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JUL 0 3 2000 tents & Trademarks: Please record the attached original documents or copy To the Hon. Commissioner of thereof. Name of conveying party(ies): Name and address of receiving party(ies): Stellan TENGROTH and Name: Bengt LARSSON VOLVO LASTVAGNAR AB Additional name(s) of conveying party(ies) attached? [ ] Yes [X] No Street Address: S-405 08 Gothenburg, Sweden 3. Nature of conveyance: [X] Assignment [ ] Merger [ ] Security Agreement [ ] Change of Name [ ] Other Execution Dates: November 29, 1999 4. Application number(s) or patent (numbers): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No(s). B. Patent No(s). 09/381,171 Additional numbers attached? [ ] Yes [X] No 5. Name and address of party to whom corre-6. Total number of applications and patents spondence concerning document should involved: be mailed: 1 7. Total fee (37 CFR 3.41).....\$ 40 YOUNG & THOMPSON [ ] Enclosed Second Floor [X] Authorized to be charged to de-745 South 23rd Street posit Arlington, VA 22202 account 8. Deposit Account No. 25-0120 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE Statement and signature. 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. Mary Shelton 2000

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Total number of pages including cover sheet: [2]

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**PATENT** REEL: 010921 FRAME: 0117

Date

## ASSIGNMENT

WHEREAS, we, Bengt Larsson and Stellan Tengroth, hereafter referred to as "applicants", have invented certain new and useful improvements in "Four-stroke diesel engine with catalytic converter",

- (a) for which an application for a United States patent was filed on, Application No.
- (b) for which an application for a United States patent was executed on November 29, 1999 and

WHEREAS, Volvo Lastvagnar AB, of S-405 08 Gothenburg, Sweden, hereinafter referred to as "assignee", is desirous of acquiring the entire right, title and interest in and to the same;

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00), the receipt whereof is acknowledged, and other good and valuable consideration, applicants, by these presents, do hereby sell, assign and transfer unto said assignee 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 applicants had this assignment and sale not been made.

Applicants hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States patents to said assignee.

Date: 29 nov 1999

Bengt Larsson

Stellan Tengroth

RECORDED: 07/03/2000 REEL: 010921 FRAME: 0118