

11-07-2000



MAR 10 18 00
To the Honorable Commissioner of Patents

Attached original documents or copy thereof.

101507655

1. Name of conveying party(ies):

David A. Wright

Dennis A. Nivens

Michael S. Munoz

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

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) & address(es) attached? Yes No

3. Nature of conveyance:

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

Execution Date: June 16, 2000

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: _____

A. Patent Application No.(s)

09/596.811

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: TRW Inc., 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)

DO NOT USE THIS 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

Michael S. Yatsko

Name of Person Signing

Michael S. Yatsko

Signature

10/12/00

Date

8

11/06/2000 HTM11 0000045 201515 09576041 Number of pages including cover sheet, attachments, and document:

01 FC:581 40.00 CH

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

PATENTS ONLY

1. Name of conveying party(ies):

Reginald (NMI) Jue

Dominic P. Carrozza

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

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

Name: _____

Internal Address: _____

Street Address: _____

City: _____ State: _____ ZIP: _____

Name: _____

Internal Address: _____

Street Address: _____

City: _____ State: _____ ZIP: _____

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: _____

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes No

ASSIGNMENT

For valuable consideration, the adequacy and receipt of which are hereby acknowledged, we David A. Wright, Dennis A. Nivens, Michael S. Munoz, Reginald (NMI) Jue, and Dominic P. Carrozza, respectively, of Hermosa Beach, California; Hermosa Beach, California; Redondo Beach, California; Manhattan 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 AND APPARATUS FOR CONTROLLING A TRANSMISSION POWER THRESHOLD OF A SATELLITE COMMUNICATION SYSTEM which has been invented by us, as described in the application for United States Patent which we executed respectively, on June 21, 2000, June 16, 2000, June 16, 2000, June 21, 2000 and August 22, 2000, 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.

June 21, 2000

Inventor: David A. Wright
David A. Wright

June 16, 2000

Inventor: Dennis A. Nivens
Dennis A. Nivens

June 16, 2000

Inventor: Michael S. Munoz
Michael S. Munoz

JUNE 21, 2000

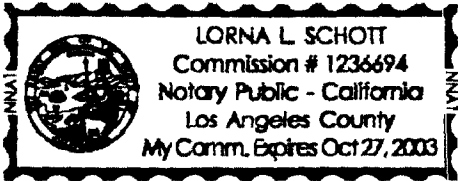
Inventor: Reginald (NMI) Jue
Reginald (NMI) Jue

Aug 22, 2000

Inventor: Dominic P. Carrozza
Dominic P. Carrozza

STATE OF CALIFORNIA)
) ss
COUNTY OF LOS ANGELES)

On June 21, 2000 before me, Lorna L. Schott
personally appeared David A. Wright
 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.



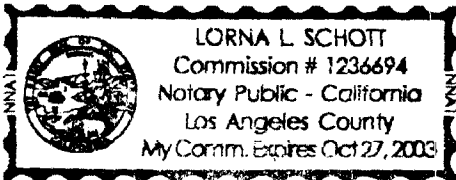
WITNESS my hand and official seal.

Lorna L. Schott
Notary Public

(SEAL)

STATE OF CALIFORNIA)
) ss
COUNTY OF LOS ANGELES)

On June 16, 2000 before me, Lorna L. Schott
personally appeared Dennis A. Nivens
~~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.



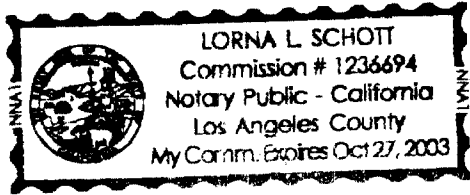
WITNESS my hand and official seal.

Lorna L. Schott
Notary Public

(SEAL)

STATE OF CALIFORNIA)
) ss
COUNTY OF LOS ANGELES)

On June 16, 2000 before me, Lorna L. Schott
personally appeared Michael S. Munoz
~~personally known to me -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.

Lorna L. Schott

Notary Public

(SEAL)

STATE OF CALIFORNIA)
) ss
COUNTY OF LOS ANGELES)

On June 21, 2000 before me, Lorna L. Schott
personally appeared Reginald (NMI) Jue
~~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)

STATE OF CALIFORNIA)
) ss
COUNTY OF LOS ANGELES)

On August 22, 2000 before me, Lynn E. Cabiles
~~Lorna L. Schott~~
personally appeared Dominic P. Carrozza
~~personally known to me~~ ~~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.

Lynn E. Cabiles
Notary Public

(SEAL)