

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Stephan Brussa	02/27/2009
Lothar Beigang	02/23/2009
Andreas Salm	03/03/2009
Manfred Fischer	03/02/2009
RECEIVING PARTY DATA	
Name:	ZF Friedrichshafen AG
Street Address:	Postf. 2520
City:	Friedrichshafen
State/Country:	GERMANY
Postal Code:	D-88038
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12440493
CORRESPONDENCE DATA	
Fax Number:	(603)226-7499
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	603-226-7490
Email:	agendron@davisandbujold.com
Correspondent Name:	Davis & Bujold, P.L.L.C.
Address Line 1:	112 Pleasant Street
Address Line 4:	Concord, NEW HAMPSHIRE 03301
ATTORNEY DOCKET NUMBER:	ZF P219US
NAME OF SUBMITTER:	Michael J. Bujold

Total Attachments: 2
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**PATENT
 REEL: 022404 FRAME: 0461**

OP \$40.00 12440493

ASSIGNMENT OF APPLICATION FOR PATENT

000331-US-PCT

WHEREAS:

Name(s) (hereinafter	Stephan Manfred Andreas Lothar	Brussa Fischer Salm Beigang	Amthausstr. 26, 88085 Langenargen, Germany Gartenstraße 10/1, 88079 Kressbronn, Germany Giebelmoos 18, 88131 Lindau, Germany Ernst-Lehmann-Strasse 11/2, 88079 Kressbronn, Germany	and
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referred to as ASSIGNOR), have invented and own a certain invention entitled:

Title of
Invention

Support of a Pump Drive wheel on the side of the starting component with an off-axis Pump arrangement in an automatic transmission

for which application for Letters Patent of the United States has been executed on even date herewith

Name and
address of
assignee

AND WHEREAS:
ZF FRIEDRICHSHAFEN AG
88038 Friedrichshafen

Federal Republic of Germany

(hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention and the United States Letters Patent to be obtained herefor;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration, of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$ 1.00), the receipt, of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the full and exclusive right, title and interest to said invention and all Letters Patent of the United States to be obtained therefore on said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with the assignment and sale;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent (acts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

IN WITNESS WHEREOF, have hereunto set hand and seal this
day of

Full name(s) of inventor(s)

27.02.04
Stephan Brussa

PATENT

REEL: 022404 FRAME: 0463

23.2.09 *Lothar Reip*

Lothar Reip

03.03.09 *Andreas Sehn*

Andreas Sehn

02.03.09 *Manfred Fischer*

Manfred Fischer