

12-10-1998

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To the Honorable Commissioner of Pat

100915753

attached original documents or copy thereof.

1. Name of conveying party(ies):

Oliver W. Saunders *MLG 12-3-98*

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

Name: TRW Inc.

Internal Address: Law Dept.

Bldg. E2/6072

Street Address: One Space Park

City: Redondo Beach State: CA ZIP: 90278

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

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

3. Nature of conveyance:

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

Execution Date: December 2, 1998

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: December 3, 1998

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:

Name: Patent Counsel

Internal Address: Law Dept.

Bldg. E2/6072

Street Address: One Space Park

City: Redondo Beach State: CA ZIP: 90278

6. Total number of applications and patents involved:

7. Total fee (37 CFR 3.41) ..... \$ 40

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number:

20-1515

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

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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.*

Michael S. Yatsko

Name of Person Signing

*Michael S. Yatsko*

Signature

December 3, 1998

Date

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

ASSIGNMENT

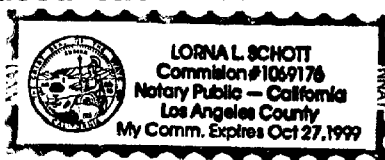
For valuable consideration, the adequacy and receipt of which are hereby acknowledged, I Oliver W. Saunders respectively, of Los Angeles, California do hereby sell and assign to TRW Inc., One Space Park, Redondo Beach, California, an Ohio corporation, its successors and assigns, the entire right, title and interest in and to the improvements **AN IN-FLIGHT PROGRAMMABLE SPACECRAFT ERROR CORRECTION ENCODER** which has been invented by me, as described in the application for United States Patent which I executed respectively, on December 2, 1998, and any and all applications for patent and patents therefor 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., I will communicate to TRW Inc. or its representatives or nominees any facts known to me 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.

December 2, 19 98

Inventor: *Oliver W. Saunders*  
Oliver W. Saunders

STATE OF CALIFORNIA )  
 ) ss  
COUNTY OF LOS ANGELES )

On December 2, 1998 before me, Lorna L. Schott personally appeared Oliver W. Saunders  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 the 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.

*Lorna L. Schott*  
Notary Public

(SEAL)