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To the Honorable Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
ALAN LESLIE HARRIS, June 16, 2003
ANDREW W. KINGSTON, June 11, 2003

2. Name and address of receiving party(ies):

Name: **TRW Limited**

Internal Address:

Additional names(s) of conveying party(ies) Yes No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
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Street Address: **Stratford Road**

Solihull B90 4AX, Great Britain

City: _____ State: _____ ZIP: _____

Execution Date: **See Above**

Additional name(s) & address(es) attached? Yes No

4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

B. Patent No.(s)

SN10/113,799 filed
April 1, 2002

Additional numbers attached? 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**

Name: **Allen W. Inks, Reg. No. 37,358**

7. Total fee (37 CFR 3.41):.....\$ **40.00**

Internal Address: **MacMillan, Sobanski & Todd, LLC**

Enclosed - Any excess or insufficiency should be credited or debited to deposit account

07/07/2003 GTON11 00000166 110417 10113799

01 FC:8021 40.00 DA

Authorized to be charged to deposit account

Street Address: **One Maritime Plaza, 4th Floor**

8. Deposit account number:

720 Water Street

11-0417

City: **Toledo** State: **OH** ZIP: **43604**

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Allen W. Inks

June 30, 2003

Name of Person Signing

Signature

3

Date

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PATENT
REEL: 014234 FRAME: 0674

ASSIGNMENT

FOR VALUE RECEIVED, We,

Alan Leslie HARRIS, of 24 Malvern Road, Balsall Common, Coventry CV7 7DU, Great Britain;

and

Andrew W. KINGSTON, of ~~Grobenstrasse 31, 55262 Heidesheim, Germany,~~*IM KOLLEUMP 8, 56323 WALDSEH, GERMANY,**June 25th 2003**75**ASW*

hereby sell, assign, transfer and convey unto TRW LIMITED, a corporation duly organized under the laws of Great Britain, having a place of business at Stratford Road, Solihull, 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, and in any and all foreign countries, in and to certain inventions which we have invented relating to an

PUMP MOTOR CONTROL IN ELECTRO-HYDRAULIC BRAKING SYSTEMS

as described in an application for Letters Patent of the United States

for which an application for a United States Patent was filed on November 24, 1999 Application Number 09/448,122.

for which an application for a United States Patent was executed on _____

and in and to said application, and all divisions, renewals, and continuations thereof, including United States Patent Application Number 10/113,799, filed on April 1, 2002, 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 in any and all foreign countries.

AND we authorize and empower the said Assignee or nominees 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 and in any and all foreign countries, 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 nominees to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

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 nominees 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 nominees 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 and in any and all foreign countries.

IN TESTIMONY WHEREOF,

Witness my hand this 16th day of JUNE, 2003.

Alan Leslie Harris
Alan Leslie HARRIS

Witness my hand this 11th day of JULY, 2003.

Andrew W. Kingston
Andrew W. KINGSTON