



RECORDATION FORM C
PATENTS

103306160

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Brian A. Urbach

2. Name and address of receiving party(ies)

Name: TRW Automotive U.S. LLC

Internal Address: _____

Street Address: 12025 Tech Center Drive

City: Livonia

State: Michigan

Country: USA

Zip: 48150

Additional name(s) & address(es) attached? Yes No

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) September 5, 2006

- Assignment Merger
- Security Agreement Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other _____

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

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

Internal Address: _____

MacMillan, Sobanski & Todd, LLC

Street Address: 720 Water Street

One Maritime Plaza, Fifth Floor

City: Toledo

State: Ohio Zip: 43604

Phone Number: 419-255-5900

Fax Number: 419-255-9639

Email Address: pavelko@mstfilm.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____

Expiration Date _____

b. Deposit Account Number 13-0005

Authorized User Name MacMillan Sobanski Todd

9. Signature:

Signature

September 6, 2006

Date

Douglas V. Pavelko
Name of Person Signing

Total number of pages including cover

2

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

09/12/2006 DBYRNE 00000215 130005 11516236

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ASSIGNMENT

WHEREAS, I, BRIAN A. URBACH, of Rochester Hills, Michigan, have invented an improvement in a

BALL JOINT,

as described in an application for a United States Patent filed herewith or on _____, as Ser. No. _____; and

WHEREAS, TRW AUTOMOTIVE U.S. LLC, a corporation of Delaware, is desirous of acquiring certain rights thereunder;

NOW, THEREFORE, for valuable consideration, receipt of which is hereby acknowledged, I have agreed to and do hereby sell, assign, and transfer unto said corporation my entire right, title, and interest in and throughout the United States of America (including its territories and dependencies) and all countries foreign thereto, in and to said invention, said application and any and all patents (including extensions thereof) of any country, which have been or may be granted on said invention or any part thereof, or on said application or any divisional, continuing, renewal, reissue, or other patent application, based in whole or in part thereon, or based upon said invention.


TO BE HELD AND ENJOYED by said corporation, its successors and assigns, to the full ends of the respective terms for which said patents or any of them have been or may be granted, as fully and entirely as the same would have been held and enjoyed by myself had no sale and assignment of said interest been made.

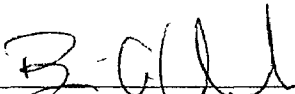
AND I hereby covenant and agree for myself, my heirs, and my legal representatives, to assist said corporation in the prosecution of said application and in any interference which may arise involving said invention, and upon request, to execute without further consideration all necessary and desirable divisional, continuing, renewal, reissue, or other applications for patents in any country, that might be deemed necessary by said assignee fully to secure to said assignee its interest as aforesaid in and to said invention or any part thereof, and in and to said several patents or any of them.

AND I do hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America to issue any and all United States patents which may be granted upon said United States applications or any of them, or upon said invention or any part thereof, to said corporation.

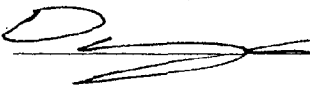
IN WITNESS WHEREOF, I have hereunto set my hand.

Signed In The Presence Of:

 9/5/2006


BRIAN A. URBACH

Sep 5, 2006
Date

 9-5-2006