

07-23-2001



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To the Honorable Commissioner of Patents and Trademarks

Attached original documents or copy thereof.

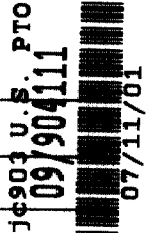
1. Name of conveying party(ies):  
Ansaf Ibrahim Alrabady

07/11/01

2. Name and address of receiving party(ies)

Name: TRW Inc.

Internal Address:



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

3. Nature of conveyance:

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

Street Address: 1900 Richmond Road

Execution Date: July 10, 2001

City: Lyndhurst State: OH Zip: 44124

Additional 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 July 10, 2001

A. Patent Application No.(s)

B. Patent No.(s)

09/904111

Additional numbers attached?  Yes  No

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

Name: Ronald M. Kachmarik

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

Ronald M. Kachmarik  
Name of Person Signing  
Reg. No. 34,512

*Ronald M. Kachmarik*  
Signature

7/11/01  
Date

Total number of pages including cover sheet, attachments, and document: 2

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

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40.00 DP

**ASSIGNMENT**

WHEREAS, I, Ansaf Ibrahim Alrabady, of Livonia, County of Oakland, and State of Michigan, have made new and useful improvements in **A CONFIGURABLE ARRANGEMENT OF MULTIPLE TRANSMITTERS AND MULTIPLE RECEIVERS FOR THE PERFORMANCE OF REMOTE CONVENIENCE FUNCTIONS;**

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 me paid, the receipt whereof is hereby acknowledged, I, the said Ansaf Ibrahim Alrabady, 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 me on the 10<sup>th</sup> day of July 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 I 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 I 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 Farmington Hills  
County of ~~Oakland~~ <sup>AA</sup> Oakland and State of Michigan  
This 10<sup>th</sup> day of July, 2001.

Ansaf Ibrahim Alrabady  
Ansaf Ibrahim Alrabady

STATE OF Michigan )  
COUNTY OF Oakland )

SS:

On this 10<sup>th</sup> day of July, 2001.

Personally appeared before me Ansaf Ibrahim Alrabady 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.

Dianna Lane James  
Notary Public  
Acting in Oakland County

DIANNA LANE JAMES  
Notary Public, Wayne County, MI  
My Commission Expires 09/3/2002

**PATENT**