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MALCOLM ERIC SPAREY, March 12, 2008; ADRIAN SZABO, March 6, 2008; GRAHAM WILLIAM WHITE, March 12, 2008; JEFFREY RONALD COLES, March 6, 2008; CONNELL BRETT WILLIAMS, March 11, 2008; YANGSHENG CHEN, March 4, 2008

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

2. Name and address of receiving party(ies)

Name: TRW LIMITED

Internal Address: _____

Street Address: Stratford Road, Solihull

City: West Midlands

State: _____

Country: Great Britain Zip: B90 4AX

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4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

11/632,111 filed January 10, 2007

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:

Name: John B. Molnar, Reg. No. 31,914

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720 Water Street

City: Toledo

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Email Address: molnar@mstfirm.com

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

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Authorized User Name MacMillan Sobanski Todd

9. Signature:

John B. Molnar
Signature

March 27, 2008

Date

John B. Molnar
Name of Person Signing

Total number of pages including cover

4

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ASSIGNMENT

FOR VALUE RECEIVED, We, MALCOLM ERIC SPAREY, a citizen of Great Britain, residing at 17 Cedar Drive, West Heath, Birmingham B31 3PE, Great Britain, ADRIAN SZABO, a citizen of Great Britain, residing at 21 Emerald Court, Chelmscote Road, Solihull, West Midlands B92 8BX, Great Britain, GRAHAM WILLIAM WHITE, a citizen of Great Britain, residing at 43 Stone Road, Hall Green, Birmingham B28 0QP, Great Britain, JEFFREY RONALD COLES, a citizen of Great Britain, residing at 64 Kineton, Green Road, Solihull, West Midlands B92 7EB, Great Britain, CONNELL BRETT WILLIAMS, a citizen of Great Britain, residing at 144 Leam Terrace, Leamington Spa CV31 1DN, Great Britain, and YANGSHENG CHEN, a citizen of China, with a mailing address of c/o TRW Limited, Stratford Road, Solihull, West Midlands B90 4GW, Great Britain, hereby sell, assign, transfer and convey unto TRW Limited, a 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 a MOTOR DRIVE VOLTAGE-BOOST CONTROL, as described in GB 0415511.5 filed July 10, 2004, and in a U.S. Application For Patent filed with the United States Patent and Trademark Office on or about January 10, 2007 as Application Serial No. 11/632,111, having Attorney Docket No. 28699, 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	<u>[Signature]</u>	<u>[Signature]</u>	<u>12 MAR 2008</u>
		MALCOLM ERIC SPAREY	Date
Witness	<u>[Signature]</u>	<u>[Signature]</u>	<u>6-3-08</u>
		ADRIAN SZABO	Date
Witness	<u>[Signature]</u>	<u>[Signature]</u>	<u>12/03/08</u>
		GRAHAM WILLIAM WHITE	Date
Witness	<u>[Signature]</u>	<u>[Signature]</u>	<u>6 MAR 2008</u>
		JEFFREY RONALD COLES	Date
Witness	<u>[Signature]</u>	<u>[Signature]</u>	<u>11 MAR 2008</u>
		CONNEL BRETT WILLIAMS	Date
Witness	<u>Y. H. Yang</u>	<u>Y. S. Chen</u>	<u>2008-3-4</u>
		YANGSHENG CHEN	Date

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Date: March 27, 2008

From: Kathryn L. Hetherwick for John B. Molnar, Reg. No. 31,914

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In re the Application of:)	
MALCOLM ERIC SPAREY, et al.)	Confirmation No. 1660
)	
Serial No. 11/632,111)	Group Art Unit:
)	
Filed: January 10, 2007)	Attorney Docket 1-28699
)	
For: MOTOR DRIVE VOLTAGE-BOOST)	
CONTROL)	

Any outstanding fees due in connection with this patent should be charged to Deposit Account No. 13-0005.

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