

11-15-2000



U.S. DEPARTMENT OF COMMERCE

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To the Honorable Commissioner of Patent

101517346

attached original documents or copy thereof.

1. Name of conveying party(ies):

Esmuell Yousefi

Stuart T. Linsky

Mark E. Bever

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 21, 2000

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

Name: TRW Inc.

Internal Address: Law Dept.

Street Address: Bldg. E2/6051

One Space Park

City: Redondo Beach State: CA ZIP: 90278

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: June 21, 2000

A. Patent Application No.(s)

09/599,042

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: TRW Inc.

Law Dept.

Bldg. 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

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*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

10/25/00  
Date

Total number of pages including cover sheet, attachments, and document: 9

Mail documents to be recorded with required cover sheet information to:  
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Washington, D.C. 20231

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(Form PTO-1595-Recordation Form Cover Sheet - page 1 of 3)

PATENT  
REEL: 011229 FRAME: 0472

## PATENTS ONLY

Patent and Trademark Office

OMB No. 0651-0011 (exp. 4/94)

## 1. Name of conveying party(ies):

Fred C. TrammLisa A. Moy-YeeVincent NguyenGefferie H. Yee-Madera

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) &amp; address(es) attached?

Yes ☐No ☒

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

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## A. Patent Application No.(s)

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## B. Patent No.(s)

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Additional numbers attached?

Yes ☐No ☒

## ASSIGNMENT

For valuable consideration, the adequacy and receipt of which are hereby acknowledged, we Esmuell (NMI) Yousefi, Stuart T. Linsky, Mark E. Bever, Fred C. Tramm, Lisa A. Moy-Yee, Vincent (NMI) Nguyen and Gefferie H. Yee-Madera, respectively, of Manhattan Beach, California; San Pedro, California; Redondo Beach, California; Rancho Palos Verdes, California; Torrance, California; Garden Grove, California; and San Gabriel, 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 **GATED POWER FOR A SATELLITE HOPPED DOWNLINK WITH MULTIPLE PAYLOADS PER FRAME** which has been invented by us, as described in the application for United States Patent which we executed respectively, on June 21, 2000, June 21, 2000, June 21, 2000, June 21, 2000, June 21, 2000, June 21, 2000, and June 21, 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.

6/21, 2000

Inventor:

Esmuell (NMI) Yousefi

6/21, 2000

Inventor:

Stuart T. Linsky

7/18, 2000

Inventor:

Mark E. Bever

JUNE 21, 2000

Inventor:

Fred C. Tramm

6/21, 2000

Inventor:

Lisa A. Moy-Yee

6/21, 2000

Inventor: Vincent (NMI) Nguyen

June 21, 2000

Inventor: Gefferie H. Yee-Madera

STATE OF CALIFORNIA )

) ss

COUNTY OF LOS ANGELES )

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

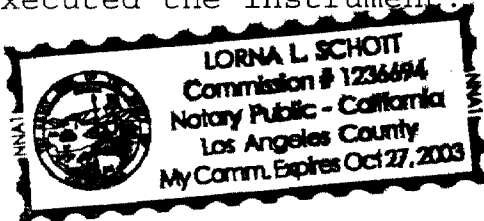
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Lorna L. Schott

Notary Public

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On July 18, 2000 before me, Lorna L. Schott  
personally appeared Mark E. Bever  
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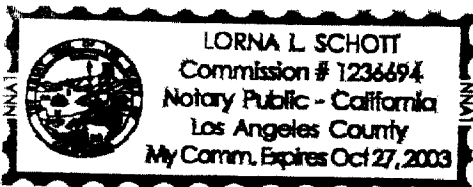
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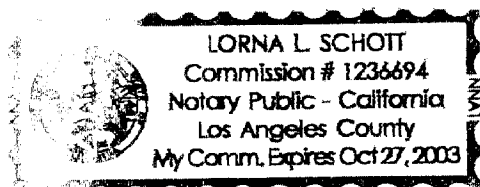
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