

03-29-1999

COVER SHEET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Tab settings

To the Honorable Commissioner of

1. Name of conveying party(ies):

Charles W. Chandler

Makkalon Em

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date: March 15, 1999

100998188

the attached original documents or copy thereof.

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

Name: TRW Inc.

Internal Address: Law Department

Building E2, Room 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: 03/16/1999

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.

03/26/1999 JSHAB07Z 00000240 99270960

01 FC:581

40.00 CH

Street Address: Law Department

One Space Park, Bldg. E2/6072

City: Redondo Beach State: CA ZIP: 90278

6. Total number of applications and patents involved: 2

7. Total fee (37 CFR 3.41) \$ 80.00

☐ 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

March 16, 1999

Date

Total number of pages including cover sheet, attachments, and document: 6

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

Attachment to Form PTO - 1595
Recordation Form Cover Sheet

Additional Execution Dates

- March 16, 1999

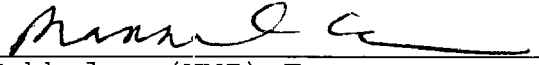
ASSIGNMENT

For valuable consideration, the adequacy and receipt of which are hereby acknowledged, we Charles W. Chandler and Makkalon (NMI) Em respectively, of San Gabriel, California and Venice, 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 " DUAL DEPTH APERTURE CHOKES FOR DUAL FREQUENCY HORN EQUALIZING E AND H-PLANE PATTERNS" which has been invented by us, as described in the application for United States Patent which we executed respectively, on 3/16/99, and 3/15/99, 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.

3-16-, 1999

Inventor: 
Charles W. Chandler

3-15-, 1999

Inventor: 
Makkalon (NMI) Em

STATE OF CALIFORNIA)
) ss
COUNTY OF LOS ANGELES)

On March 16, 1999 before me, Kathleen R. Tait, Notary Public
personally appeared Charles W. Chandler
personally known to me -or- XX 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.



(SEAL)

Kathleen R. Tait
Notary Public

STATE OF CALIFORNIA)
) ss
COUNTY OF LOS ANGELES)

On March 15, 1999 before me, Kathleen R. Tait, Notary Public
personally appeared Makkalon (NMI) Em
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.



(SEAL)

Kathleen R. Tait
Notary Public