

03-08-2001

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To the Honorable Commissioner of Patents

Attached original documents or copy thereof.

101630403

1. Name of conveying party(ies):

Augusto L. Gutierrez-Aitken
Aaron K. Oki
Eric N. Kaneshiro

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

Name of receiving party(ies):

Name: TRW Inc.
Internal Address: SEG Law Dept.

Street Address: Bldg. E2/6051
One Space Park
City: Redondo Beach State: CA ZIP: 90278

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



2-2-01

3. Nature of conveyance:

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

Execution Date: January 26, 2001

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, 2001

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.
SEG Law Dept.
Bldg. E2/6051
Street Address: One Space Park
City: Redondo Beach State: CA 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

Michael S. Yatsko
Name of Person Signing

Michael S. Yatsko
Signature

02/02/01
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

PATENTS ONLY

1. Name of conveying party(ies):

Dwight C. Streit

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

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

Name: _____

Internal Address: _____

Street Address: _____

City: _____ State: _____ ZIP: _____

Name: _____

Internal Address: _____

Street Address: _____

City: _____ State: _____ ZIP: _____

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

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

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Additional numbers attached? Yes No

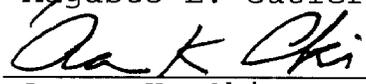
ASSIGNMENT

For valuable consideration, the adequacy and receipt of which are hereby acknowledged, we Augusto L. Gutierrez-Aitken, Aaron K. Oki, Eric N. Kaneshiro and Dwight C. Streit respectively, of Redondo Beach, California; Torrance, California; Torrance, California; and Seal Beach, 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 ULTRA HIGH SPEED HETEROJUNCTION BIPOLAR TRANSISTOR HAVING A CANTILEVERED BASE which has been invented by us, as described in the application for United States Patent which we executed respectively, on January 29, 2001, January 31, 2001, February 1, 2001, and January 26, 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.

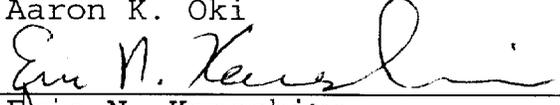
January 29, 2001

Inventor: 
Augusto L. Gutierrez-Aitken

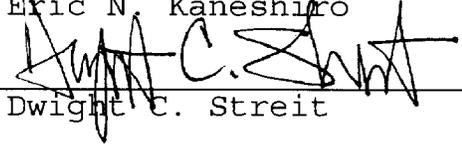
January 31, 2001

Inventor: 
Aaron K. Oki

February 1, 2001

Inventor: 
Eric N. Kaneshiro

January 26, 2001

Inventor: 
Dwight C. Streit

STATE OF CALIFORNIA)
) ss
COUNTY OF LOS ANGELES)

On January 29, 2001 before me, Lynn E. Cabiles
personally appeared Augusto L. Gutierrez-Aitken
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.



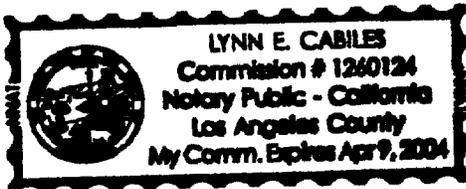
WITNESS my hand and official seal.

Lynn E. Cabiles
Notary Public

(SEAL)

STATE OF CALIFORNIA)
) ss
COUNTY OF LOS ANGELES)

On January 31, 2001 before me, Lynn E. Cabiles
personally appeared Aaron K. Oki
~~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.

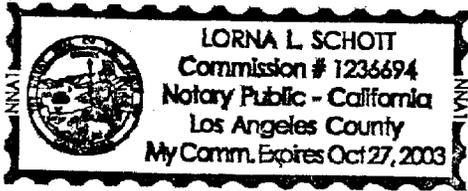
Lynn E. Cabiles
Notary Public

(SEAL)

STATE OF CALIFORNIA)
) ss
COUNTY OF LOS ANGELES)

On February 1, 2001 before me, Lorna L. Schott
personally appeared Eric N. Kaneshiro
~~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.



(SEAL)

Lorna L. Schott
Notary Public

STATE OF CALIFORNIA)
) ss
COUNTY OF LOS ANGELES)

On January 26, 2001 before me, Lorna L. Schott
personally appeared Dwight C. Streit
~~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
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executed the instrument.

WITNESS my hand and official seal.



(SEAL)

Lorna L. Schott
Notary Public