PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Joshua D. Line	03/08/2013
DaWuan A. Smith	03/08/2013

RECEIVING PARTY DATA

Name:	Dana Automotive Systems Group, LLC
Street Address:	P.O. Box 1000
City:	Maumee
State/Country:	ОНЮ
Postal Code:	43537

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13790327

CORRESPONDENCE DATA

Fax Number: 4192497151

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 419-249-7100

Email: hamilton@marshall-melhorn.com

Correspondent Name: MARSHALL & MELHORN, LLC

Address Line 1: FOUR SEAGATE - 8TH FLOOR

Address Line 2: Mark M. Hamilton
Address Line 4: TOLEDO, OHIO 43604

ATTORNEY DOCKET NUMBER: 1-22455

NAME OF SUBMITTER: Mark M. Hamilton

Total Attachments: 3

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> PATENT REEL: 029951 FRAME: 0246

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ASSIGNMENT OF INVENTION

pln.
Γ

In consideration of the payment by ASSIGNEE to ASSIGNORS of the sum of One Dollar (\$1.00) each, the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNORS: Inventors or persons or entities who own the invention

Joshua D. Line 5091 CR 53 McComb, OH 45858	_US Nationality
DaWuan A. Smith 5743 Mallard Pointe Lane Sylvania, OH 43560	_US Nationality
hereby sell, assign and transfer to	
Dana Automotive Systems Group, LLC P.O. Box 1000 Maumee, OH 43537	An Ohio Limited Liability Company Nationality
and the successors, assigns and legal repre right, title and interest, for the United States foreign countries, including all rights to claim which are disclosed in the invention entitled:	and its territorial possessions, and in all priority, in and to any and all improvements
Name of inventor(s) Joshua D. Line T	DaWuan A. Smith

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Attorney Docket No. 1-22455

and which is found in

	U.S. Patent Application executed on even date herewith;
<u>X</u>	U.S. Non-Provisional Patent Appln No. <u>13/790,327</u> filed on <u>03-08-2013</u>
—	U.S. Provisional Patent Appln Nofiled on
X	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 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 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 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, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and

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said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

ASSIGNORS

Date:

Date:

03/08/2013

loshua D. Line

DaWuan A. Smith

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.

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