504311115 04/07/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4357797

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MICHAEL Z. CREECH	03/31/2017
MARCUS W. SCHMIDT	03/31/2017

RECEIVING PARTY DATA

Name:	DANA HEAVY VEHICLE SYSTEMS GROUP, LLC
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15365251

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ATTORNEY DOCKET NUMBER:	1-24763/9698 CVDA	
NAME OF SUBMITTER:	KRISTENE M. RAGAN	
SIGNATURE:	/kmr/	
DATE SIGNED:	04/07/2017	

Total Attachments: 3

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PATENT 504311115 REEL: 041927 FRAME: 0234

For: x U.S. and/or Foreign Rights

For: X U.S. Non-Provisional Application
For: U.S. Provisional Application
By: X Inventor(s) or Present Owner

ASSIGNMENT OF INVENTION

For good and valuable consideration, the receipt of which is hereby acknowledged, Inventors or persons or entities who own the invention ASSIGNORS: Michael Z. Creech Nationality 3075 Hunting Valley Ann Arbor, MI 48104 Marcus W. Schmidt Nationality 116 W. Garfield Avenue Swanton, OH 43558 hereby sell, assign and transfer to ASSIGNEE: Dana Heavy Vehicle Systems Group, LLC An Ohio Limited Liability Company Nationality P. O. Box 1000 Maumee, Ohio 43537 and the successors, assigns and legal representatives of the ASSIGNEE, their entire right, title and interest, for the United States and its territorial possessions, and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled: ACTIVE OIL MANAGEMENT SYSTEM FOR AXLES Name of inventor(s): Marcus Schmidt which is found in U.S. patent application executed on even date herewith;

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<u>X</u>	U.S. Non-Provisional Application No <u>. 15/365,251</u> filed on <u>November 30</u> ,	
<u> 2016;</u>		
	U.S. Provisional Application No filed on	
<u>X</u>	To comply with 37 CFR 3.21 for recordal of this assignment, We, the	
Assignor(s)		
	signing below, hereby authorize and request my/our attorney to insert the	
	filing date and application number when they become known.	

and any legal equivalent thereof in a foreign country, including the right to claim priority, and in and to, all Letters Patent to be obtained for said invention by the above application, for the United States of America and its territorial possessions and any other foreign country or countries that may be granted to them therefor, and any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof;

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNORS agree that this Assignment may be executed in one or more counterparts, each of which shall be deemed to be an original and all of which together shall be deemed to constitute one and the same instrument.

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNORS and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers,

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instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

Date: 3/31/2017

ASSIGNORS

MICHAEL Z. CRECH

MARCUS W. SCHMIDT

NOTE:

RECORDED: 04/07/2017

No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized, then it will only be prima facle evidence of execution. 35 U.S.C. 261.