

05-03-1999

FORM PTO-1595
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U.S. Department of Commerce
Patent and Trademark Office

OUR FILE TRW(CAT)4195

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): MRD 11-23-98
George M. Harpole; Michael B. Petach; and Michael A. JonesAdditional name(s) of conveying party(ies) attached ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: November 20, 1998

2. Name and address of receiving party(ies)

Name: TRW Inc.

Internal Address: _____

Street Address: 1900 Richmond RoadCity: Lyndhurst State: OH Zip: 44124Additional name(s) and address(es) attached? ☐ Yes ☒ No

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

If this document is being filed together with a new application, the execution date of the application is November 20, 1998

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No5. Name and address of party to whom
correspondence concerning document
should be mailed:Name: Thomas L. TarolliInternal Address: Tarolli, Sundheim, Covell,Tummino & Szabo L.L.P.1111 Leader BuildingStreet Address: 526 Superior AvenueCity: Cleveland State: Ohio Zip: 44114-14006. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41).....\$40.00

- ☒ Enclosed
☐ Authorized to be charged to deposit account.

8. Deposit Account No.

20-0090

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE SPACE

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

Thomas L. Tarolli
 Name of Person Signing
 Reg. No. 20,177

Signature

Date

Total number of pages including cover sheet, attachments, and document: 4

12/02/1998 JMWKINS 00000058 09196126

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40.00 UP

Mail Documents to be recorded with required cover sheet information to:
 Commissioner of Patents & Trademarks, Box Assignments
 Washington D.C. 20231

PATENT
 REEL: 9739 FRAME: 0443

ASSIGNMENT

WHEREAS, we, George M. Harpole, Michael B. Petach, Henry C. Sangret and Michael A. Jones, of Torrance, County of Los Angeles, and State of California; of Redondo Beach, County of Los Angeles, and State of California; of St. Clair Shores, County of Macomb, and State of Michigan; and of Redondo Beach, County of Los Angeles, and State of California respectively, have made new and useful improvements in **PUMP HAVING MUFFLER FOR ATTENUATING NOISE**;

WHEREAS, TRW Inc., a corporation duly organized and existing under the laws of the State of Ohio, having a place of business at Lyndhurst, County of Cuyahoga, State of Ohio, is desirous of acquiring the entire right, title and interest in and to the said improvements and all patents therefor to be obtained in the United States of America and countries foreign to the United States;

NOW THEREFORE, BE IT KNOWN that for valuable considerations to us paid, the receipt whereof is hereby acknowledged, we, the said George M. Harpole, Michael B. Petach, Henry C. Sangret and Michael A. Jones do hereby assign, sell and set over unto the said TRW Inc. its successors or assigns, the entire right, title and interest in and to the said improvements and any and all inventions pertaining thereto, the application for United States patent executed by us respectively on the _____ day of _____, 19____, _____ day of _____, 19____, 23rd day of November, 1998, and the _____ day of _____, 19____, all patents therefor in the United States of America and elsewhere, and the right to apply for patents therefor in all countries foreign to the United States and to claim for such applications the priority of United States applications, and we hereby request the Commissioner of Patents of the United States, and any official of any country or countries foreign to the United States whose duty it is to issue patents, to issue such patents to the said TRW Inc. its successors or assigns; and we further agree to execute such other applications and other instruments and do all other acts as may be deemed necessary by the said TRW Inc. its successors or assigns in order to fully secure, protect and preserve its rights to the said improvements and to obtain patents therefor in the United States of America and all countries foreign to the United States, all without further consideration but at the expense of the said TRW Inc. its successors or assigns.

Signed at
County of _____ and State of _____
This _____ day of _____, 19__.

George M. Harpole

STATE OF _____)
COUNTY OF _____) SS:

On this _____ day of _____, 19__.
Personally appeared before me George M. Harpole to me known to be the person named in and who executed the above instrument, and acknowledged to me that he executed the same for the uses and the purposes therein mentioned.

Notary Public

PATENT
REEL: 9739 FRAME: 0444

Signed at
County of
This

and State of
day of , 19 .

Michael B. Petach

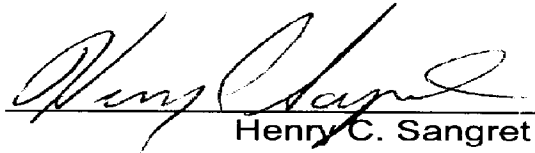
STATE OF)
COUNTY OF) SS:

On this day of , 19 .
Personally appeared before me Michael B. Petach to me known to be the person
named in and who executed the above instrument, and acknowledged to me that he
executed the same for the uses and the purposes therein mentioned.

Notary Public


Signed at *TRW*
County of *Macomb*
This

and State of
day of *23 Nov* , 1998


Henry C. Sangret

STATE OF *Michigan*)
COUNTY OF *Macomb*) SS: *306 48 7991*

On this *23* day of *November* , 1998
Personally appeared before me Henry C. Sangret to me known to be the person
named in and who executed the above instrument, and acknowledged to me that he
executed the same for the uses and the purposes therein mentioned.


NANCY J. VERMEERSCH
Notary Public, Macomb County, MI
My Commission Expires Nov. 24, 2002

Notary Public

Signed at
County of
This

day of and State of , 19 .

Michael A. Jones

STATE OF)
)
COUNTY OF) SS:

On this day of , 19 .
Personally appeared before me Michael A. Jones to me known to be the person
named in and who executed the above instrument, and acknowledged to me that he
executed the same for the uses and the purposes therein mentioned.

Notary Public