

Form PTO-1595

(Rev. 03/01)

OMB No. 0651-0027 (exp. 5/31/2002)

RECORDATION FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE
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To the Honorable Commissioner of Patents and Trademarks: Please Record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Jan HAGGANDER

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

3. Nature of conveyance:

- ☐ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name

☒ **Re-Submission Pursuant to Notice of Non-Recordation – DOCUMENT ID NO.: 800007196 (attached).**Execution Date: 06/30/2003

2. Name and address of receiving party(ies)

Name: VOLVO AERO CORPORATIONInternal Address: S-461 81 Trollhattan, SWEDEN

Street Address: _____

City: _____ State: _____ Zip: _____

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

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)

10/604,333

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: Howrey Simon Arnold & White LLP (Cust. No. 28694)Internal Address: Tracy W. DruceStreet Address: 1299 Pennsylvania Ave, NWBox 34City: Washington State: DC Zip: 200046. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41) \$ 40.00

- ☒ PREVIOUSLY PAID
☐ Authorized to be charged to deposit account

8. Deposit account number:

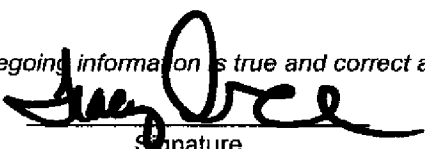
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9. Statement and signature.

*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.*Tracy W. Druce

Name of Person Signing


Signature07/21/2003

Date

Total number of pages including cover sheet, attachments, and documents: 4

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

Commissioner of Patents & Trademarks, Box Assignments

700037003

PATENT
REEL: 013812 FRAME: 0717

PATENT ASSIGNMENT

Electronic Version v07

Stylesheet Version v02

**07/11/2003
800007196**

SUBMISSION TYPE:	NEW ASSIGNMENT	APPLICATION NUMBER 10/604333												
NATURE OF CONVEYANCE:	ASSIGNMENT OF ASSIGNOR'S INTEREST													
CONVEYING PARTY DATA														
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Jan HAGGANDER</td><td>2003-06-30</td></tr></tbody></table>			Name	Execution Date	Jan HAGGANDER	2003-06-30								
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Jan HAGGANDER	2003-06-30													
RECEIVING PARTY DATA														
<table border="1"><thead><tr><th>Name</th><th>Street Address</th><th>Internal Address</th><th>City</th><th>State/Country</th><th>Postal Code</th></tr></thead><tbody><tr><td>VOLVO AERO CORPORATION</td><td></td><td></td><td>Trollhattan</td><td>SWEDEN</td><td>S-461 81</td></tr></tbody></table>			Name	Street Address	Internal Address	City	State/Country	Postal Code	VOLVO AERO CORPORATION			Trollhattan	SWEDEN	S-461 81
Name	Street Address	Internal Address	City	State/Country	Postal Code									
VOLVO AERO CORPORATION			Trollhattan	SWEDEN	S-461 81									
CORRESPONDENCE DATA														
FAX NUMBER: 202.383.6610 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> When the customer number has been provided, the Office of Public Records will obtain the correspondence data from the official record on file at the USPTO. CUSTOMER NUMBER: 083038														
NAME OF PERSON SIGNING:	Tracy W. Druce													
DATE SIGNED:	2003-07-11													
Total Attachments: 1 source=Assignment.tif														

CH \$40.00 083038 10604333

Attorney Docket No. 07389.0117.PCUS00**ASSIGNMENT**

THIS ASSIGNMENT, by Jan HÄGGANDER (hereinafter referred to as the Assignor),
witnesseth:

WHEREAS, said Assignor has invented certain new and useful improvements in a **ROCKET ENGINE MEMBER AND METHOD FOR MANUFACTURING A ROCKET ENGINE MEMBER**, set forth in an application for Letters Patent of the United States filed herewith.

WHEREAS, **VOLVO AERO CORPORATION**, a corporation duly organized under and pursuant to the laws of the Kingdom of Sweden, and having a principal place of business at: S-461 81 Trollhättan, 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 assignor has 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, assignor's 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 assignor, had this sale and assignment not been made.

AND for the same consideration, said assignor hereby covenants and agrees to and with said assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said assignor is 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 assignor has 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 assignor hereby covenants and agrees to and with said assignee, its successors, legal representatives and assigns, that said assignor 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) 03-06-20

(Signature) _____

Jan HÄGGANDER