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30 MAR 2000

FORM PTO-1619A
Expires 06/30/99
OMB 0651-0027

05-04-2000



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U.S. Department of Commerce
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Conveyance Type

Assignment Security Agreement

License Change of Name

Merger Other

U.S. Government
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Departmental File Secret File

Conveying Party(ies)

Mark if additional names of conveying parties attached

Name (line 1) HARDE, Bo

Name (line 2)

Execution Date
Month Day Year
03 21 2000

Second Party

Name (line 1) GREGER, Lars

Name (line 2)

Execution Date
Month Day Year
03 21 2000

Receiving Party

Mark if additional names of receiving parties attached

Name (line 1) Volvo Personvagnar AB

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3) Goteborg Sweden S-405 08

City State/Country Zip Code

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

Address (line 1)

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Address (line 3)

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Pages

Enter the total number of pages of the attached conveyance document including any attachments.

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Application Number(s) or Patent Number(s)

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

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If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number has not been assigned.

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Number of Properties

Enter the total number of properties involved.

#

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$

Method of Payment:
Deposit Account

Enclosed Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

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Authorization to charge additional fees:

Yes No

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. Charges to deposit account are authorized, as indicated herein.

ARNOLD H. KRUMHOLZ



March 30, 2000

Name of Person Signing

Signature

Date

09/509613

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RECORDATION FORM COVER SHEET CONTINUATION PATENTS ONLY

U.S. Department of Commerce
Patent and Trademark Office
PATENT

Conveying Party(ies)

Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1) BAKIR, Hussein

Execution Date
Month Day Year
03212000

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Execution Date
Month Day Year

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Execution Date
Month Day Year

Name (line 2)

Receiving Party(ies)

Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1)

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

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Address (line 2)

Address (line 3) City State/Country Zip Code

Name (line 1)

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3) City State/Country Zip Code

Application Number(s) or Patent Number(s)

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

ASSIGNMENT

WHEREAS, Bo HARDE, Lars GREGER and Hussein BAKIR

as assignor(s), has/have invented improvements in

FUEL TANK DEVICE

_____ for which an Application for United States Letters Patent has been executed by me on even date herewith.

_____ for which U.S. Application Serial No. _____ for Letters Patent was filed in the U.S. Patent and Trademark Office.

X for which an International Application was filed on 20 August 1999 as PCT/SE99/01415, designating the United States.

AND WHEREAS, Volvo Personvagnar AB, S-405 08 Göteborg, Sweden

as assignee, is desirous of acquiring all right, title and interest in and to said invention and any Letters Patent that may be granted therefor.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, I as assignor hereby sell, assign and set over to said assignees the entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid application for Letters Patent, all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignees herein, as assignees of the entire interest therein; and the undersigned for himself/themselves and his/their legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignees or its assigns, to communicate to said assignees or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignees, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses incident to said applications to be borne and paid by said assignees.

And I/we do hereby authorize my/our attorneys to insert on this deed the filing date and serial number of said application when known.

21 March 2000
Date

[Signature]
Witness

[Signature]
Name Bo HARDE

21 March 2000
Date

[Signature]
Witness

[Signature]
Name Lars GREGER

21 March 2000
Date

[Signature]
Witness

[Signature]
Name Hussein BAKIR

Date

Witness

Name