

12-28-2001

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

OUR FILE TRW(M)5724  
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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
Zugang Huang  
Stephen J. Green

12/10/01

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

2. Name and address of receiving party(ies)

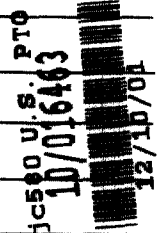
Name: TRW Inc.

Internal Address: \_\_\_\_\_

Street Address: 1900 Richmond Road

City: Lyndhurst State: OH Zip: 44124

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



3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other \_\_\_\_\_

Execution Date: 10-31-01 & 12-2-01

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 10-31-01 & 12-2-01

A. Patent Application No.(s)

12/19/2001 HLE333 00000011 10016463

03 FC:581

40.00 OP

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Name: THOMAS L. TAROLLI, ESQ.

Internal Address: Tarolli, Sundheim, Covell,

Tummino & Szabo L.L.P.

1111 Leader Building

Street Address: 526 Superior Avenue

City: Cleveland State: Ohio Zip: 44114-1400

6. Total number of applications and patents involved: 1

7. 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

Thomas Tarolli  
Signature

12-10-01  
Date

Total number of pages including cover sheet, attachments, and document: 3

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

PATENT  
REEL: 012389 FRAME: 0184

**ASSIGNMENT**

WHEREAS, we, Zungang Huang and Stephen J. Green, of Farmington Hills, County of Oakland, and State of Michigan; and of Clarkston, County of Oakland, and State of Michigan, respectively, have made new and useful improvements in **RACK HOUSING FOR STEERING GEAR**;

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 Zungang Huang and Stephen J. Green, 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 31st day of October, 2001, and the 4th day of December, 2001, 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.

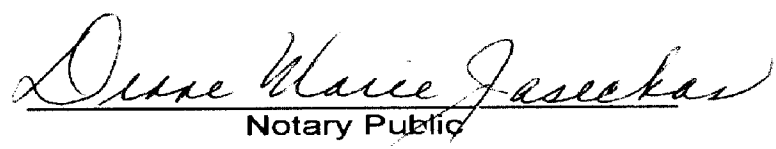
Signed at  
County of \_\_\_\_\_ and State of \_\_\_\_\_  
This 31st day of October, 2001

  
Zungang Huang

STATE OF Michigan )  
COUNTY OF Oakland )

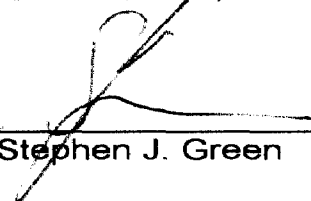
SS:

On this 31st day of October, 2001  
Personally appeared before me Zungang Huang 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

DIANE MARIE JASECKAS  
NOTARY PUBLIC - MICHIGAN  
OAKLAND COUNTY  
MY COMMISSION EXPIRES NOV. 3, 2004

Signed at *JRW Automotive*  
County of *Macomb* and State of *Michigan*  
This *4th* day of *December*, 20*01*


  
\_\_\_\_\_  
Stephen J. Green

STATE OF *Michigan* )  
COUNTY OF *Macomb* )

SS:

On this *4th* day of *December*, 20*01*

Personally appeared before me Stephen J. Green 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**  
Notary Public, Macomb County, MI  
My Commission Expires Jan. 13, 2003