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| FORM PTO-1595 RECO 10-19 (Rev. 6-93) OMB No. 0651-0011 (exp. 4/94) TRW DOCKET 10-19 | -1998 IEET U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office |
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| XX Assignment | Street Address:One Space Park |
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| September 29, 1998 Execution Date: | Additional name(s) & address(es) attached? O Yes XX No |
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| A. Patent Application No.(s) 09/162514 | B. Patent No.(s) |
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| A. Patent Application No.(s) Oq/162514 Additional numbers a | B. Patent No.(s) |
| A. Patent Application No.(s) OQ/162514 Additional numbers a 5. Name and address of party to whom correspondence concerning document should be mailed: Patent Counsel Name: TRW Inc. Internal Address: Law Dept. | B. Patent No.(s) attached? Yes XX No 6. Total number of applications and patents involved: 1 |
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| A. Patent Application No.(s) OQ/162514 Additional numbers a 5. Name and address of party to whom correspondence concerning document should be mailed: Patent Counsel Name: TRW Inc. Internal Address: Law Dept. Internal Address: Law Dept. Bildg. E2/6072 City: Redondo Beach State: CA ZIP: 90278 City: Redondo Beach State: CA ZIP: 90278 10/14/1996 JSHMMZZ 0000147 E01315 0916E514 DO NOT U 01 FC:581 40.00 CH 9. Statement and signature. To the best of my knowledge and belief, the foregoing inform | B. Patent No.(s) attached? □ Yes XX No 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41)S □ Enclosed X 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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ASSIGNMENT

For valuable consideration, the adequacy and receipt of which are hereby acknowledged, we <u>David A. Wright, Jaime L. Prieto,</u> and Scott L. Wilkinson respectively, of <u>Solana Beach</u>, California; Torrance, California; and Manhattan 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 **DISTRIBUTED** CONTROL DAMA PROTOCOL FOR USE WITH A PROCESSING COMMUNICATIONS SATELLITE which has been invented by us, as described in the application for United States Patent which we executed respectively, on _______ September 29, 1998 September 29, 1998 ____, and _____ September 29, 1998 and any and all applications for patent and patents therefore in any and countries, including all divisions, reissues, continuations, and all 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.

| September 29 | 1998 | Inventor: David A. Wright |
|----------------|------|---------------------------|
| September 29 | 1998 | Inventor: Aunt ful |
| September 29 , | 1998 | Inventor: |

STATE OF CALIFORNIA

COUNTY OF LOS ANGELES

)ss

On September 29, 1998 before me, Lorna L. Schott personally appeared David A. Wright

<u>personally known to me</u> -or- X 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.

Notary Public

(SEAL)

STATE OF CALIFORNIA

COUNTY OF LOS ANGELES

) ss)

On September 29, 1998 before me, Lorna L. Schott personally appeared Jaime L. Prieto

personally known to me -or- χ 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.



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Notary Public

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On <u>September 29, 1998</u> before me, <u>Lorna L. Schott</u> personally appeared <u>Scott L. Wilkinson</u>

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Notary Publy

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