

11-15-2000



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To the Honorable Commissioner of Patents and T.

101516684

original documents or copy thereof.

1. Name of conveying party(ies):

**MRD**

Michael E. Barsky

Richard Lai

**10.18.00**

Ronald W. Grundbacher

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

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

Name: TRW Inc.

Internal Address: 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

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other

Execution Date: October 5, 2000

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: October 5, 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:

Name: Patent Counsel

Internal Address: TRW Inc.

Law Dept.

Bldg. 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

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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.

Connie M. Thousand

Name of Person Signing

Connie Thousand

Signature

October 18, 2000

Date

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

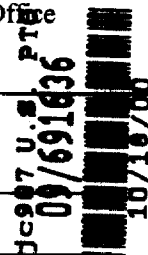
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(Form PTO-1595-Recordation Form Cover Sheet - page 1 of 3)

**PATENT**  
**REEL: 011227 FRAME: 0390**

## PATENTS ONLY

Patent and Trademark Office



## 1. Name of conveying party(ies):

Rosie M. DiaYaochung Chen

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) &amp; 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: October 5, 2000

A. Patent Application No.(s)

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

B. Patent No.(s)

\_\_\_\_\_  
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\_\_\_\_\_  
\_\_\_\_\_

Additional numbers attached?

Yes ☐No ☒

## ASSIGNMENT

For valuable consideration, the adequacy and receipt of which are hereby acknowledged, we Michael E. Barsky, Richard (NMI) Lai, Ronald W. Grundbacher, Rosie M. Dia, and Yaochung (NMI) Chen respectively, of Sherman Oaks, California; Redondo Beach, California; Hermosa Beach, California; Carson, California; and Rancho Palos Verdes, 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 **METHOD FOR DETERMINING ETCH DEPTH** which has been invented by us, as described in the application for United States Patent which we executed respectively, on

October 13, 2000

October 5, 2000

October 5, 2000,

October 5, 2000

and October 5, 2000, 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.

Inventor:

Michael E. Barsky  
Michael E. Barsky

Inventor:

Richard Lai  
Richard (NMI) Lai

Inventor:

Ronald W. Grundbacher  
Ronald W. Grundbacher

Inventor:

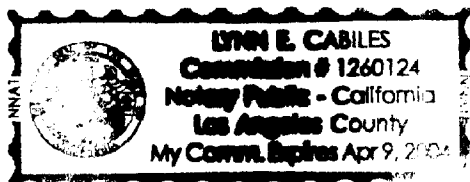
Rosie M. Dia  
Rosie M. Dia

Inventor:

Yaochung (NMI) Chen  
Yaochung (NMI) ChenOct. 13, 2000Oct. 5, 2000Oct. 5, 200010/5/00, 200010/5/00, 2000

STATE OF CALIFORNIA )  
 ) ss  
COUNTY OF LOS ANGELES )

On October 13, 2000 before me, Lynn E. Cabiles  
personally appeared Michael E. Barsky  
~~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.



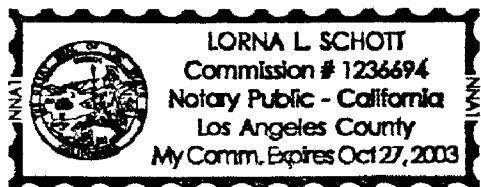
WITNESS my hand and official seal.

Lynn E. Cabiles  
Notary Public

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 ) ss  
COUNTY OF LOS ANGELES )

On October 5, 2000 before me, Lorna L. Schott  
personally appeared Richard (NMI) Lai  
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~~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.



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Lorna L. Schott  
Notary Public

(SEAL)

STATE OF CALIFORNIA

)  
) ss  
)

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personally appeared Ronald W. Grundbacher

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Notary Public

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personally appeared Rosie M. Dia

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his/her authorized capacity, and that by his/her signature on the  
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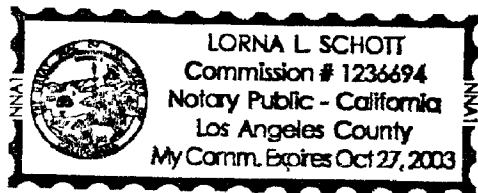
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)

on October 5, 2000 before me, Lorna L. Schott  
personally appeared Yaochung (NMI) Chen  
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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,  
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Lorna L. Schott  
Notary Public

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