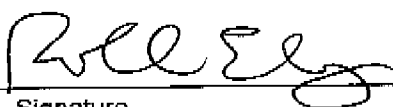
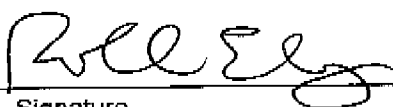
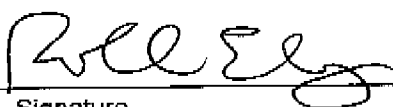


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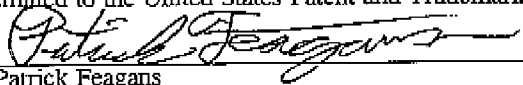
RECORDATION FORM COVER SHEET
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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of Conveying Party(ies): AB VOLVO 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: Volvo Car Corporation Address: S-405 31 Göteborg Sweden			
3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: _____ Execution Date: July 24, 2003	Additional name(s) and address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
4. Application number(s) or patent number(s): _____ This document is being filed with a new application, the execution date of the application is: <table style="width: 100%;"> <tr> <td style="width: 50%;"> A. Patent Application No(s). 09/700,197 </td> <td style="width: 50%;"> B. Patent No(s). </td> </tr> </table> Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		A. Patent Application No(s). 09/700,197	B. Patent No(s).	
A. Patent Application No(s). 09/700,197	B. Patent No(s).			
5. Name and address of party to whom correspondence concerning document should be mailed: Customer No.: 000466 YOUNG & THOMPSON Second Floor 745 South 23rd Street Arlington, VA 22202 Phone: 703-521-2297 / Fax: 703-685-0573	6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37 CFR 3.41).....\$40.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit Account No. 25-0120 (Attach duplicate copy of this page if paying by deposit account)			
DO NOT USE THIS SPACE				
9. Statement and signature. <i>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.</i> <table style="width: 100%;"> <tr> <td style="width: 35%;"> Roland E. Long, Jr. Name of Person Signing </td> <td style="width: 35%; text-align: center;">  Signature </td> <td style="width: 30%; text-align: right;"> August 18, 2003 Date </td> </tr> </table> Total number of pages including cover sheet, attachments, and documents: <u>2</u>		Roland E. Long, Jr. Name of Person Signing	 Signature	August 18, 2003 Date
Roland E. Long, Jr. Name of Person Signing	 Signature	August 18, 2003 Date		

Certificate of Transmission

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office on August 18, 2003.


 Patrick Feagans

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PATENT
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ASSIGNMENT

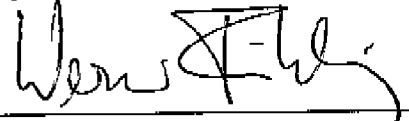
WHEREAS, **AB VOLVO** is the owner of the entire right, title and interest, by virtue of an assignment recorded on 27 February 2001, on Reel 011563, frame 0534, in and to United States Patent Application Serial No. 09/700,197, filed 20 February 2001.

AND WHEREAS, **Volvo Car Corporation**, located and doing business at S-405 31 Göteborg, Sweden, is desirous of acquiring all of **AB VOLVO**'s interest therein:

NOW THEREFORE, be it known by all whom it may concern, that for and in consideration of good and valuable consideration to **AB VOLVO** in hand paid, the receipt of which is hereby acknowledged, **AB VOLVO** has assigned, sold, and set over, and by these presents does hereby assign, sell and set over unto the said **Volvo Car Corporation** the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all patents which may be granted therefor in the United States, for its sole use and behoof, and for the use and behoof of its legal representatives, to the full end of the term for which said patents may be granted, as fully and entirely as the same would have been held by **AB VOLVO** had this assignment and sale not been made.

AB VOLVO hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said United States patents to said assignee.

AB VOLVO

By: 

Werner Fröhling

Title: Head of Patent Department

Date 24 July 2003