

07-09-1999

FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Tab settings

To the Honorable Commissioner of

the attached original documents or copy thereof.

1. Name of conveying party(ies):

Wehner, James W.

Sherwood, Richard B.

Simmons, Jr., Edward J.

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

Name: Patent Counsel

Internal Address: TRW Inc.

Law Department, E2/6072

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 28, 1999

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: 06/28/1999

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: Patent Counsel

Internal Address: TRW Inc.

Street Address: Law Department, E2/6072

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)

07/08/1999 NTHA11 00000320 201515 09342369

DO NOT USE THIS SPACE

01 FC-581 40.00 CH
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

6/29/99

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

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

PATENT
REEL: 010071 FRAME: 0218

Attachment to Form PTO - 1595
Recordation Form Cover Sheet

Additional Execution Dates

- June 25, 1999
- June 29, 1999

ASSIGNMENT

For valuable consideration, the adequacy and receipt of which are hereby acknowledged, we James W. Wehner, Richard B. Sherwood and Edward J. Simmons, Jr. respectively, of Torrance, California; Palos Verdes Estates, California and Cypress, 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 RADIO FREQUENCY BEAM POINTING which has been invented by us, as described in the application for United States Patent which we executed respectively, on _____, and _____, 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.

6/28, 1999

Inventor:

James W. Wehner

6/25, 1999

Inventor:

Richard B. Sherwood

6/29, 1999

Inventor:

Edward J. Simmons, Jr.

STATE OF CALIFORNIA

)

) ss

COUNTY OF LOS ANGELES

)

On June 28, 1999 before me, Lorna L. Schott
personally appeared James W. Wehner
~~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

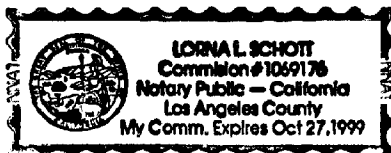
)

) ss

COUNTY OF LOS ANGELES

)

On June 25, 1999 before me, Lorna L. Schott
personally appeared Richard B. Sherwood
~~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

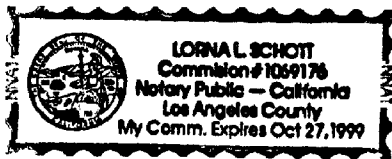
(SEAL)

STATE OF CALIFORNIA

COUNTY OF LOS ANGELES

)
) ss
)

On June 29, 1999 before me, Lorna L. Schott
personally appeared Edward J. Simmons, Jr.
~~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.



(SEAL)

WITNESS my hand and official seal.

Lorna L. Schott

Notary Public