505177639 11/06/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5224407

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DANA LIMITED	11/06/2018

RECEIVING PARTY DATA

Name:	DANA HEAVY VEHICLE SYSTEMS GROUP, LLC		
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City:	MAUMEE		
State/Country:	ОНЮ		
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PROPERTY NUMBERS Total: 3

Property Type	Number
Application Number:	61776838
Application Number:	14197909
Application Number:	16156310

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	1-22848/27438/8882,-1CVDA
NAME OF SUBMITTER:	KRISTENE M. RAGAN
SIGNATURE:	/KRISTENE M. RAGAN/
DATE SIGNED:	11/06/2018

Total Attachments: 2

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PATENT 505177639 REEL: 047424 FRAME: 0330

ASSIGNMENT OF INVENTION

For: X U.S. and/or X Foreign Rights
For: X U.S. Non-Provisional Appln/Patent
For: X U.S. Provisional Application
By: X Inventor(s) or Present Owner

For good and valuable consideration, the receipt of which is hereby acknowledged,

ASSIGNOR((S): Inventor(s) or person(s) or entities who own(s) the invention
Dana Limited	An Ohio Limited Liability Company
P. O. Box 10	000 Nationality
<u>Maumee, Ot</u>	nio 43537
hereby sell(s	s), assign(s) and transfer(s) to
Dana Heavy	Vehicle Systems Group, LLC An Ohio Limited Liability Company
P. O. Box 10	
<u>Maumee, Or</u>	nio 43537
and the succ	essors, assigns and legal representatives of the ASSIGNEE(S), his/their entire
right, title an	d interest, for the United States and its territorial possessions, and in all foreign
countries, in	cluding all rights to claim priority, in and to any and all improvements which are
disclosed in	the invention entitled: Torque Ripple Compensating Device
and which is	found in
	U.S. patent application executed on even date herewith;
X	U.S. Provisional Patent Appln. No. 61/776,838 filed on March 12, 2013
<u>X</u>	U.S. Non-Provisional Patent Appln. No. <u>14/197,909</u> filed on <u>March 5, 2014,</u>
	now U.S. Patent No. 10,125,681 issued on November 13, 2018;
<u>X</u>	U.S. Non-Provisional Patent Appln. No. 16/156,310 filed on October 10, 2018;
******	To comply with 37 CFR 3.21 for recordal of this assignment,
	We/l, 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;

ASSIGNOR(S) 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:

ASSIGNOR(S) hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR(S) further covenant(s) that ASSIGNEE(S) will, upon its/their 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 ASSIGNOR(S) and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE(S) or their legal representatives any and all papers, 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.

		ASSIGNOR	
		Dana Limited	
Date:	14-6-18	and_1	
enterente de la constante de l		Robert W. Spenger, Jr. Secretary	

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

PATENT REEL: 047424 FRAME: 0332