OMB No. 0651-0027 (exp. 5/31/2002)	2-2004 <b>U.S. DEPARTMENT OF COM</b> U.S. Patent and Trademark
CMB N0. 0051-0027 (exp. 5/31/2002)	
Table settings $(\Box)$ $(\Box)$ $(\Box)$ $(\Box)$	$\mathbf{T}$
To the Honorable Commissioner of Pa	568174 Second the attached original documents or copy thereof
1. Name of conveying party(ies):	2. Name and address of receiving party(ies)
Jan LUNDGREN; and Mats-Olof HAKANSSON	
	Name: VOLVO AERO CORPORATION
	Internal Address: SE-461 81 Trollhattan, SWEDEN
Additional name of conveying party(ies) attached?	No
3. Nature of conveyance:	
Assignment D Merger	Street Address:
Security Agreement Change of Name	City:State:Zip:
Other	Additional Name(s) & address(es) attached?
Execution Date: Both on 10/17/2003.	
<ol><li>Application number(s) or patent number(s):</li></ol>	
If this document is being filed together with a new applica	··· <u> </u>
A. Patent Application No.(s) 10/605,372	B. Patent No.(s)
10/003,372	
Additional numbers	attached? 🗋 Yes 🛛 No
5. Name and address of party to whom correspondence	6. Total number of applications and patents involved: 1
concerning this document should be mailed:	
<b>U</b>	
Name: Tracy W. Druce	- 7. Total fee (37 CFR 3.41) \$ <u>40.00</u>
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Name: Tracy W. Druce	Enclosed
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Name <u>: Tracy W. Druce</u> Internal Address: Howrey Simon Arnold & White LLP	Enclosed
Name <u>: Tracy W. Druce</u> Internal Address: <u>Howrey Simon Arnold &amp; White LLP</u> Street Address: <u>1299 Pennsylvania Ave, NW</u>	<ul> <li>Enclosed</li> <li>Authorized to be charged to deposit account</li> </ul>
Name:       Tracy W. Druce         Internal Address:       Howrey Simon Arnold & White LLP         Street Address:       1299 Pennsylvania Ave, NW         Box 34       Box 34	<ul> <li>Enclosed</li> <li>Authorized to be charged to deposit account</li> <li>8. Deposit account number:</li> </ul>
Name <u>: Tracy W. Druce</u> Internal Address: <u>Howrey Simon Arnold &amp; White LLP</u> Street Address: <u>1299 Pennsylvania Ave, NW</u>	<ul> <li>Enclosed</li> <li>Authorized to be charged to deposit account</li> <li>8. Deposit account number:</li> <li>08-3038</li> </ul>
Name:       Tracy W. Druce         Internal Address:       Howrey Simon Arnold & White LLP         Street Address:       1299 Pennsylvania Ave, NW         Box 34       City:         City:       Washington	<ul> <li>Enclosed</li> <li>Authorized to be charged to deposit account</li> <li>8. Deposit account number:</li> </ul>
Name:       Tracy W. Druce         Internal Address:       Howrey Simon Arnold & White LLP         Street Address:       1299 Pennsylvania Ave, NW         Box 34       City:         City:       Washington	<ul> <li>Enclosed</li> <li>Authorized to be charged to deposit account</li> <li>8. Deposit account number: 08-3038</li> <li>(Attach duplicate copy of this page if paying by deposit a</li> </ul>
Name:       Tracy W. Druce         Internal Address:       Howrey Simon Arnold & White LLP         Street Address:       1299 Pennsylvania Ave, NW         Box 34       Dity: Washington         City:       Washington         State:       D.C.         Zip:       20004         DO NOT U         9.       Statement and signature.	<ul> <li>Enclosed</li> <li>Authorized to be charged to deposit account</li> <li>8. Deposit account number:         <ul> <li>08-3038</li> <li>(Attach duplicate copy of this page if paying by deposit a</li> </ul> </li> <li>JSE THIS SPACE</li> </ul>
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Name:       Tracy W. Druce         Internal Address:       Howrey Simon Arnold & White LLP         Street Address:       1299 Pennsylvania Ave, NW         Box 34       Edits         City:       Washington         State:       D.C.         Zip:       20004         DO NOT U       DO NOT U         9.       Statement and signature.         To the best of my knowledge and belief, the foregoing imise a true copy of the original document.         Tracy W. Druce         Name of Person Signing         Total number of pages includir         Mail documents to be recorded w         004 ECODPER       00000217	<ul> <li>Enclosed</li> <li>Authorized to be charged to deposit account</li> <li>8. Deposit account number:         <ul> <li>08-3038</li> <li>(Attach duplicate copy of this page if paying by deposit account and any attached copy</li> <li>Dise THIS SPACE</li> </ul> </li> <li>formation is true and correct and any attached copy</li> <li>Dignature Date</li> <li>Dignature Date</li> </ul>
Name:       Tracy W. Druce         Internal Address:       Howrey Simon Arnold & White LLP         Street Address:       1299 Pennsylvania Ave, NW         Box 34       Edited and State:         City:       Washington         State:       D.C.         Zip:       20004         DO NOT L       DO NOT L         9.       Statement and signature.         To the best of my knowledge and belief, the foregoing intise a true copy of the original document.         Tracy W. Druce         Name of Person Signing         Total number of pages including         Mail documents to be recorded w         004 ECOOPER       00000217	<ul> <li>Enclosed</li> <li>Authorized to be charged to deposit account</li> <li>8. Deposit account number:         <ul> <li>08-3038</li> <li>(Attach duplicate copy of this page if paying by deposit a</li> </ul> </li> <li>USE THIS SPACE         <ul> <li>formation is true and correct and any attached copy</li> <li>02/06/2004</li> <li>Bignature</li> <li>Date</li> <li>ng cover sheet, attachments, and documents: 2</li> <li>Attach attachments, and documents: 2</li> <li>Attach attachments</li> </ul> </li> </ul>

PATENT REEL: 014962 FRAME: 0208

## ASSIGNMENT

THIS ASSIGNMENT, by Jan WIGREN and Mats-Olov HANSSON (hereinafter referred to collectively as the Assignor), witnesseth:

WHEREAS, said Assignor has invented certain new and useful improvements in a: **THERMAL BARRIER COATING AND A METHOD OF APPLYING SUCH A COATING**, set forth in a Application for Letters Patent of the United States bearing application no. <u>10/605,372</u> and filed September 25, 2002.

WHEREAS, <u>VOLVO AERO CORPORATION</u>, a corporation duly organized under and pursuant to the laws of the <u>Kingdom of Sweden</u>, and having a principal place of business at: <u>SE-461 81</u> <u>Trollhättan, SWEDEN</u>, (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 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 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) Oct 17,03	(Signature) Jan WIGREN
(Date) Oct 17,03	(Signature) Mats-Olof HANSSON

Page 1 of 1

## PATENT REEL: 014962 FRAME: 0209

**RECORDED: 02/06/2004**