

09-06-2002



COVER SHEET

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

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To the Honorable Commissioner of

1. Name of conveying party(ies):

Tara E. Owens

Timothy L. Boolos

David (NMI) Harding

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

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other

Execution Date: August 2, 2002

the attached original documents or copy thereof.  
and address of receiving party(ies):

Name: TRW Inc.

Internal Address: Intellectual Asset Management

Street Address: One Space Park, E2/6051

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:

A. Patent Application No.(s)

10/199,839

B. Patent No.(s)

☐ Yes ☒ No

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

Name: TRW Inc. - Patent Counsel

Internal Address: Intellectual Asset Management

Street Address: One Space Park, E2/6051

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.

Noel F. Heal, Reg. No. 26,074

Name of Person Signing

Noel F. Heal  
Signature

8/27/02  
Date

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

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

09/05/2002 6TOM11 00000270 201515 10199839

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

PATENT  
REEL: 013252 FRAME: 0095

## ASSIGNMENT

For valuable consideration, the adequacy and receipt of which are hereby acknowledged, we Tara E. Owens, Timothy L. Boolos, and David (NMI) Harding respectively, of Mary Esther, Florida; Mary Esther, Florida; and Inglis, Florida

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 **INFORMATION TRANSMISSION SYSTEM AND METHOD OF DATA TRANSMISSION** which has been invented by us, as described in the application for United States Patent which we executed respectively, on August 2, 2002, August 2, 2002, and August 2, 2002, 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., 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.

Aug 2, 2002

Inventor: Tara E. Owens

Tara E. Owens

2 August, 2002

Inventor: Timothy L. Boolos

Timothy L. Boolos

August 2<sup>nd</sup>, 2002

Inventor: David Harding

David Harding

STATE OF FLORIDA

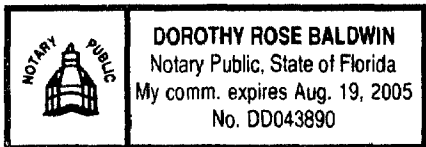
COUNTY OF Okaloosa

)  
) ss  
)

On August 2, 2002 before me, Dorothy R. Baldwin  
personally appeared Tara E. Owens

✓ 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.



(SEAL)

Dorothy Rose Baldwin  
Notary Public

STATE OF FLORIDA

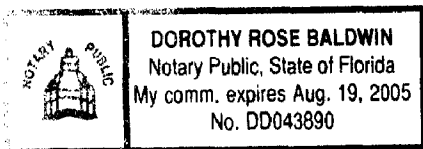
COUNTY OF Okaloosa

)  
) ss  
)

On August 2, 2002 before me, Dorothy R. Baldwin  
personally appeared Timothy L. Boolos

✓ 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.



(SEAL)

Dorothy Rose Baldwin  
Notary Public

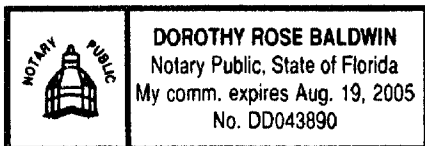
STATE OF FLORIDA

COUNTY OF Okaloosa

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On August 2, 2002 before me, Dorothy R. Baldwin  
personally appeared David (NMI) Harding  
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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.



(SEAL)

Dorothy Rose Baldwin  
Notary Public