

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
DAVID HEAPS	09/20/2016
PHILLIP SAXTON	09/20/2016
PETER TODMAN	09/20/2016
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<b>State/Country:</b>	BELGIUM
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15306108
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<b>NAME OF SUBMITTER:</b>	THOMAS P. CANTY
<b>SIGNATURE:</b>	/Thomas P. Canty/
<b>DATE SIGNED:</b>	10/24/2016
<b>Total Attachments: 2</b>	
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**ASSIGNMENT**

I, David Heaps, residing at 6 Jacobs Lane; Haworth BD22 8RY; GREAT BRITAIN;  
and

I, Phillip Saxton, residing at 1 King George Grove; Morley Leeds LS27 8LN;  
GREAT BRITAIN; and

I, Peter Todman, residing at 20 Station Rd.; Upper Poppleton York YO26 6PY;  
GREAT BRITAIN;

and each of us, if more than one person is identified above, have invented and own a certain  
invention entitled:

VACUUM PUMP AND SYSTEM OF A VACUUM PUMP AND AN ENGINE

for which invention International Application No. PCT/EP2015/000886 was filed on April  
30, 2015, designating the U.S. and

**WHEREAS,**

WABCO Europe BVBA

having an address at Chaussee de la Hulpe 166; 1170 Brussels; Belgium,

hereinafter referred to as Assignee, is desirous of acquiring the entire domestic and foreign  
right, title, and interest in and under the invention described in the above patent application.

**NOW, THEREFORE,** for good and valuable consideration, the receipt and sufficiency  
of which are hereby acknowledged, I/we assign and transfer to the Assignee and the  
Assignee's legal representatives, successors and assigns my/our full and exclusive rights in  
and to the invention in the U.S. and every foreign country and my/our entire right, title, and  
interest in and to the patent application and other such applications (e.g., provisional  
applications, non-provisional applications, continuations, continuations-in-part, divisionals,  
reissues, reexaminations, National phase applications, including petty patent applications, and  
utility model applications) that may be filed in the United States and every foreign country on  
the invention, and the patents, extensions, or derivations thereof, both foreign and domestic,

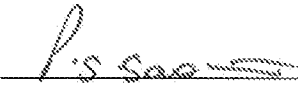
that may issue thereon, and I/we do hereby authorize and request the Commissioner of Patents to issue U.S. patents to the above-mentioned Assignee agreeably with the terms of this assignment document.

UPON SAID CONSIDERATION, I/we convey to the Assignee the right to make application in its own behalf for protection of the invention in the U.S. and countries foreign to the U.S. and to claim under the Patent Cooperation Treaty, the International Convention and/or other international arrangement for any such application the date of the U.S. application (or any other application on the invention) to gain priority with respect to other applications.

I/WE DO HEREBY COVENANT and agree with the Assignee that I/we will not execute any writing or do any act whatsoever conflicting with the terms of this assignment document set forth herein, and that I/we will at any time upon request, without further or additional consideration, but at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this assignment, and render all necessary assistance in making application for and obtaining original, continuation, continuation-in-part, divisional, reissued, reexamined, and National phase patents of the U.S. or of any and all foreign countries on the invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, and by executing statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of all parties hereto.

Date 20/09/16. 

David Heaps, Inventor

Date 20/09/2016 

Phillip Saxton, Inventor

Date 20/09/2016 

Peter Todman, Inventor