention, the United States application for patent, or Letters Patent therefor, and to testify in support thereof, for the benefit of Assignee without further or other compensation than that above set forth;

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Page 2 of 3

V (0 0 0)	
Legal name of first inventor	
Matthew J. LIPSEY	
Inventor's signature	Date
Legal name of second inventor, if any	
David C. Fly	
Inventor's signature	Date
Legal name of third inventor, if any	
Preston C. PHILLIPS	
Inventor's signature	Date
Legal name of fourth inventor, if any	
Jason NEWPORT	
Inventor's signature	Date
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Legal name of fifth inventor, if any	
Andrew R. LOBO	water and the same
Inventor's signature	Date
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Legal name of sixth inventor, if any	
Joseph CHWAN	
Inventor's signature	Date
Youph further	February 10, 2018
Legal name of seventh inventor, if any	
Frederick J. ROGERS	
Inventor's signature	Date
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Legal name of eighth inventor, if any	
Sean W. RYAN Third inventor's signature	L Dots
Third inventor's signature	Date
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Legal name of ninth inventor, if any	
Thomas L. KASSOUF	
Inventor's signature	Date
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inventor's signature	Date
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Inventor's signature	Date
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Andrew R. LOBO	
Inventor's signature	Date
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AN R. La	6 Sep 2018
Legal name of sixth inventor, if any	
Joseph CHWAN	
Inventor's signature	Date
Legal name of seventh inventor, if any	
Frederick J. ROGERS	
Inventor's signature	Date
Legal name of eighth inventor, if any	
Sean W. RYAN	
Third inventor's signature	Date
	Date
Kan W VEyan	9/6/18
	1/6/8
Legal name of ninth inventor, if any	
Thomas L. KASSOUF	
Inventor's signature	Date
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RECORDED: 09/25/2018

PATENT REEL: 046956 FRAME: 0134