FORM PTO-1595 03-23-	1999 - U.S. DEPARTMENT OF COMMERCE	
(Rev. 6-93) QMB No. 9651011 (exp. 4/94) ab settings = □ ▼ 12-0860 ▼	Patent and Trademark Office	
To the Honorable Commissioner of Pater 10094	1272 <u>stached original documents or copy thereof.</u>	
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):	
Steven S. Chan	O D D D D D D D D D D D D D D D D D D D	
Roger A. Davidheiser	Name: TRW Inc.	
Alfred E. Lee	Internal Address: Law Dept.	
Additional name(s) of conveying party(ies) attached? X Yes No	Bldg. E2/6072	
3. Nature of conveyance:	i j	
🖾 Assignment 🔲 Merger	Street Address: One Space Park	
Security Agreement Change of Name		
Other	City: Redondo Beach State: CA ZIP: 90278	
Execution Date: November 19, 1998	Additional name(s) & address(es) attached?	
If this document is being filed together with a new application A. Patent Application No.(s) 2/02/1996 SBURNS 00000028 201515 09198778 Additional numbers atta	B. Patent No.(s)	
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:	
Name: Patent Counsel	7. Total fee (37 CFR 3.41) \$\$^40	
Internal Address: Law Dept.	7. Total lee (37 OF N 3.41)	
Bldg. E2/6072	☐ Enclosed	
Bldg. E2/0072	X Authorized to be charged to deposit account	
Street Address: One Space Park	8. Deposit account number: 20-15 15 NO 3 POS	
City: Redondo Beach State: CA ZIP: 90278	(Attach duplicate copy of this page if paying by deposit account)	
DO NOT USE THIS SPACE		
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. Michael S. Yatsko Name of Person Signing Multiple Signature Date		

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

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

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

Attachment to Form PTO - 1595 Recordation Form Cover Sheet



Additional Conveying Parties

- D. Ian Stones

Additional Dates of Conveyance

- November 19, 1998
- November 24, 1998

PATENT REEL: 9626 FRAME: 0945

ASSIGNMENT

hereby acknowledged, we Steven S	tion, the adequacy and receipt of which are S. Chan, Roger A. Davidheiser, Alfred E. wely, of Alhambra, California; Manhattan ifornia; and Torrance,
do hereby sell and assign to TRW California, an Ohio corporation, right, title and interest in and	Inc., One Space Park, Redondo Beach, its successors and assigns, the entire to the improvements in <u>MILLIMETER WAVE</u> SITION which has been invented by us, as
described in the application for respectively, on November 19, 19 any and all applications for pate countries, including all division thereof, and the right to claim to	United States Patent which we executed 998 , November 19, 1998 , and November 24, 1998 , and ent and patents therefore in any and all as, reissues, continuations, and extensions the priority date of the first filed , and authorize and request any official
whose duty it is to issue patents or resulting therefrom to said TR agree that on request and without of TRW Inc., we will communicate nominees any facts known to us reany legal proceeding, sign all lacontinuing, and reissue applicating generally do everything possible	to issue any patent on said improvements RW Inc., or its successors or assigns, and further consideration, but at the expense to TRW Inc. or its representatives or especting said improvements and testify in awful papers, execute all divisional, ions, make all rightful oaths, and to aid TRW Inc., its successors, assigns the proper patent protection for said
11/19, 1998	Inventor: Steven S. Chan
11/19 , 1998	Inventor: A Davidheiser
11/19, 1998	Inventor: Alfred E. Lee
11/24 , 1998	Inventor: D. Jan Stones

PATENT REEL: 9626 FRAME: 0946

STATE OF CALIFORNIA) \ aa
COUNTY OF LOS ANGELES)ss)
on November 19,1998 bef	ore me, Lovna L. Schott
personarry appearedsceven	S. Chan X proved to me on the basis of
satisfactory evidence to be the p within instrument and acknowledgenis/her authorized capacity, and	erson whose name is subscribed to the d to me the he/she executed the same in
LORNA L SCHOTT Commision # 10591 76 Notary Public — Colifornia Los Angeles County My Comm. Expires Oct 27,1999	WITNESS my hand and official seal.
(SEAL)	Notary Public
STATE OF CALIFORNIA COUNTY OF LOS ANGELES On Nowber 19, 1898 before	ore me, Orna L Schott
personarry appeared <u>koger</u>	A. Davidherser
satisfactory evidence to be the posithin instrument and acknowledgenis/her authorized capacity, and	proved to me on the basis of erson whose name is subscribed to the d to me the he/she executed the same in that by his/her signature on the ity upon behalf of which the person acted,
LORNA L SCHOTT Commision #1069176 Notary Public — Conformis Los Angeles County My Comm. Expires Oct 27,1999	WITNESS my hand and official seal.
(SEAL)	Notary Public

PATENT REEL: 9626 FRAME: 0947

STATE OF CALIFORNIA)
COUNTY OF LOS ANGELES) ss)
on <u>November 19, 1998</u> before	ore me, Lorna L. Schott
personally appeared Alfred X personally known to me -or-	proved to me on the basis of
within instrument and acknowledge his/her authorized capacity, and	erson whose name is subscribed to the d to me the he/she executed the same in that by his/her signature on the ity upon behalf of which the person acted,
LORNA L. SCHOTT Commision #1059176 Notary Public — California Los Angeles County My Comm. Expires Oct 27,1999	WITNESS my hand and official seal.
(SEAL)	Notary Public
STATE OF CALIFORNIA) ss COUNTY OF LOS ANGELES On November 34,1998 before me, Lornal. Schott personally appeared D. Ian Stones 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 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.	
iORNA L. 3CHOTT Commision # 1059176 Notory Public — Colifornia E Los Angeles County My Comm. Expires Oct 27, 1999 (SEAL)	WITNESS my hand and official seal. Notary Public

PATENT REEL: 9626 FRAME: 0948

RECORDED: 11/24/1998