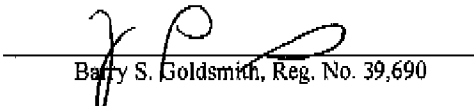


U.S. DEPARTMENT OF COMMERCE

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

Patent and Trademark Office
Docket No. T115 1020.1

To the Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies): Christophe Lauwerys Jan Swevers</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>		<p>2. Name and address of receiving party(ies): Tenneco Automotive Operating Company, Inc. 500 North Field Drive Lakc Forest, IL 60045</p> <p>Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	
<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other:</p> <p>Execution Date: April 21 and 23, 2005</p>			
<p>4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is:</p> <p>A. Patent Application No.(s) 11/111,832 B. Patent No.(s)</p> <p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>			
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Barry S. Goldsmith, Reg. No. 39,690 WOMBLE CARLYLE Post Office Box 7037 Atlanta, GA 30357 USPTO Customer No. 26158</p>		<p>6. Total number of applications and patents involved: One</p>	
		<p>7. Total fee (37 C.F.R. § 3.41): \$40.00 Authorized to be charged to deposit account, Referencing Attorney Docket T115 1020.1</p>	
		<p>8. Deposit account number: 09-0528</p>	
<p>The Commissioner is hereby authorized to charge any fees under 37 C.F.R. § 1.21 that may be required by this paper, or to credit any overpayment to <u>Deposit Account No. 09-0528</u>.</p>			
<p>DO NOT USE THIS SPACE</p>			
<p>9. Statement and signature.</p> <p>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</p> <p align="center">  Barry S. Goldsmith, Reg. No. 39,690 </p> <p align="right"> May 10, 2005 <small>Date</small> </p>			
<p>Total number of pages comprising cover sheet, attachments and document: <u>3</u></p>			
<p>Commissioner of Patents and Trademarks Box Assignments</p>			
<p>Facsimile No. 703-306-5995 Phone: 703-308-9723</p>			

CH \$40.00 090528 1111832

Docket No. T115 1020.1

Page 1 of 2

ASSIGNMENT

WHEREAS, as a below named inventor, I, ASSIGNOR, am the original, first and sole (if only one inventor is named) or joint (if more than one inventor is named) inventor, of the invention entitled:

MODEL FREE SEMI-ACTIVE VEHICLE SUSPENSION SYSTEM

which is:

- is attached hereto;
- identified as WCSR Docket No. T115 1020.1;
- was filed on _____ as United States Application Serial No. _____.
- was filed on _____ as PCT International Application No. _____ and designated the United States.

WHEREAS, Tenneco Automotive Operating Company, Inc., having a business address at 500 North Field Drive, Lake Forest, Illinois 60045, ASSIGNEE, is desirous of obtaining the entire right, title and interest in, to and under the said invention and said application in the United States;

NOW, THEREFORE, in consideration of good and valuable consideration, Assignor has sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the ASSIGNEE, his successors, legal representatives and assigns, the entire right, title and interest in, to and under said invention and the United States application and all divisionals, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND ASSIGNOR HEREBY authorizes and requests the Commissioner of Patents and Trademarks of the United States and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue said application to the said ASSIGNEE, his successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND ASSIGNOR HEREBY covenants and agrees that it has full right to convey the entire interest herein assigned, and that Assignor has not executed, and will not execute, any agreement in conflict herewith.

WASHINGTON 144383v1

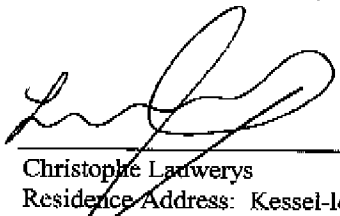
PATENT
REEL: 016210 FRAME: 0134

Docket No. T115 1020.1

Page 2 of 2

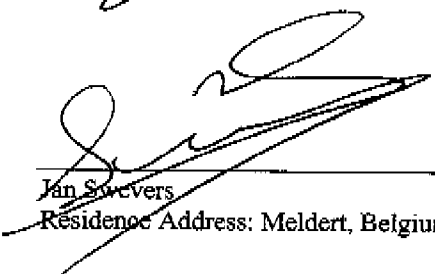
AND ASSIGNOR HEREBY further covenants and agrees that it will communicate to the said ASSIGNEE, his successors, legal representatives and assigns, any facts known to it respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, his successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN WITNESS WHEREOF, the undersigned inventor has affixed his signature.

1. 

Christophe Larwerys
Residence Address: Kessel-lo, Belgium

April 21, 2005
Date

2. 

Jan Swevers
Residence Address: Meldert, Belgium

April 21, 2005
Date

WASHINGTON 144383v1

RECORDED: 05/10/2005

PATENT
REEL: 016210 FRAME: 0135