

10-10-2000



101482148

Tab settings

To the Honorable Commissioner of Patents

...ed original documents or copy thereof.

1. Name of conveying party(ies):  
Patrick T. Chin  
Augusto L. Gutierrez-Aitken  
Eric N. Kaneshiro  
Additional name(s) of conveying party(ies) attached?  Yes  No

2. Name and address of receiving party(ies):  
Name: TRW Inc.  
Internal Address: Law Department, 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: September 21, 2000

4. Application number(s) or patent number(s): 09/667910  
If this document is being filed together with a new application, the execution date of the application is: September 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:  
Name Patent Counsel  
Internal Address: TRW Inc.  
Law Department, E2/6051  
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 Connie Thousand 09/22/00  
Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and document: 5

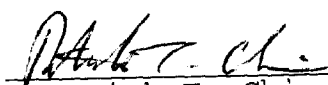
Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
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ASSIGNMENT

For valuable consideration, the adequacy and receipt of which are hereby acknowledged, we Patrick T. Chin, Augusto L. Gutierrez-Aitken, and Eric N. Kaneshiro respectively, of Marina del Rey, California; Redondo Beach, California; and Torrance, 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 INTERSTITIAL DIFFUSION BARRIER which has been invented by us, as described in the application for United States Patent which we executed respectively, on September 21, 2000, September 21, 2000, and September 21, 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.

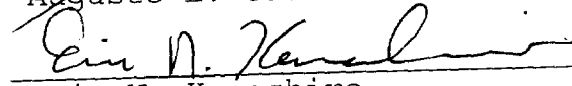
Sept. 21, 2000

Inventor:   
Patrick T. Chin

Sept 21, 2000

Inventor:   
Augusto L. Gutierrez-Aitken

Sept 21, 2000

Inventor:   
Eric N. Kaneshiro

STATE OF CALIFORNIA )  
 ) ss  
COUNTY OF LOS ANGELES )

On September 21, 2000 before me, Lynn E. Cabiles  
personally appeared Patrick T. Chin  
~~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 September 21, 2000 before me, Lynn E. Cabiles  
personally appeared Augusto L. Gutierrez-Aitken  
~~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  
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