

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	Amendment To Security Interest

CONVEYING PARTY DATA

Name	Execution Date
Tenneco Inc.	04/22/2009
Tenneco Automotive Operating Company Inc.	04/22/2009
Tenneco International Holding Corp.	04/22/2009
Tenneco Global Holdings Inc.	04/22/2009
The Pullman Company	04/22/2009
TMC Texas Inc.	04/22/2009
Clevite Industries Inc.	04/22/2009

RECEIVING PARTY DATA

Name:	U. S. Bank National Association (as successor to Wachovia Bank, National Association), as Collateral Agent
Street Address:	5555 San Felipe Street Suite 1150
City:	Houston
State/Country:	TEXAS
Postal Code:	77056

PROPERTY NUMBERS Total: 23

Property Type	Number
Patent Number:	7321816
Patent Number:	7386378
Patent Number:	7434570
Patent Number:	7467749
Application Number:	12117109
Application Number:	12133448
Application Number:	12139637
Application Number:	12142859
Application Number:	12150269

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Application Number:	12215271
Application Number:	12228678
Application Number:	12269931
Application Number:	12275539
Application Number:	12283283
Application Number:	12319669
Application Number:	12380793
Application Number:	12393052
Application Number:	12366106
Application Number:	12369024
Application Number:	61100321
Application Number:	61113593
Application Number:	61124696
Application Number:	61206682

CORRESPONDENCE DATA

Fax Number: (312)706-8248
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
Phone: 3127018601
Email: zbeal@mayerbrown.com, ipdocket@mayerbrown.com
Correspondent Name: Deborah Schavey Ruff
Address Line 1: P. O. Box 2828
Address Line 4: Chicago, ILLINOIS 606902828

ATTORNEY DOCKET NUMBER:	00638420 DSR 2508
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NAME OF SUBMITTER:	Deborah Schavey Ruff
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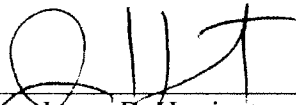
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**AMENDMENT TO SECURITY INTEREST
IN UNITED STATES PATENTS**


FOR GOOD AND VALUABLE CONSIDERATION, receipt and sufficiency of which are hereby acknowledged, Tenneco Inc., Tenneco Automotive Operating Company Inc., Tenneco International Holding Corp., Tenneco Global Holdings Inc., The Pullman Company, TMC Texas Inc. and Clevite Industries Inc., each a Delaware corporation (each, a “Grantor” and collectively, “the Grantors”) with principal offices at 500 North Field Drive, Lake Forest, Illinois 60045 and U.S. Bank National Association (as successor to Wachovia Bank, National Association), as Collateral Agent, with principal offices at 5555 San Felipe Street, Suite 1150, Houston, Texas 77056 (the “Collateral Agent”), hereby agree to amend Schedule A to the Security Interest in United States Patents executed by Grantors and Collateral Agent on June 19, 2003 and recorded at the U.S. Patent and Trademark Office (“Security Interest”). Schedule A was previously amended and restated in its entirety pursuant to the Amendment to Security Interest in United States Patents executed by Grantors and Collateral Agent in April 2005 and recorded at the U.S. Patent and Trademark Office and further amended by the Amendment to Security Interest in United States Patents executed by Grantors and Collateral Agent in April of 2006, 2007 and 2008 and recorded at the U.S. Patent and Trademark Office. Schedule A to the Security Interest, as supplemented by Schedules B through D to the Security Interest, shall be further amended to include Schedule E attached hereto.

IN WITNESS WHEREOF, the undersigned have executed this Agreement as of the 22
day of April 2009.

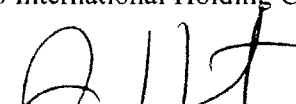
Tenneco Inc.

By: 
Name: James D. Harrington
Title: Vice President - Law

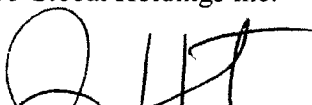
Tenneco Automotive Operating Company Inc.

By: 
Name: James D. Harrington
Title: Vice President - Law

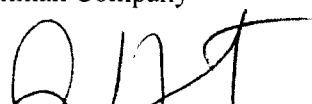
Tenneco International Holding Corp.

By: 
Name: James D. Harrington
Title: Vice President - Law

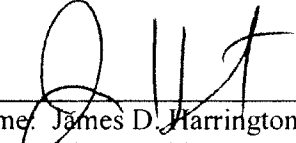
Tenneco Global Holdings Inc.

By: 
Name: James D. Harrington
Title: Vice President - Law


The Pullman Company

By: 
Name: James D. Harrington
Title: Vice President - Law

TMC Texas Inc.

By: 
Name: James D. Harrington
Title: Vice President - Law

Clevite Industries Inc.

By: 
Name: James D. Harrington
Title: Vice President - Law

U.S. Bank National Association,
as Collateral Agent

By: _____
Name:
Title:

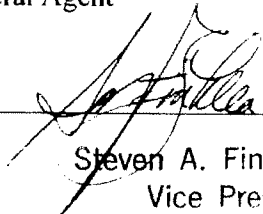
TMC Texas Inc.

By: _____
Name: James D. Harrington
Title: Vice President - Law

Clevite Industries Inc.

By: _____
Name: James D. Harrington
Title: Vice President - Law

U.S. Bank National Association,
as Collateral Agent

By:  _____
Name: Steven A. Finklea, CCTS
Title: Vice President

SCHEDULE E

[See attached.]

1) UNITED STATES PENDING PATENT APPLICATIONS

SHORT TITLE	STATUS	APP. DATE	APP. NO.	GUARANTORS
VERY HIGH DAMPING BODY MOUNT, SUBFRAME MOUNT OR ENGINE MOUNT WITH BOLT-THROUGH CONSTRUCTION	Pending	26-Feb-09	12/393,052	The Pullman Company
VERY HIGH DAMPING BODY MOUNT	Pending	04-Mar-09	12/380,793	The Pullman Company
NATURAL RUBBER / SELF LUBRICATING ELASTOMER OVERMOLD	Pending	08-May-08	12/117,109	The Pullman Company
EXTERNAL SHEAR HUB ISOLATOR	Pending	11-Feb-09	12/369,024	The Pullman Company
SURROUNDING AXIAL SHEAR LEG ISOLATOR (# 2805 1316C-500096 COMBINED)	Pending	20-Jun-08	12/142,859	The Pullman Company
HEAVY VEHICLE SWAY BAR WITH REDUCDANCY (BACKUP SAFETY FEATURE)	Pending	10-Sep-08	12/283,283	The Pullman Company
METHODS & APPARATUS FOR INJECTING ATOMIZED FLUID	Pending	21-Nov-08	12/275,539	Tenneco Automotive Operating Company Inc.
SHOCK ABSORBER STAGED VALVING SYSTEM	Pending	13-Aug-08	12/228,678	Tenneco Automotive Operating Company Inc.
NESTED CHECK HIGH SPEED VALVE / FLOW SENSITIVE SUPPORT WASHER /BELLEVILLE PORT BLOCKER / 2ND PISTON HIGH SPEED RESTRICTION	Pending	05-Jun-08	12/133,448	Tenneco Automotive Operating Company Inc.

SHORT THIRD TUBE DESIGN	Pending	05-Feb-09	12/366,106	Tenneco Automotive Operating Company Inc.
HIGH VELOCITY DAMPING VALVE	Pending	26-Sep-08	61/100,321	Tenneco Automotive Operating Company Inc.
SNAP ACTION VALVE FOR EXHAUST SYSTEM	Pending	16-Jun-08	12/139,637	Tenneco Automotive Operating Company Inc.
PARTICULATE FILTER UTILIZING WOVEN METAL FIBERS	Pending	13-Nov-08	12/269,931	Tenneco Automotive Operating Company Inc.
EXHAUST GAS ADDITIVE / TREATMENT SYSTEM AND MIXER FOR USE THEREIN	Pending	25-Apr-08	12/150,269	Tenneco Automotive Operating Company Inc.
TAILPIPE COOLING DEVICE	Pending	18-Apr-08	61/124,696	Tenneco Automotive Operating Company Inc.
DOUBLE SWRIL EXHAUST + UREA MIXER - BUTTERFLY DESIGN	Pending	26-Jun-08	12/215,271	Tenneco Automotive Operating Company Inc.
ELECTRIC FLEXIBLE HEATED TUBE.DOC	Pending	09-Jan-09	12/319,669	Tenneco Automotive Operating Company Inc.
IMD OR GBD CONTROL FOR MULTI-LAYER MAT WRAP	Pending	11-Nov-08	61/113,593	Tenneco Automotive Operating Company Inc.

INJECTOR MOUNTING SYSTEM	Pending	02-Feb-09	61/206,682	Tenneco Automotive Operating Company Inc.
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2) UNITED STATES ISSUED PATENTS

TITLE	PATENT NO.	ISSUE DATE	GRANTOR
MODEL FREE SEMI-ACTIVE VEHICLE SUSPENSION SYSTEM	7,321,816	22.Jan.2008	Tenneco Automotive Operating Company Inc.
LINEAR CONTROL OF AN AUTOMOBILE SUSPENSION	7,386,378	10.Jun.2008	Tenneco Automotive Operating Company Inc.
SNAP-ACTION VALVE FOR EXHAUST SYSTEM	7,434,570	14.Oct.2008	Tenneco Automotive Operating Company Inc.
METHODS AND APPARATUS FOR INJECTING ATOMIZED REAGENT	7,467,749	23.Dec.2008	Tenneco Automotive Operating Company Inc.