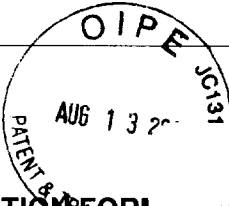


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**Correspondent Name and Address**

Area Code and Telephone Number

703-648-8500

Name Tracy W. Druce

Address (line 1) KILPATRICK STOCKTON LLP

Address (line 2) 11130 Sunrise Valley Drive, Suite 300

Address (line 3) Reston, VA. 20191

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PCT

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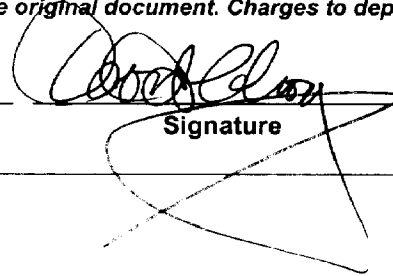
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To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

David P. LeCroy

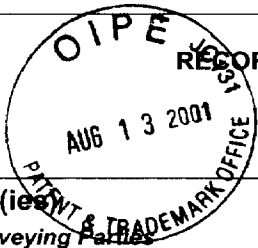
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Name (line 1)

Name (line 2)

Name (line 1)

Name (line 2)

Execution Date  
Month Day Year

Execution Date  
Month Day Year

Execution Date  
Month Day Year

**Receiving Party(ies)**

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Name (line 1)

Name (line 2)

Address (line 1)

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**Application Number(s) or Patent Number(s)**

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**Patent Application Number(s)**

**Patent Number(s)**

**ASSIGNMENT**

THIS ASSIGNMENT, by (Inventors' Name) Göran ALMKVIST, Jan KNUTTSON, Jan-Erik LARSSON, Henrik MAGNÉ, and Lars ALLERVÄG, (hereinafter referred to as the Assignors), witnesseth:


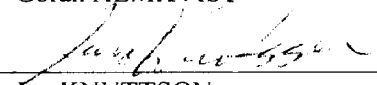
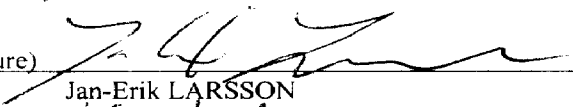
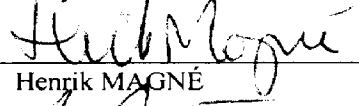

WHEREAS, said Assignors have invented certain new and useful improvements in a: METHOD OF REDUCING EMISSIONS IN THE EXHAUST GASES FROM AN INTERNAL COMBUSTION ENGINE set forth in an application for Letters Patent of the United States, bearing an Unknown Application No. and filed on 26 April 2001.

WHEREAS, VOLVO PERSONVAGNAR AB, a corporation duly organized under and pursuant to the laws of Sweden, and having a principal place of business at: SE-405 08 Göteborg, Sweden (hereinafter referred to as the Assignee) is desirous of acquiring the entire right, title and interest in and to said inventions and applications for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW, THEREFORE, in consideration of one Dollar (\$1.00 USD) and other good and sufficient considerations, the receipt of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents does sell, assign, transfer and set over, unto said assignee, its successors, legal representatives and assigns, assignors' interest in the entire right, title and interest in and to the above-mentioned inventions, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations, and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee, for its own use and behoof and the use and behoof of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said assignors are the lawful owners of the entire right, title and interest in and to said invention and the application for Letters Patent above mentioned, and that the same is unencumbered and that said assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

(Date) <u>06/01/2001</u>	(Signature) <u></u> Göran ALMKVIST
(Date) <u>06/05/2001</u>	(Signature) <u></u> Jan KNUTTSON
(Date) <u>06/05/2001</u>	(Signature) <u></u> Jan-Erik LARSSON
(Date) <u>06/01/2001</u>	(Signature) <u></u> Henrik MAGNÉ
(Date) <u>06/01/2001</u>	(Signature) <u></u> Lars ALLERVÄG