

05-10-2001

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Patent and Trademark Office

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To the Honorable Commissioner of Patents

attached original documents or copy thereof.

1. Name of conveying party(ies):

Elizabeth T. Kunkee

David V. Forbes

James E. Leight

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

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other

Execution Date: February 9, 2001

Name: TRW Inc.

Internal Address: Law Department, E2/6051

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: February 14, 2001

A. Patent Application No.(s)

09/783,692

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: TRW Inc., Patent Counsel

Internal Address: Law Department, E2/6051

Street Address: 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)

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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

Name of Person Signing

Signature

Date

8

Total number of pages including cover sheet, attachments, and document: 8

Mail documents to be recorded with required cover sheet information to:
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Washington, D.C. 20231

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

PATENT
REEL: 011767 FRAME: 0333

ASSIGNMENT

For valuable consideration, the adequacy and receipt of which are hereby acknowledged, we Elizabeth T. Kunkee, David V. Forbes, and James E. Leight respectively, of Manhattan Beach, California; Oregon, Wisconsin; and San Ramon, 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 INTEGRATED OPTOELECTRONIC DEVICE AND METHOD FOR MAKING SAME which has been invented by us, as described in the application for United States Patent which we executed respectively, on February 14, 2001, February 15, 2001, and February 9, 2001, 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.

Feb 14, 2001

Inventor: Elizabeth T. Kunkee
Elizabeth T. Kunkee

_____, 2001

Inventor: _____
David V. Forbes

_____, 2001

Inventor: _____
James E. Leight

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_____, 2001

Inventor: Elizabeth T. Kunkee

2/15, 2001

Inventor: David V. Forbes
David V. Forbes

_____, 2001

Inventor: _____
James E. Leight

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, 2001

Inventor: Elizabeth T. Kunkee

, 2001

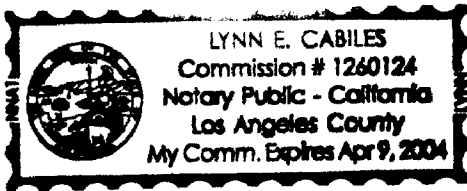
Inventor: David V. Forbes

2/09/01, 2001

Inventor: James E. Leight
James E. Leight

STATE OF CALIFORNIA)
) ss
COUNTY OF LOS ANGELES)

On February 14, 2001 before me, Lynn E. Cabiles
personally appeared Elizabeth T. Kunkee
X 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.

Lynn E. Cabiles
Notary Public

(SEAL)

STATE OF WISCONSIN)
) ss
COUNTY OF)

On _____ before me, _____
personally appeared David V. Forbes
_____ 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.

Notary Public

(SEAL)

STATE OF CALIFORNIA)
) ss
COUNTY OF LOS ANGELES)

On _____ before me, _____
personally appeared Elizabeth T. Kunkee
_____ 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.

Notary Public

(SEAL)

STATE OF WISCONSIN)
) ss
COUNTY OF Dane)

On February 15, 2001 before me, Laura L. Beckett
personally appeared David V. Forbes
X 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.

Laura L. Beckett
Notary Public

(SEAL)

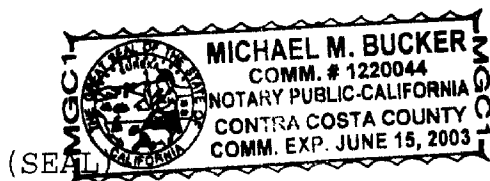
STATE OF CALIFORNIA

COUNTY OF CONTRA COSTA

)
) ss
)

On FEB 9, 2001 before me, MICHAEL M. BUCKER
personally appeared James E. Leight
_____ 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 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.



[Signature]
Notary Public