

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Reiner Keller	09/27/2007
Kai Heinrich	09/27/2007
Michael Pantke	09/27/2007
RECEIVING PARTY DATA	
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State/Country:	GERMANY
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11911588
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NAME OF SUBMITTER:	Michael J. Bujold
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OP \$40.00 11911588

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**PATENT
REEL: 019993 FRAME: 0164**

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ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS: Reiner Keller, Am Gießbach 4 , 78351 Bodmann-Ludwigshafen , Germany
Kai Heinrich, Eichenweg 20 , 88289 Waldburg , Germany
Name(s) and address(es) of inventor(s) Michael Pantke, Wittenwiesenstr.3 , 88046 Friedrichshafen , Germany

(hereinafter referred to as ASSIGNOR), have invented and own a certain invention entitled:

Title of Invention POSITION RECOGNITION IN AN ELECTROMAGNETIC ACTUATOR WITHOUT SENSORS

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

AND WHEREAS: ZF FRIEDRICHSHAFEN AG
88038 Friedrichshafen
Name and address of assignee 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) 27.09.07


Reiner Keller

09-27-07


Kai Heinrich

09-27-07


Michael Pantke

PATENT

RECORDED: 10/22/2007

REEL: 019993 FRAME: 0165