

(19) (KR)  
(12) (B1)

(21)	10-1999-7008653	(65)	2001-0049170
(22)	1999 09 21	(43)	2001 06 15
	1999 09 21		
(86)	PCT/US1998/05268	(87)	WO 1998/43371
(86)	1998 03 18	(87)	1998 10 01

(54)

2

(link margin)

, Robert A. Wide  
man 5,303,286 "Wireless Telephone/Satellite Roaming System" .  
1 1 , (110  
) , , (130) (120) (tr  
ansponder) (public switched telephone network)(140)  
(landline)

(beam) , 1 (160) ㄱ, (110) (120) , (120) (180) (170) (1  
가 가 / (infrastructure)

가

(fading) (Doppler shift), 가

(American Mobile Satellite Corporation)가  
lite System)(MSS) 가 , 가 ,  
(Personal Communication Service)(PCS)  
가 . 가 ,  
, ( ). , MMS

, 가  
EP 0 302 455 A2 , 가

EP 0 570 325 A1 , 가  
가 (briefcase),  
/ ,  
(ratainer)

가 가  
가 가  
ep) (sle  
가 (holder)  
2 (bar)  
가  
가  
가  
가  
가  
가  
가  
가  
circuit) EIRP (equivalent isotropic radiated power) (EIRP) (adaptive power control algorithm) EIRP EIRP (per-  
EIRP  
가  
가

1  
2  
3  
4      3  
5a      5b  
6  
7      6

2 가	,	,	,	2 /	가 (200)가	(180)
가	,	,	(170)	가	,	(120)
2 (110)	,	,	(170)	(200)	1	(210)가
(175)	,	,	(200)	(170) (120)	,	(200)
(180)	,	,	(120)	,	,	(120)
(110)	,	,	(200)	(200)	,	(120)
(200)	,	,	가	5a		
(200)	,	,	가		5b	가가
					6	
			가 (200)			(200)
						가

$$= 10 \log (P_r / P_t) \text{ in dB.}$$

, 15 dB

$$[ \quad ]_{dB} + [ \quad ]_{dB} \leq 0$$

가 5a 5b

, 5a , (210) (550) , 2 (220) (2)  
20) . 1 , 5a , 2 , 2 (220)  
5b , 1 , , , (210)



	1	(710)가	(750)		(700)	가
(750)	,	.	(700) 가	(750)	-	
,	가	1	(710) 가	(750)	1	1
(710)	(750)	,	(710)	2	(720)가	(710)
(720)	(730)	,	(200)	1	(720)	2
2	(740)	,	(730) 1	(740)가 2	(720)	,
2	(790)	, 1	(730)가 2		(730)가 2	,
0)	.	2	(790)가		(790), 1	(710)
,	(detent),	.	(snap),	.	(710)	2
,	(730)	1	(710)	2	(720)	,
,	,	,	,	(720)	1	(720)
,	,	,	,	,	가	,
,	,	,	,	,	가	,

(57)

1.

(200) ,

1

(230),  
(250),

1

2

(290),  
(300),

(350),

2

(360)

1

2

2

2

3.

1 , (230) 1 (210)  
 , (300) 2 (220)

4.

3

1

5.

6.

5

(230)

(36)

$$0) , \quad \text{가} \quad (620)$$

7.  
5 , (670)  
- (610) , (670)

8.  
7 , (670) - (610) 가

9.  
5 , (700) , (700);  
1 (710),  
2 (720),  
1 가 (700),  
2 (730),  
1 (710) 1 2 (720) 가 , 1  
2 가

10. 1 , 가

13.

(110),  
 (120),  
 ,  
 ,  
 (200)  
 (200) ,  
 (230),  
 (250),  
 (29  
 (300),  
 (350),  
 (360)

14.  
13

**15.**

14

,

,

(610)

**16.**

15

,

(230)

가

(36)

0)

(620)

**17.**

15

,

(670)  
(610)

,

,

**18.**

15

,

(200)

,

(700) ;

1 (710),  
2 (720),1  
2  
1 (710)  
1

가

(760),  
(730)  
2  
가

1

**19.**

15

,

가

**20.**

15

,

가

,

,

**21.**

15

,

,

**22.**

(110)

,

(120)

,

,

**23.**

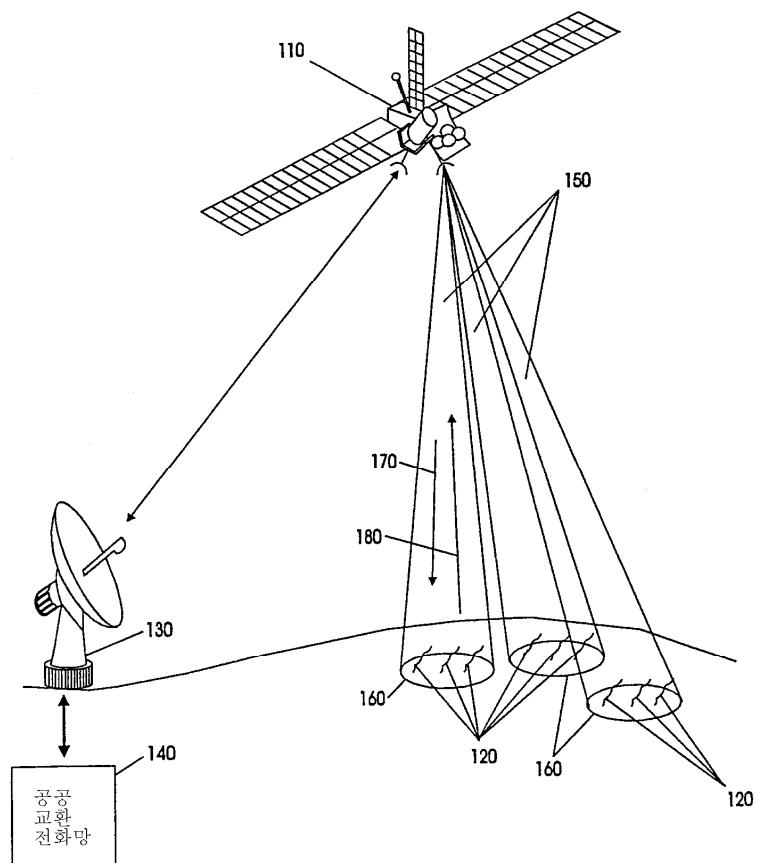
22

,

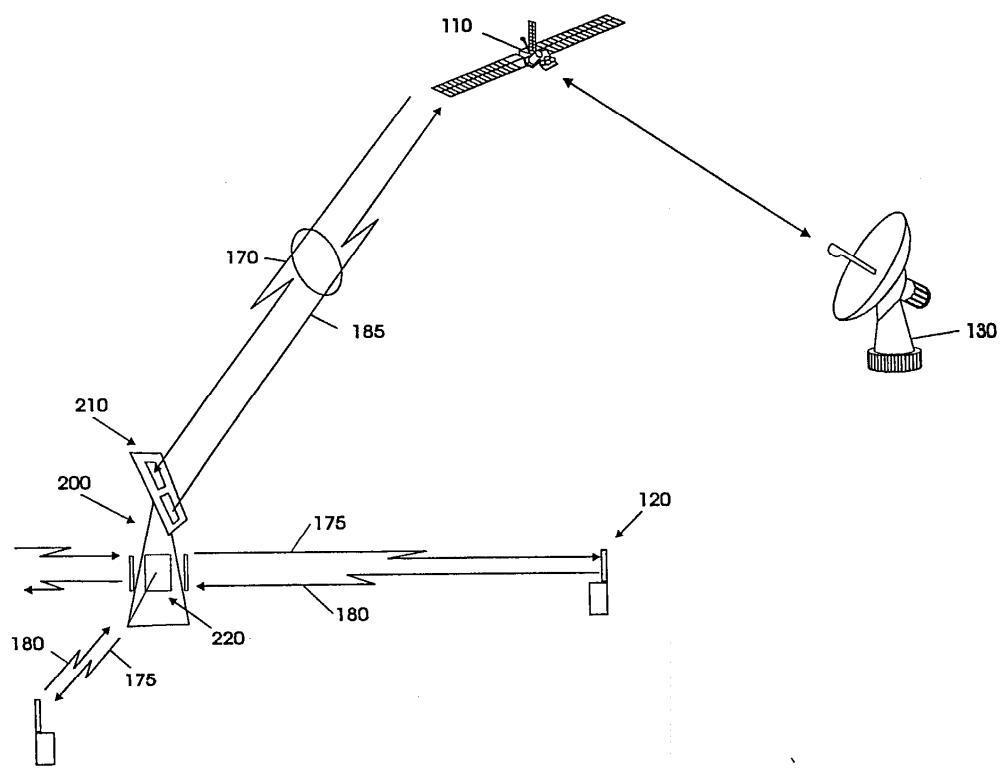
- 24.**  
22 ,
- 25.**  
22 ,
- 26.**  
(200) ,  
(250),  
(230),  
(29  
0),  
(300),  
(350),  
(  
260) ,
- 27.**
- 28.**  
26 ,  
(610)  
(200)가
- 29.**  
26 ,
- 30.**  
29 ,
- 31.**  
26 ,
- 32.**  
26 , 가

1

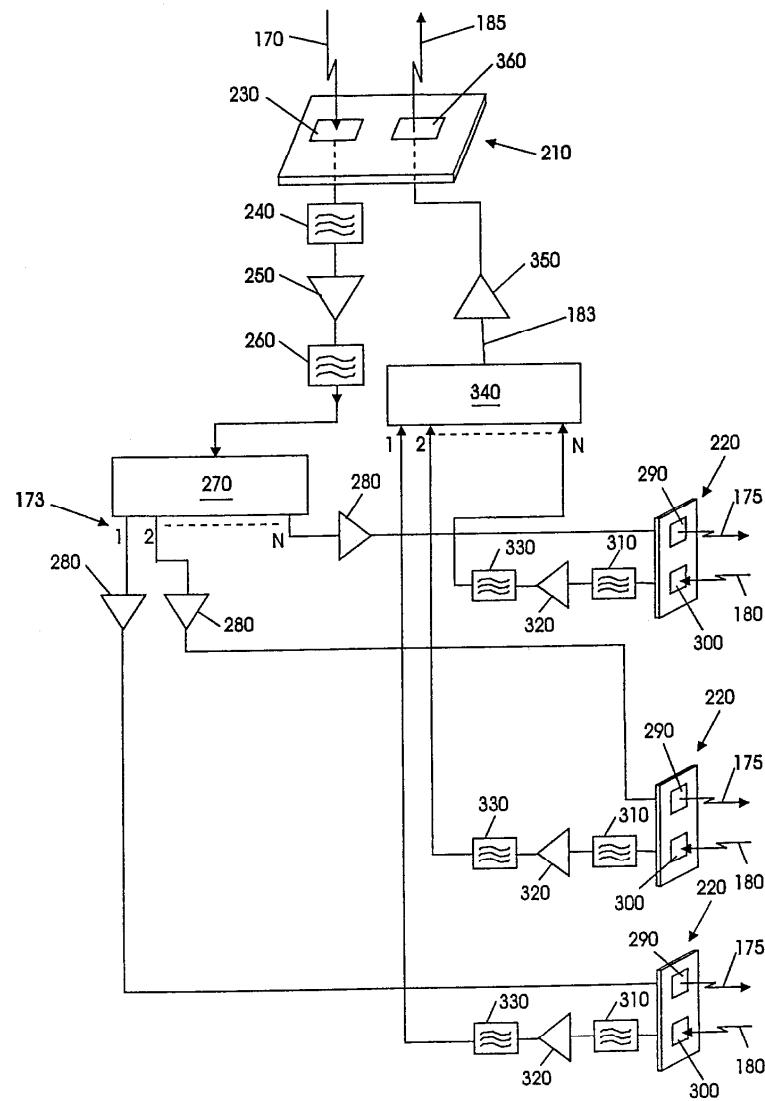
선행기술



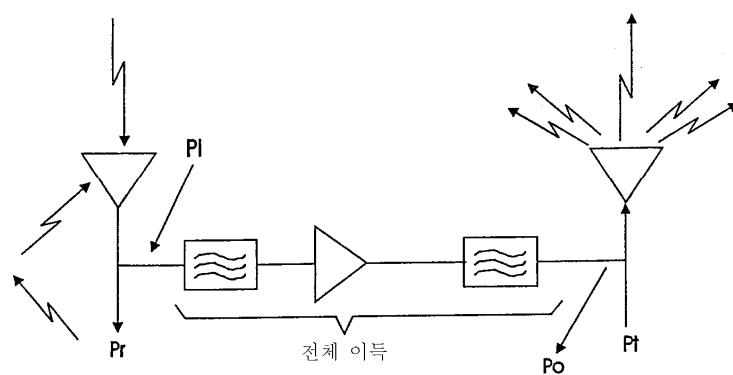
2



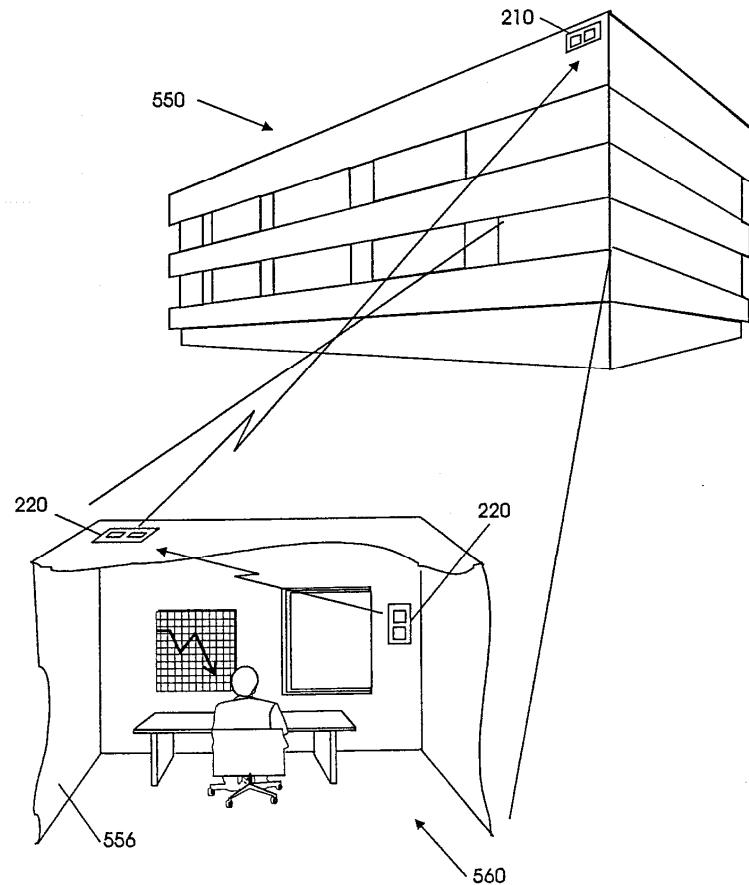
3



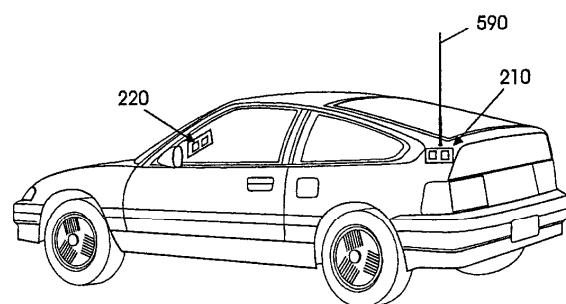
4



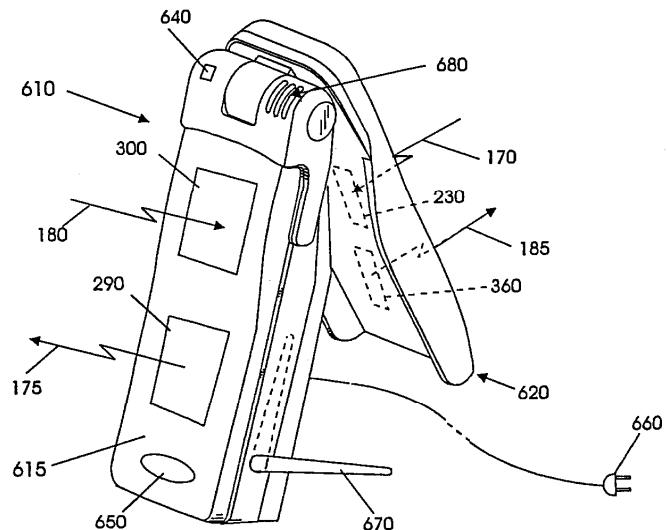
5a



5b



6



7

