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U.S. PTO  
09/664882  
09/19/00

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
ASSIGNMENT BRANCH

Watts, Hoffmann, Fisher & Heinke Co., L.P.A.  
P.O. Box 99839  
Cleveland, Ohio 44199-0839  
Telephone: (216) 241-6700  
Docket No.: 15-736

Assistant Commissioner for Patents  
**ATTENTION: ASSIGNMENT BRANCH**  
Washington, D. C. 20231

09/664882

Dear Sir:

Please record the attached original document(s) or copy thereof as follows:

*Conveying Party:* Tommy G. Gustavsson

*Receiving Party:* Volvo Trucks North America, Inc.  
*Address:* 7900 National Service Road  
Greensboro, N.C. 27409

*Nature of Conveyance:* Assignment

*Date of Execution:* September 18, 2000

Please record against:

*Patent No(s):*

*Application No(s):* not yet assigned

*No. of Patent(s):* *No. of Application(s):* 1

*If this document is being filed together with a new application, the execution date of the application is: September 18, 2000. (Payment for the recordal fees has been included in the check in the amount of \$730.00 accompanying the application.)*  
(or)

A check in the amount of \$ for the recordal fees is enclosed.

9-19-00  
Chen Wanda

By certifying that this paper is being delivered by the U.S. Postal Service as Express Mail, the Assistant Commissioner for Patents, Washington, D.C. certifies that this paper is being delivered by the U.S. Postal Service as Express Mail.

EL39159089845

XX Please charge any additional fees, or credit any overpayment, to Deposit Account 23-0630.

Total number of pages including cover sheet, attachments and document: 23

To my best knowledge and belief, the foregoing information is true and correct. Please correspond with Watts, Hoffmann, Fisher & Heinke at the above address.

Respectfully submitted,

September 19, 2000  
Date

Kenneth J. Smith  
Kenneth J. Smith  
Reg. No.: 45,115

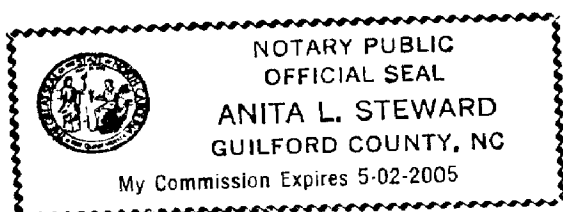
## ASSIGNMENT

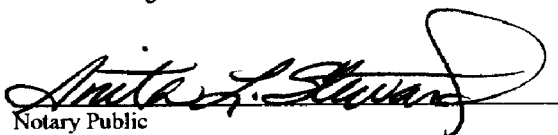
IN CONSIDERATION of One Dollar and other good and valuable consideration, receipt of which is hereby acknowledged, I, Tommy G. Gustavsson, a citizen of Sweden, and residing at 1603 Dedham Court., Greensboro, N.C. 27407, do hereby sell, transfer, set over and assign unto Volvo Trucks North America, Inc., a Delaware corporation with a principal place of business at 7900 National Service Road, Greensboro, N.C. 27409, its successors, assigns, nominees, or other legal representatives, the entire right, title and interest in and to the invention entitled ENGINE CONTROL SYSTEM FOR PROVIDING INCENTIVE TO DRIVERS, invented by me and the application for United States patent therefor, executed concurrently herewith, and all original and reissued patents granted therefor, and all divisions and continuations thereof, including the subjects-matter of any and all claims which may be obtained in every such patent, and the right to apply for and obtain patents in countries foreign to the United States, and in and to any Letters Patent which may be granted thereon in such foreign countries, and authorize and 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 on applications as aforesaid, to issue the said Letters Patent to the said Volvo Trucks North America, Inc., its successors, assigns, nominees or other legal representatives, as assignee and owner of the said entire interest, and covenant that I have full right to convey said entire interest herein assigned and that I have not executed and will not execute any agreement in conflict herewith, and agree that I will communicate to said Volvo Trucks North America, Inc., its successors, assigns, nominees or other legal representatives, all facts known to me respecting said invention, whenever requested, and testify in any legal proceedings, sign all lawful papers, execute and deliver all divisional, continuing and reissue applications, make all rightful oaths and do all lawful acts requisite for the application for such divisional, continuing or reissue applications, or the procuring thereof, and that if and when said Volvo Trucks North America, Inc., its successors, assigns, nominees or other legal representatives desire to file a disclaimer relating thereto, I will upon request, sign and deliver all lawful papers requisite for the filing of such disclaimer, and I further covenant and agree that I will, at any time upon request, do everything legally possible to aid said Volvo Trucks North America, Inc., its successors, assigns, nominees or other legal representatives, either in its or my own name, to apply for, obtain and enforce proper patent protection in all countries, including priority rights granted to patents in foreign countries according to all the laws and treaties in force, all without further consideration but at the expense of said Volvo Trucks North America, Inc., its successors, assigns, nominees or other legal representatives.

  
Tommy G. Gustavsson

State of North Carolina                     )  
  ) SS  
County of Guilford                         )

This 18 day of September, 2000, before me personally came the above-named Tommy G. Gustavsson to me personally known as the individual who executed the foregoing assignment, and who acknowledged to me that he executed the same of his own free will for the purpose therein set forth.



  
Notary Public

RECORDED: 09/19/2000

PATENT  
REEL: 011134 FRAME: 0005