

10-12-1999

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office



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101168019

To the Honorable Commissioner of Patents

attached original documents or copy thereof.

1. Name of conveying party(ies):  
CARROZZA, Dominic P.  
MORETTI, Vincent C.  
WRIGHT, David A.

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

3. Nature of conveyance: MRD 9-29-99

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: September 24, 1999

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) & 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: 09/24/1999

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: TRW Inc.

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: 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

9/29/99  
Date

Total number of pages including cover sheet, attachments, and document: 5

10/07/1999 DNGUYEN 00000103 201515 09400261

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

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

PATENT  
REEL: 010289 FRAME: 0175

Attachment to Form PTO - 1595  
Recordation Form Cover Sheet



Additional Conveying Parties

- CASO, Gregory S.

Additional Execution Dates

- September 29, 1999
- September 24, 1999
- September 28, 1999

PATENT

REEL: 010289 FRAME: 0176

## ASSIGNMENT

For valuable consideration, the adequacy and receipt of which are hereby acknowledged, we Dominic P. Carrozza, Vincent C. Moretti, David A. Wright, and Gregory S. Caso respectively, of Redondo Beach, California; Torrance, California; Solana Beach, California; and Hermosa 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 SYNCHRONIZATION BURST PROCESSOR FOR A PROCESSING SATELLITE which has been invented by us, as described in the application for United States Patent which we executed respectively, on September 24, 1999, September 29, 1999, September 24, 1999, and September 28, 1999, 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.

9/24, 1999

Inventor:

Dominic P. Carrozza  
Dominic P. Carrozza

9/29, 1999

Inventor:

Vincent C. Moretti  
Vincent C. Moretti

09/24, 1999

Inventor:

David A. Wright  
David A. Wright

9/28, 1999

Inventor:

Gregory S. Caso  
Gregory S. Caso

STATE OF CALIFORNIA

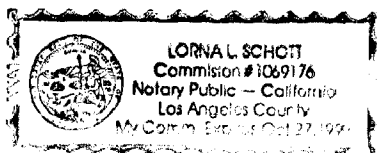
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) ss

COUNTY OF LOS ANGELES

)

On September 24, 1999 before me, Lorna L. Schott  
personally appeared Dominic P. Carrozza  
☒ 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.



(SEAL)

WITNESS my hand and official seal.

*Lorna L. Schott*

Notary Public

STATE OF CALIFORNIA

)

) ss

COUNTY OF LOS ANGELES

)

On September 29, 1999 before me, Lorna L. Schott  
personally appeared Vincent C. Moretti  
☒ 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.



(SEAL)

WITNESS my hand and official seal.

*Lorna L. Schott*

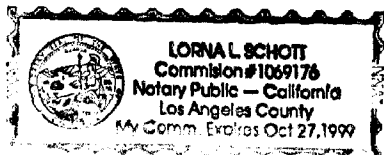
Notary Public

STATE OF CALIFORNIA

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) ss  
)

COUNTY OF LOS ANGELES

On September 24, 1999, before me, Lorna L. Schott  
personally appeared David A. Wright  
X 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.



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*Lorna L. Schott*

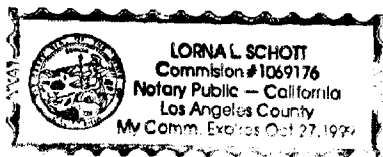
Notary Public

STATE OF CALIFORNIA

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) ss  
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COUNTY OF LOS ANGELES

On September 28, 1999, before me, Lorna L. Schott  
personally appeared Gregory S. Caso  
X 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.



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WITNESS my hand and official seal.

*Lorna L. Schott*

Notary Public