

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2701311

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>ROBERT GENWAY-HADEN</td><td>10/18/2013</td></tr><tr><td>LEONARD R ELIAS</td><td>10/25/2013</td></tr><tr><td>CRAIG A CAMPBELL</td><td>10/18/2013</td></tr><tr><td>ARTHUR BALL</td><td>10/21/2013</td></tr></tbody></table>		Name	Execution Date	ROBERT GENWAY-HADEN	10/18/2013	LEONARD R ELIAS	10/25/2013	CRAIG A CAMPBELL	10/18/2013	ARTHUR BALL	10/21/2013
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RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>GKN Driveline North America, Inc.</td></tr><tr><td>Street Address:</td><td>3300 University Drive</td></tr><tr><td>City:</td><td>Auburn Hills</td></tr><tr><td>State/Country:</td><td>MICHIGAN</td></tr><tr><td>Postal Code:</td><td>48326-2362</td></tr></table>		Name:	GKN Driveline North America, Inc.	Street Address:	3300 University Drive	City:	Auburn Hills	State/Country:	MICHIGAN	Postal Code:	48326-2362
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CORRESPONDENCE DATA											
Fax Number: (248)364-7710											
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Email: Jennifer.Brumbaugh@gkndriveline.com											
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>											
Correspondent Name: GKN DRIVELINE NORTH AMERICA, INC.											
Address Line 1: 3300 UNIVERSITY DRIVE											
Address Line 2: ATTN: JENNIFER M. BRUMBAUGH, PATENTS											
Address Line 4: AUBURN HILLS, MICHIGAN 48326-2362											
ATTORNEY DOCKET NUMBER:	G00523PCT/US										
NAME OF SUBMITTER:	JENNIFER M. BRUMBAUGH										

Signature:	/Jennifer M Brumbaugh/
Date:	01/28/2014
<b>Total Attachments: 6</b> source=G00523SignedAssignment#page1.tif source=G00523SignedAssignment#page2.tif source=G00523SignedAssignment#page3.tif source=G00523SignedAssignment#page4.tif source=G00523SignedAssignment#page5.tif source=G00523SignedAssignment#page6.tif	

**ASSIGNMENT BY INVENTORS**

**THIS ASSIGNMENT**, made this 16 day of October, 2013, by Robert Genway-Haden, Leonard R. Elias, Craig A. Campbell, and Arthur Ball (hereinafter referred to as Assignors), residing at 2495 Chalet Drive, Rochester Hills MI, 48309, 21026 La Roche Drive S. Macomb MI, 48044, 5445 Coomer Road, and West Bloomfield MI, 48324, 123 East Street, Oxford MI, 48371 respectively;

**WHEREAS**, Assignors have invented certain new and useful improvements in COMPOSITE TUBESHAFT METALLIC INTERFACE, set forth in the U.S. Patent application, 14/053,370, filed on 14 October 2013 (14.10.2013), which is a continuation of PCT application, PCT/US2011/032663, filed on 15 April 2011 (15.04.2011); and

**WHEREAS**, GKN Driveline North America, Inc., a Corporation organized under and pursuant to the laws of Delaware having its principal place of business at 3300 University Drive, Auburn Hills, Michigan, 48326 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

**NOW, THEREFORE**, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the

same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

**AND** for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

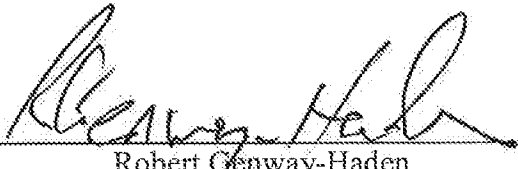
**AND** for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

**AND** Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

All practitioners at Customer Number 35758

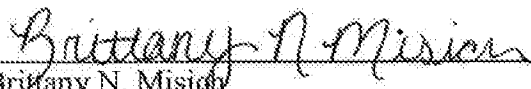
AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

  
Robert Genway-Haden

Date: 18<sup>TH</sup> October 2013

United States of America )  
State of Michigan ) ss.:  
County of Oakland )

On this 18 day of October, 2013, before me personally came Robert Genway-Haden, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

  
Brittany N. Misich  
Notary Public  
My Commission expires on 29 September 2019

Van Fleet

Leonard R. Elias

Date: 10/25/2013

United States of America )  
State of Michigan ) ss.:  
County of Oakland )

On this 25 day of October, 2013, before me personally came Leonard R. Elias, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Brittany N Misick

Brittany N. Mysich

Notary Public

My Commission expires on 29 September 2019

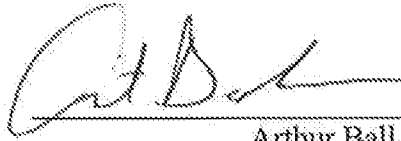
Craig A. Campbell  
Craig A. Campbell

Date: 10/18/2013

United States of America )  
State of Michigan ) ss.:  
County of Oakland )

On this 18th day of Oct, 2013, before me  
personally came Craig A. Campbell, to me known to be the individual  
described in and who executed the foregoing instrument, and acknowledged execution  
of the same.

Brittany N. Misch  
Brittany N. Misch  
Notary Public  
My Commission expires on 29 September 2019



Arthur Ball

Date: 10/21/13

United States of America )  
State of Michigan ) ss.:  
County of Oakland )

On this 21 day of October, 2013, before me  
personally came Arthur Ball, to me known to be the individual  
described in and who executed the foregoing instrument, and acknowledged execution  
of the same.

  
Brittany N. Msich  
Notary Public  
My Commission expires on 29 September 2019