-	FORM PTO-1595 RECORDAT	05-13-1999	U.C. DEPARTMENT OF COMME		
	OME No. 0651-0011 (exp. 4/94)		U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office		
	Tab settings ⇒ ⇒ ▼	·			
	To the Honorable Commissioner of Patents and Trade  1. Name of conveying party(ies):	101036725	nal documents or copy thereof.		
5	Eric M. Mrozek	2. Name and address of receiving party(ies):			
		Name: TRW Inc.			
7	Craig A. Hornbuckle	Internal Address: Law D			
		Internal Address: Law D	ept.		
	Additional name(s) of conveying party(ies) attached?	Bldg. E2/6072			
$\subseteq$	3. Nature of conveyance:		> <b>/=</b> 3		
-	· —	200000000000000000000000000000000000000	20.		
-		Street Address: One Spa	ce Park g		
Į	Security Agreement Change of Name				
ı	Other	City: Redondo Beach	State: <u>CA</u> ZIP: 90278		
	Execution Date: May 4, 1999	Additional manages (a) O 11 (b) 1			
	Execution Date. 1914 4, 1999	Additional name(s) & address(es) attac	hed? Yes X No		
	A. Patent Application No.(s)  Additional numbers	B. Patent No.(s)	5139		
ŀ					
	5. Name and address of party to whom correspondence		I		
	concerning document should be mailed:	6. Total number of application	s and patents involved:		
- [	Name: TRW Inc.				
	Internal Address, Lovy Dont	7. Total fee (37 CFR 3.41)	s 40 U		
	Internal Address: Law Dept.	Enclosed			
	Bldg. E2/6072	_			
ı	5/13/1999 JSHABAZZ 00000008 201515 09305139	X Authorized to be charge	ed to deposit account		
ď	Street Address: One Space Park				
ł	One Space Park	8. Deposit account number:			
İ		_ 20-1515			
l	City: Redondo Beach State: CA ZIP: 90278		page if paying by deposit account)		
}	DO NO	OT USE THIS SPACE	, or a positive accountly		
+					
	9. Statement and signature.  To the best of my knowledge and belief the foregoing into	armatian in true and			
	To the best of my knowledge and belief, the foregoing info the original document. $M$	1 0/11	attached copy is a true copy of		
	Michael S. Yatsko	hul S. Jahlu	May 4, 1999		
	Name of Person Signing	Sygnature	Date		
L	Total number of pages including	cover sheet, attachments, and document:	4		

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

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

## **ASSIGNMENT**

For valuable considerati	ion, the ac	dequacy an	d rece:	ipt of '	which	are
hereby acknowledged, weEric M.	Mrozek and	d Craig A.	Hornbi	uckle		<b></b>
respectively, of <u>Gardena, Califo</u>	ornia and	Torrance.	Califo	ornia		
do hereby sell and assign to TRW ]	Inc., One S	Space Park	Redor	ndo Bea	ch.	
California, an Ohio corporation, i	its success	sors and a	ssions	the e	ntire	
right, title and interest in and t	to the imp	rovements	in <b>BA</b> S	SEBAND	SIGNA	L
CARRIER RECOVERY OF A SUPPRESSED O						
invented by us, as described in the which we executed respectively, or May 4, 1999						
and patents therefore in any and	all counti	ries incl	uding a	olla div	icion	IIL
reissues, continuations, and exter	sions the	reof and	the ric	the to	alaim	ə, +ha
priority date of the first filed a	application	n in the H	nited 9	States	ond	CITE
authorize and request any official	whose dut	vitist	o issue	naten	tanu ta t	^
issue any patent on said improvement	ents or res	sulting th	erefror	n to sa	id mo	₩.
Inc., or its successors or assigns	s, and agre	e that on	remies	st and i	witho	11 <b>+</b>
further consideration, but at the	expense of	F TRW Inc.	we wi	ill com	munic	at A
to TRW Inc. or its representatives	or nomine	ees anv fa	cts kno	own to	a	ucc
respecting said improvements and t	estify in	anv legal	procee	edina.	sian .	all
lawful papers, execute all division	onal, conti	inuing, an	d reiss	sue	org.,	<b>411</b>
applications, make all rightful oa	aths, and o	generally	do ever	cvthina	ກດຮຮ	ible
to aid TRW Inc., its successors, a	assigns and	d nominees	to obt	ain an	d enfi	
proper patent protection for said	invention	in all co	untries	3.	a ciii.	
				- •		
<u>4 may</u> , 1999	Inventor:	Eric M.	L Mug Mrozek	geh		
4 Mny , 1999	Inventor:	Craig A.	MA Hornbu	ıckle		

PATENT REEL: 9938 FRAME: 0518

**RECORDED: 05/04/1999** 

STATE OF CALIFORNIA	)		
COUNTY OF LOS ANGELES	) ss )		
on May 4,1999 personally appeared	before me,	Lorna L. Schott	
personally appeared	<u>Eric M. Mrozek</u> <del>me</del> - <b>or</b> - $V$ pr	coved to me on the bas	is of
satisfactory evidence to be within instrument and acknowled his/her authorized capacity instrument the person, or executed the instrument.	e the person wh owledged to me y, and that by	nose name is subscribe the he/she executed t his/her signature on	d to the he same in the
LORNA L. SCHOTT Commision # 1069176 Notary Public — California 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 May 4, 1999	) )ss ) before me,	Lornal. Schott	
personally appeared	<u>Craig A. Horr</u>	nbuckle	is of
satisfactory evidence to b within instrument and ackn his/her authorized capacit instrument the person, or executed the instrument.	e the person who who who we do not be to me y, and that by	nose name is subscribe the he/ <del>she</del> executed t his/ <del>her</del> signature on	d to the he same in the
LORNA L. SCHOTT Commision #1069176 Notory Public — Colfornia Los Angeles County My Comm. Expires Oct 27,1999	WITNESS Notary	my hand and official Sully H	seal.
(SEAL)	Motary	FUNTIC	

PATENT REEL: 9938 FRAME: 0519