

03-27-2000

HEET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office



2-22-00

Tab settings

To the Honorable Commissioner of

101309295

the attached original documents or copy thereof.

1. Name of conveying party(ies):
DELONG, Raymond K.

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) of conveying party(ies) attached? Yes No

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: February 21, 2000

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

09510625

If this document is being filed together with a new application, the execution date of the application is: 02/21/2000

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:

6. Total number of applications and patents involved: 1

Name: TRW Inc.

7. Total fee (37 CFR 3.41) \$ 40.00

Internal Address: Law Dept.

Enclosed

Bldg. E2/6072

Authorized to be charged to deposit account

Street Address: One Space Park

8. Deposit account number:

City: Redondo Beach State: CA ZIP: 90278

20-1515

(Attach duplicate copy of this page if paying by deposit account)

3/24/2000 TSH007Z 00000126 201515 09510625

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FC:561 40.00 CN

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.

Connie M. Thousand

Connie Thousand

2-22-00

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: 3

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

ASSIGNMENT

For valuable consideration, the adequacy and receipt of which are hereby acknowledged, I Raymond K. DeLong respectively, of Palos Verdes Estates, 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 AN APPARATUS AND METHOD FOR LASERCOM TRACKING ACQUISITION which has been invented by me, as described in the application for United States Patent which I executed respectively, on _____, 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., I will communicate to TRW Inc. or its representatives or nominees any facts known to me 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.

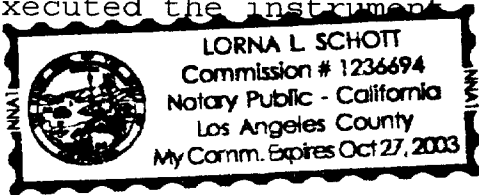
FEB. 21, 2000

Inventor: Raymond K. DeLong
Raymond K. DeLong

STATE OF CALIFORNIA)
) ss
COUNTY OF LOS ANGELES)

on February 21, 2000 before me, Lorna L. Schott personally appeared Raymond K. DeLong

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