

02-04-1999



Tab settings

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attached original documents or copy thereof

To the Honorable Commissioner of Patents

1. Name of conveying party(ies):
Donald G. Heflinger
Jeffrey S. Bauch
Todd E. Humes

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

3. Nature of conveyance **MPO 1-26-99**

Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date: January 26, 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

JCS11 U.S. PTO
09/236981
01/26/99

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: January 26, 1999

A. Patent Application No.(s)
09/236981

B. Patent No.(s)

Additional numbers attached? Yes No

6. Total number of applications and patents involved:

7. Total fee (37 CFR 3.41) \$ 40

Enclosed
 Authorized to be charged to deposit account

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

Name: TRW Inc.
Internal Address: Law Dept.
Bldg. E2/6072

02/03/1999 JSHABAZZ 00000154 001515 09236981

FC:581 40.00 CH
Street Address: One Space Park

City: Redondo Beach State: CA ZIP: 90278

8. Deposit account number:
20-15
(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.

Robert W. Keller Robert W. Keller January 26, 1999
Name of Person Signing Signature Date

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

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

ASSIGNMENT

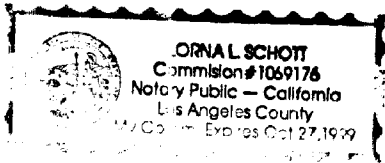
For valuable consideration, the adequacy and receipt of which are hereby acknowledged, we Donald G. Heflinger, Jeffrey S. Bauch, and Todd E. Humes respectively, of Torrance, California, Redondo Beach, California, and Thousand Oaks, California, do hereby sell and assign to TRW Inc., One Space Park, Redondo Beach, California, an Ohio corporation, its successors and assigns, the entire right, title and interest in and to the improvements in **" APPARATUS AND METHOD FOR TUNING AN OPTICAL INTERFEROMETER"** which has been invented by us, as described in the application for United States Patent which we executed respectively, on January 26, 1999, January 26, 1999, and January 26, 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.

<u>January 26</u> , 1999	Inventor: <u>Donald G. Heflinger</u> Donald G. Heflinger
<u>January 26</u> , 1999	Inventor: <u>Jeffrey S. Bauch</u> Jeffrey S. Bauch
<u>January 26</u> , 1999	Inventor: <u>Todd E. Humes</u> Todd E. Humes

STATE OF CALIFORNIA)
) ss
COUNTY OF LOS ANGELES)

On January 26, 1999 before me, Lorna L. Schott
personally appeared Donald G. Heflinger
~~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.



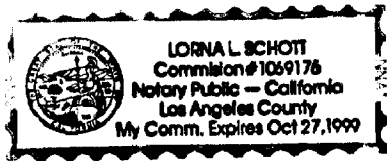
Lorna L. Schott
Notary Public

(SEAL)

STATE OF CALIFORNIA)
) ss
COUNTY OF LOS ANGELES)

On January 26, 1999 before me, Lorna L. Schott
personally appeared Jeffrey S. Bauch
~~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.



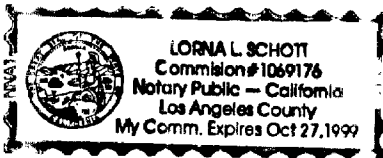
Lorna L. Schott
Notary Public

(SEAL)

STATE OF CALIFORNIA)
) ss
COUNTY OF LOS ANGELES)

On January 26, 1999 before me, Lorna L. Schott
personally appeared Todd E. Humes
~~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 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.



Lorna L. Schott
Notary Public

(SEA L)