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71) Applicant: RAYTHEON COMPANY
141 Spring Street
Lexington Massachusetts 02173(US)

Inventor: Wada, Steven T.

748 Litchfield Lane

Santa Barbara, California(US)

Inventor: Jobsky, Robert

407A Shasta Lane

Santa Barbara, California(US)

Inventor: Maybell, Michael J. 1926 E1 Camino Delaluz

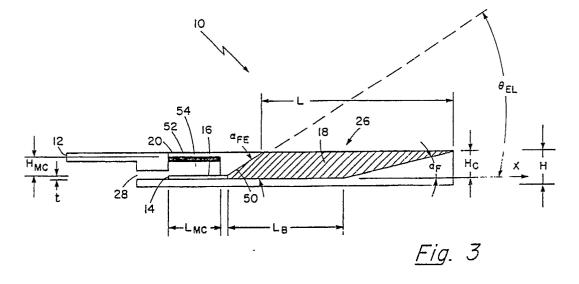
Santa Barbara, California(US)

Representative: Jackson, David Spence et al REDDIE & GROSE 16, Theobalds Road London, WC1X 8PL(GB)

54) Flush mount antenna.

The radiating cavity (26) is defined between a taper wall (50) of a metal top member (20)

and an opposing taper wall (32) of a metal base member (12). A dielectric slab (18) fills the radiating cavity, and the top taper wall (50) acts as an extension of the microstrip horn (16). The upper surfaces of the base member (12), top member (20), and dielectric slab (18) conform to the surface in which the antenna (10) is mounted.





EUROPEAN SEARCH REPORT

EP 90 30 5620

DOCUMENTS CONSIDERED TO BE RELEVANT					
ategory		h indication, where appropriate, vant passages		levant claim	CLASSIFICATION OF THE APPLICATION (Int. CI.5)
Х	GB-A-1 598 545 (MARCON * Column 1, lines 20-39; colu figure 2 *		1,1 s 1-5;	0	H 01 Q 9/04 H 01 Q 1/28
Α			12		
A	US-A-4 415 900 (C.M. KAL * Column 1, lines 31-40; column		s 1,2 * 1,1	2	
А	US-A-2 822 542 (F.E. BUT * Column 1, line 55 - column 23-29; column 2, line 60 - cc 29-31; column 3, lines 45-47 1,3,6,8-10 *	n 2, line 14; column 2, line olumn 3, line 9; column 3	, lines	2	
Α	FR-A-2 445 042 (O.N.E.R./ * Page 3, lines 18-33; figure:	The state of the s	1,1	2	
					TECHNICAL FIELDS SEARCHED (Int. Cl.5)
					H 01 Q
	The present search report has t	peen drawn up for all claims			
	Place of search	Date of completion of	search		Examiner
The Hague 21 February 9					
Y: A: O:	CATEGORY OF CITED DOCU particularly relevant if taken alone particularly relevant if combined wit document of the same catagory technological background non-written disclosure intermediate document	JMENTS	E: earlier pat the filing d D: document L: document	ate cited in th cited for o	ther reasons