

08-09-2001

Tab settings 22-0034



To the Honorable Commissioner of Patent

attached original documents or copy thereof.

1. Name of conveying party(ies):

101804858

Name of receiving party(ies):

Gregory S. Caso

Name: TRW Inc.

Dominic P. Carrozza

Internal Address: S&E Law Dept.

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

Street Address: Bldg. E2/6051

One Space Park

City: Redondo Beach State: CA ZIP: 90278

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

3. Nature of conveyance:

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

Execution Date: July 2, 2001

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

09/918655

If this document is being filed together with a new application, the execution date of the application is: July 2, 2001

A. Patent Application No.(s)

B. Patent No.(s)

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: PATENT COUNSEL

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

Internal Address: TRW Inc.

- Enclosed
- Authorized to be charged to deposit account

S&E Law Dept.

Bldg. E2/6051

Street Address: One Space Park

8. Deposit account number:

20-1515

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

City: Redondo Beach State: CA ZIP: 90278

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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.

Noel F. Heal, Reg. No. 26,074

Noel F. Heal

7/31/01

Name of Person Signing

Signature

Date

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

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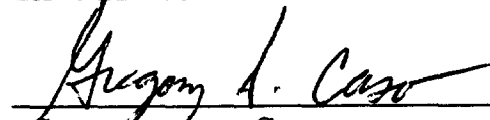
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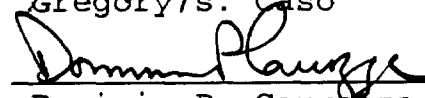
ASSIGNMENT

For valuable consideration, the adequacy and receipt of which are hereby acknowledged, we Gregory S. Caso and Dominic P. Carrozza respectively, of Hermosa Beach, California and Redondo Beach, California do hereby sell and assign to TRW Inc., One Space Park, Redondo Beach, California, an Ohio corporation, its successors and assigns, the entire right, title and interest in and to the improvements in METHOD OF AND APPARATUS FOR CALIBRATING RECEIVE PATH GAIN which has been invented by us, as described in the application for United States Patent which we executed respectively, on July 3, 2001, and July 2, 2001, and any and all applications for patent and patents therefore in any and all countries, including all divisions, reissues, continuations, and extensions thereof, and the right to claim the priority date of the first filed application in the United States, and authorize and request any official whose duty it is to issue patents, to issue any patent on said improvements or resulting therefrom to said TRW Inc., or its successors or assigns, and agree that on request and without further consideration, but at the expense of TRW Inc., we will communicate to TRW Inc. or its representatives or nominees any facts known to us respecting said improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths, and generally do everything possible to aid TRW Inc., its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries.

3 July, 2001

Inventor:   
 Gregory S. Caso

2 July, 2001

Inventor:   
 Dominic P. Carrozza

STATE OF CALIFORNIA )  
 ) ss  
COUNTY OF LOS ANGELES )

On July 3, 2001 before me, Michelle Christopher  
personally appeared Gregory S. Caso  
✓ personally known to me ~~-or- proved to me on the basis of~~  
~~satisfactory evidence~~ to be the person whose name is subscribed to the  
within instrument and acknowledged to me that he/~~she~~ executed the same in  
his/~~her~~ authorized capacity, and that by his/~~her~~ signature on the  
instrument the person, or the entity upon behalf of which the person acted,  
executed the instrument.

WITNESS my hand and official seal.



(SEAL)

Michelle Christopher  
Notary Public

STATE OF CALIFORNIA )  
 ) ss  
COUNTY OF LOS ANGELES )

On July 7, 2001 before me, Michelle Christopher  
personally appeared Dominic P. Carrozza  
✓ personally known to me ~~-or- proved to me on the basis of~~  
~~satisfactory evidence~~ to be the person whose name is subscribed to the  
within instrument and acknowledged to me that he/~~she~~ executed the same in  
his/~~her~~ authorized capacity, and that by his/~~her~~ signature on the  
instrument the person, or the entity upon behalf of which the person acted,  
executed the instrument.

WITNESS my hand and official seal.



(SEAL)

Michelle Christopher  
Notary Public