

07-20-2000



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Tab settings

To the Honorable Commissioner of Patents &

...ed original documents or copy thereof.

1. Name of conveying party(ies): Morris, James R.

MRS 6.27.00

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

Name: TRW Inc.

Internal Address: Law Department, E2/6051

Street Address: One Space Park

City: Redondo Beach State: CA ZIP: 90278

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

3. Nature of conveyance:

- Assignment, Merger, Security Agreement, Change of Name, Other

Execution Date: June 19, 2000

Additional name(s) & 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: 06/19/2000

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 Department, E2/6051

Street Address: One Space Park

City: Redondo Beach State: CA ZIP: 90278

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 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

4/27/00 Date

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

ASSIGNMENT

For valuable consideration, the adequacy and receipt of which are hereby acknowledged, I James R. Morris respectively, of Reston, Virginia

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 LOW SIGNAL TO NOISE RATIO ACQUISITION AND LINK CHARACTERIZATION TECHNIQUES FOR VSAT SPREAD SPECTRUM MODEMS

which has been invented by me, as described in the application for United States Patent which I executed respectively, on 19 June 00, 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.

19 June, 2000

Inventor: James R. Morris  
James R. Morris

STATE OF VIRGINIA )  
COUNTY OF Fairfax ) ss )

On 19 June 00 before me, David W. Zolot personally appeared James R. Morris  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.

David W. Zolot  
Notary Public

(SEAL)