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U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office
Docket No. 041618-76

To the I. 102988483	Please record the attached original documents or copy thereof.
Name of conveying party(ies): (1) David HEAPS (2) Andrew G. L. BLACKWOOD	Name and address of receiving party(ies) Name: Wabco Automotive UK Limited Street Address: Beacon Works, Texas Street,
Additional name(s) of conveying party(ies) attached? ☐ Yes ☐ No	City: Morley State: Leeds Zip:
3. Nature of conveyance:	Country: Great Britain Postal Code: LS27 OHQ
□ Assignment □ Merger □ Security Agreement □ Change of Name □ Other □ Change of Name	Additional name(s) & address(es) attached? ☐ Yes ☒ No
Execution Date(s):	
1 st Inventor: March 14, 2005 2 nd Inventor: March 14, 2005	
4. Application number(s) or patent number(s);	
If this document is being filed together with a new appl	
A. Patent Application No.(s) 10/499,369	B. Patent No.(s)
Additional numbers att	ached? ☐ Yes ☐ No
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
Attornay Nama: Jaffray I. Castallia	7. Total fee (37 CFR 3.41)\$40.00
Attorney Name: Jeffrey L. Costellia	☐ Enclosed
Firm Name: Nixon Peabody LLP	☑ Authorized to be charged to deposit account
Internal Address: Suite 900	
	8. Deposit account number:
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Jeffrey L. Costellia	April 6, 2005
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PATENT	S ONLY U.S. Patent and Trademark Office Docket No. 041618-76
To the Honorable Commissioner of Patents and Trademarks:	Please record the attached original documents or copy thereof.
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Additional name(s) of conveying party(ies) attached? 3. Nature of conveyance: Assignment Security Agreement Other Execution Date(s): 1st Inventor: March 14, 2005 2nd Inventor: March 14, 2005	City: Morley State: Leeds Zip: Country: Great Britain Postal Code: LS27 OHQ Additional name(s) & address(es) attached? Yes No
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Attorney Docket No. 041618-76

For	good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, as a below
nan	ned inventor, I hereby sell and assign to Wabco Automotive UK Limited
of	Beacon Works, Texas Street, Morley, Leeds LS27 0HQ Great Britain
its	successors and assigns or other legal representatives all my rights, title and interest, in and for the United
Staf	tes of America, in and to
	VACUUM PUMP
inv	ented by me (if only one is named below) or us (if plural inventors are named below) and described in the
	olication for United States Letters Patent therefore, internationally filed on December 17, 2002 and assigned
	ernational Application No. PCT/GB02/05717 and all United States Letters Patent which may be granted
	refore, and all divisions, continuations, reissues, reexaminations and extensions thereof, the said interest
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	tomotive UK Limited, its successors, assigns or other legal representatives, to the full end of the term for
	ich said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed
	me or us if this assignment and sale had not been made;
٠, ٠	and of the first deep game and the seed and and,
	And I hereby agree to sign and execute any further documents or instruments which may be necessary,
law	ful, and proper in the prosecution of the above-named application or in the preparation and prosecution of
any	continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any
ame	endment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;
	And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said
<u>Wa</u>	bco Automotive UK Limited
	(Full Name) (Signature)
1.	Date: David HEAPS 14/3/05
	Residence: Same as Post Office Address Citizen of: <u>UNITED KINGDOM</u>
	Post Office Address: c/o WABCO AUTOMOTIVE UK LIMITED, Beacon Works, Texas Street, Morley.
	Leeds LS27 0HQ Great Britain
	$\frac{1}{2}$
2.	Date: 14-03-05 Inventor: Andrew G.L. BLACKWOOD A. Blackwood
	Residence: Same as Post Office Address Citizen of: UNITED KINGDOM
	Post Office Address: c/o WABCO AUTOMOTIVE UK LIMITED, Beacon Works, Texas Street, Morley,
	Tarada I COZ OHO Carad Daidain
	Leeds LS27 0HQ Great Britain
3.	
3.	Date: Inventor:
3.	Date: Inventor: Residence: Same as Post Office Address Citizen of:
3.	Date: Inventor:
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