

02-27-2002

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To the Honorable Commissioner of Patents

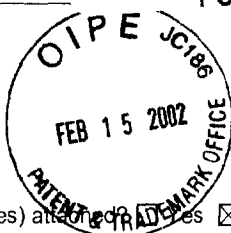
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... the attached original documents or copy thereof.

1. Name of conveying party(ies):  
Jean-Pierre MARCIL

2-15-02

Additional name of conveying party(ies) attached ☒ Yes ☐ No



2. Name and address of receiving party(ies)

Name: Volvo Car Corporation

Internal Address: SE-405 31 Göteborg

SWEDEN

Street Address:

City: State: Zip:

Additional Name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other

Execution Date: 1/31/02

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution data of the application is:

A. Patent Application No.(s)

09/683,283

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning this document should be mailed:

Name: David P. LeCroy

Internal Address: KILPATRICK STOCKTON LLP

Street Address: 11130 Sunrise Valley Drive, Suite 300

City: Reston State: VA Zip: 20191

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) . . . . . \$ 40.00

☒ Enclosed

☐ Authorized to be charged to deposit account

8. Deposit account number:

(Attach duplicate copy of this page if paying by deposit account)

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9. 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.

David P. LeCroy

Name of Person Signing

Signature

2/15/02

Date

Total number of pages including cover sheet, attachments, and documents: 2

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

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PATENT  
REEL: 012602 FRAME: 0426

### ASSIGNMENT

THIS ASSIGNMENT, by **Jean-Pierre MARCIL** (hereinafter referred to as the Assignor),  
witnesseth:

WHEREAS, said Assignor has invented certain new and useful improvements in a:  
**INTERNAL COMBUSTION ENGINE**, set forth in an application for Letters Patent of the United  
States bearing Application No. 09/683,283 and filed on 7 December 2001.

WHEREAS, **Volvo Car Corporation**, a corporation duly organized under and pursuant to the  
laws of the Kingdom of Sweden, and having a principal place of business at SE-405 31 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) Jan 31 2002

(Signature) \_\_\_\_\_

**Jean-Pierre MARCIL**