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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DANIEL LORENZ	09/13/2013
CORA CARLSON	09/16/2013
THOMAS WEIGAND	09/16/2013
THOMAS DOEGEL	09/17/2013
MICHAEL KUEHNER	10/05/2013
ANDREAS ORLAMUENDER	09/16/2013

RECEIVING PARTY DATA

Name:	ZF FRIEDRICHSHAFEN AG	
Street Address:	GRAF-VON-SODENPLATZ 1	
City:	FRIEDRICHSHAFEN	
State/Country:	GERMANY	
Postal Code:	88046	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14111128

CORRESPONDENCE DATA

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Correspondent Name: COZEN O'CONNOR

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ATTORNEY DOCKET NUMBER:	4452-938-340938.000
NAME OF SUBMITTER:	THOMAS LANGER

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Signature:	/Thomas Langer/
Date:	10/30/2013
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PATENT REEL: 031510 FRAME: 0438

Attorney Docket Number: 4452-938PUS

ASSIGNMENT

In consideration of One Dollar (\$1.00), and other good and valuable consideration,

the receipt of which is hereby acknowledged, We the undersigned, LORENZ, Daniel; CARLSON,

Cora; WEIGAND, Thomas; DÖGEL, Thomas; KÜHNER, Michael; ORLAMÜNDER,

Andreas (hereinafter referred to as "ASSIGNOR"):

Hereby sell, assign and transfer to ZF Friedrichshafen AG (hereinafter referred to

as "ASSIGNEE"), a corporation of Germany, having a place of business at Graf-von-Soden-Platz 1,

88046 Friedrichshafen, Germany, its successors, assigns and legal representatives, the entire right,

title and interest for the United States and all foreign countries, in and to the invention which is

disclosed in the application for United States Letters Patent, which is the U.S. national stage

application of International PCT Application No. PCT/EP2012/054192, filed on 12 March 2012,

and which is entitled

GEARBOX, IN PARTICULAR FOR THE DRIVE TRAIN OF A VEHICLE

and in and to said application and all provisional, divisional, continuing, substitute, renewal, reissue,

and all other applications for Letters Patent which have been or shall be filed in the United States

and all foreign countries on said invention; and in and to all original, reissued and other patents and

certificates of invention which have been or shall be issued in the United States and all foreign

countries on said invention;

Agree that said Assignee may apply for and receive Letters Patent for said invention

in its own name, and that, when requested, without further consideration from or charge to, but at

the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good

faith the intent and purpose of this assignment, the undersigned will execute all divisional,

PATENT

REEL: 031510 FRAME: 0439

continuing, substitute, renewal, reissue, and all other patent applications on said invention; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and representatives, all facts known to the undersigned relating to said invention and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said invention and for vesting title to said invention and all applications for patents and all patents on said invention, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date:	09/13/7013 month/day/year	Daniel LORENZ
		Witness
		Witness
Date:	03 /16 / 2013 month/day/year	Cora CARLSON
		Witness
		Witness

Date:		T. 42
	month/day/year	Thomas WEIGAND
		Witness
		Witness
Date:	09/17/2013 month/day/year	Thous lift
	month/day/year	Thomas DÖGEL
		Witness
		Witness
Date:	10/05/2013 month/day/year	Michael KÜHNER
		Witness
		Witness
Date:	09/16/2013 month/day/year	Andreas Orlaminas Andreas ORLAMUNDER
		Witness
		Witness

Note: Signature of a witness is preferable, but <u>not</u> required.