

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT4602424

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ROBERT HILL	09/18/2017
ANDREW PAUL SMITH	09/18/2017
JAMES STEPHEN IRONSIDE	09/18/2017
MATTHEW LARNER	09/18/2017
RECEIVING PARTY DATA	
Name:	TRW LIMITED
Street Address:	STRATFORD ROAD
City:	SOLIHULL, WEST MIDLANDS
State/Country:	GREAT BRITAIN
Postal Code:	B90 4AX
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15544265
CORRESPONDENCE DATA	
Fax Number:	(419)255-9639
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	419-255-5900
Email:	docketing@mstfirm.com
Correspondent Name:	MACMILLAN, SOBANSKI & TODD, LLC
Address Line 1:	720 WATER STREET
Address Line 2:	ONE MARITIME PLAZA, 5TH FLOOR
Address Line 4:	TOLEDO, OHIO 43604
ATTORNEY DOCKET NUMBER:	1-58931
NAME OF SUBMITTER:	DOUGLAS V. PAVELKO
SIGNATURE:	/Douglas V. Pavelko/
DATE SIGNED:	09/20/2017
Total Attachments: 2	
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ASSIGNMENT

FOR VALUE RECEIVED, We, Robert Hill, a citizen of Great Britain, residing at 14 Foxcote Close, Winyates East, Redditch, Worcestershire, B98 0PR Great Britain, Andrew Paul Smith, a citizen of Great Britain, residing at 21 Tredington Park, Hatton Park, Warwick, Warwickshire, CV35 7TT Great Britain, James Stephen Ironside, a citizen of Great Britain, residing at 94 Raddlebarn Farm Drive, Birmingham, West Midlands, B29 6UW Great Britain, and Matthew Lerner, a citizen of Great Britain, residing at 66 Wherretts Well Lane, Solihull, West Midlands, B91 2SD Great Britain, do hereby sell, assign, transfer and convey unto TRW LIMITED, an English corporation organized under the laws of Great Britain, having an office at Stratford Road, Solihull West Midlands B90 4AX, Great Britain, its successors, assigns and legal representatives (hereinafter called the "Assignee"), our entire right, title and interest, for the United States and its territorial possessions, in and to certain inventions relating to IMPROVEMENTS IN TORQUE SENSORS, as described in U.S. Patent Application 15/544,265 filed July 18, 2017, which claims priority from PCT/GB2016/050111 filed January 19, 2016, which claims priority from GB 1500876.6 filed January 19, 2015 having Attorney Docket No. 1-58931, and in and to said application, any patent applications claiming priority to said application, and all divisions, renewals, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues and extensions thereof, and all other lawful forms of protection for said inventions in the United States and its territories.

AND we authorize and empower our attorneys at MacMillan, Sobanski & Todd, One Maritime Plaza, Fifth Floor, 720 Water Street, Toledo, Ohio 43604 USA, to complete the filing information above when it becomes known.

AND we authorize and empower the said Assignee or nominee to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, in the United States and its territories, the benefit of the right of priority provided by any international convention or agreement including, but not limited to, the Paris Convention for the Protection of Industrial Property, as amended, the Patent Cooperation Treaty, as amended, or by any convention which may henceforth be substituted therefor, and to invoke and claim such right of priority without further written or oral authorization from us.

AND we hereby consent that a copy of this assignment shall be deemed a full and legal formal equivalent of any assignment, consent to file or like document which may be required in the United States for any purpose and more particularly in proof of the right of

said Assignee or nominee to claim the aforesaid benefit of the right of priority provided by any international convention or agreement.

AND we hereby covenant that we have the full right to convey our entire right, title and interest herein assigned and that we have not executed and will not execute any agreement in conflict herewith.

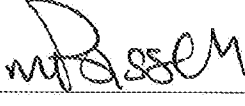
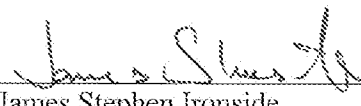
AND we hereby covenant and agree that we will communicate to said Assignee or nominee all facts known to us pertaining to said inventions, and reasonably assist in all legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and declarations and in general perform all lawful acts necessary or proper to aid said Assignee or nominee in obtaining, maintaining and enforcing all lawful patent protection and any other lawful form of protection for said inventions in the United States and its territorial possessions.

IN WITNESS WHEREOF, we have hereunto set our hands.

Signed In The Presence Of:

 Witness	 Robert Hill	<u>18-SEP-2017</u> Date
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 Witness	 Andrew Paul Smith	<u>18. Sep. 2017</u> Date
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 Witness	 James Stephen Ironside	<u>18/09/17</u> Date
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 Witness	 Matthew Larner	<u>18/09/2017</u> Date
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