

Form PTO-1595 (Rev. 08/05)
OMB No. 0651-0027 (exp. 6/30/2008)

Doc Code: 1-28001

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1. Name of conveying party(ies)Eugen Eberhart, October 2, 2006
Johannes Hullmann, October 12, 2006
Gregor Watzlawek, October 12, 2006Additional name(s) of conveying party(ies) attached? Yes No**3. Nature of conveyance/Execution Date(s):**Execution Date(s) Please See Above

- Assignment Merger
 Security Agreement Change of Name
 Joint Research Agreement
 Government Interest Assignment
 Executive Order 9424, Confirmatory License
 Other **PLEASE SEE ATTACHED SHEET**

2. Name and address of receiving party(ies)Name: TRW Automotive GmbH

Internal Address: _____

Street Address: Industriestrasse 20D-73553 Alfdorf, Federal Republic of Germany

City: _____

State: _____

Country: _____

Zip: _____

Additional name(s) & address(es) attached? Yes No**4. Application or patent number(s):** This document is being filed together with a new application.

A. Patent Application No.(s)

11/497,795 Filed August 2, 2006

B. Patent No.(s)

Additional numbers attached? Yes No**5. Name and address to whom correspondence concerning document should be mailed:**Name: Douglas V. Pavelko, Reg. No. 36,888Internal Address: MacMillan, Sobanski & Todd LLCStreet Address: One Maritime Plaza, 4th Floor720 Water StreetCity: ToledoState: OhioZip: 43604-1853Phone Number: 419-255-5900Fax Number: 419-255-9639Email Address: pavelko@mstfirm.com**6. Total number of applications and patents involved:**1**7. Total fee (37 CFR 1.21(h) & 3.41) \$** 40.00

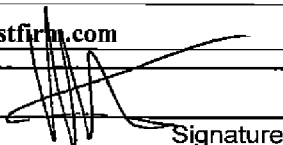
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13-0005Authorized User Name MacMillan Sobanski Todd**9. Signature:**

Signature

November, 2006

Date

Douglas V. Pavelko
Name of Person SigningTotal number of pages including
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Continuation of Box 3: Corrective Assignment to correct mistake in the last
 name of the third Assignor on a document previously
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| 1. Name of conveying party(ies) Eugen Eberhart, October 2, 2006 Johannes Hullmann, October 12, 2006 Gregor Watzlawek, October 12, 2006 WATZLAWEK Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | 2. Name and address of receiving party(ies) Name: <u>TRW Automotive GmbH</u> Internal Address: _____ _____ Street Address: <u>Industriestrasse 20</u> <u>D-73553 Alfdorf, Federal Republic of Germany</u> City: _____ State: _____ Country: _____ Zip: _____ Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |
| 3. Nature of conveyance/Execution Date(s): Execution Date(s) <u>Please See Above</u> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other | | 4. Application or patent number(s): <input checked="" type="checkbox"/> This document is being filed together with a new application. A. Patent Application No.(s) <u>11/497,795 Filed August 2, 2006</u> B. Patent No.(s) _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |
| 5. Name and address to whom correspondence concerning document should be mailed: Name: <u>Douglas V. Pavelko, Reg. No. 36,888</u> Internal Address: <u>MacMillan, Sobanski & Todd LLC</u> _____ Street Address: <u>One Maritime Plaza, 4th Floor</u> <u>720 Water Street</u> City: <u>Toledo</u> State: <u>Ohio</u> Zip: <u>43604-1853</u> Phone Number: <u>419-255-5900</u> Fax Number: <u>419-255-9639</u> Email Address: <u>pavelko@msstfirm.com</u> | | 6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 <input type="checkbox"/> Authorized to be charged by credit card <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title) | |
| 9. Signature: _____ _____ Douglas V. Pavelko Name of Person Signing | | 8. Payment Information a. Credit Card Last 4 Numbers _____ Expiration Date _____ b. Deposit Account Number <u>13-0005</u> Authorized User Name <u>MacMillan Sobanski Todd</u> | |
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1-28001

A S S I G N M E N T

WHEREAS, we,

Eugen EBERHART, Brunnenstrasse 43, 40223 Duesseldorf / DE
Johannes HULLMANN, Kloesgeskamp 8, 41564 Kaarst / DE
Gregor WATZLAWEK, Brend'amourstrasse 66, 40547 Duesseldorf / DE

have made new and useful improvements in a

Rack-and-pinion steering system, in particular for light commercial vehicles

WHEREAS, TRW Automotive GmbH , a corporation duly organized and existing under the laws of the Federal Republic of Germany, having a place of business at Industriestrasse 20, 73553 Alfdorf, Federal Republic of Germany, is desirous of acquiring the entire right, title, and interest in and to the said improvements and all patents therefor to be obtained in the United States of America and countries foreign to the United States;

NOW THEREFORE, BE IT KNOWN that for valuable considerations to us paid, the receipt whereof is hereby acknowledged, we, the said

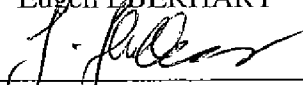
Eugen EBERHART
Johannes HULLMANN
Gregor WATZLAWEK,

do hereby assign, sell and set over unto the said TRW Automotive GmbH , its successors or assigns; the entire right, title and interest in and to the aforesaid improvements and any and all inventions pertaining thereto, the application for United States patent executed by us on the 2 day of October, 2006, the 12 day of October, 2006 and the 12 day of October, 2006, all patents granted therefor in the United States of America and elsewhere, and the right to apply for patents therefor in all countries foreign to the United States and to claim for such applications the priority of United States applications, and we hereby request the Commissioner of Patents of the United States, and any official of any country or countries foreign to the United States whose duty it is to issue patents, to issue such patents to the said TRW Automotive GmbH , its successors or assigns; and we further agree to execute such other applications and other instruments and do all other acts as may be deemed necessary by the said TRW Automotive GmbH , its successors or assigns in order fully to secure, protect, and preserve its rights to the said improvements and to obtain patents therefor in the United States of America and all countries foreign to the United States, all without further consideration but at the expense of the said TRW Automotive GmbH , its successors or assigns.

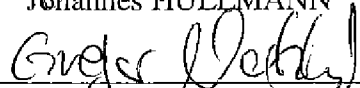
Executed this 2 day of October, 2006


Eugen EBERHART

Executed this 12 day of October, 2006


Johannes HULLMANN

Executed this 12 day of October, 2006


Gregor WATZLAWEK

Witnessed:

