



US00D659684S

(12) **United States Design Patent**
Karakama et al.

(10) **Patent No.:** **US D659,684 S**

(45) **Date of Patent:** **** May 15, 2012**

(54) **ANTENNA**

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(**) **Term:** **14 Years**

(21) **Appl. No.:** **29/379,769**

(22) **Filed:** **Nov. 24, 2010**

(30) **Foreign Application Priority Data**

May 25, 2010 (JP) 2010-012841

(51) **LOC (9) Cl.** **14-03**

(52) **U.S. Cl.** **D14/230**

(58) **Field of Classification Search** D14/138,
D14/230-238, 299, 358; D12/42, 43; 343/700 MS,
343/700 R-705, 711-713, 735, 736, 741,
343/748, 767, 795, 819, 840, 846, 866, 871-908;
455/90.2, 90.3, 91, 128, 269, 344, 347, 562.1
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,261,019	A *	7/1966	Lundy	.....	343/720
3,956,751	A *	5/1976	Herman	.....	343/744
4,518,965	A *	5/1985	Hidaka	.....	343/742
D310,671	S *	9/1990	Weiss	.....	D14/230
5,457,469	A *	10/1995	Diamond et al.	.....	343/730
5,764,196	A *	6/1998	Fujimoto et al.	.....	343/867
6,097,345	A *	8/2000	Walton	.....	343/769
6,510,125	B1 *	1/2003	Shigetomi et al.	.....	369/273
D505,416	S *	5/2005	Ma	.....	D14/230

D515,076	S *	2/2006	Kusanagi et al.	.....	D14/230
D547,306	S *	7/2007	Oliver	.....	D14/230
D548,225	S *	8/2007	Oliver	.....	D14/230
D558,191	S *	12/2007	Pempsell et al.	.....	D14/233
D574,370	S *	8/2008	Oliver	.....	D14/230
D591,733	S	5/2009	Karakama		
D591,734	S	5/2009	Karakama		
D614,174	S *	4/2010	Gladstone	.....	D14/230
2002/0075184	A1 *	6/2002	Tuttle	.....	343/700 MS
2003/0136689	A1 *	7/2003	Mathieu	.....	206/310
2003/0184495	A1 *	10/2003	Tomon	.....	343/895
2004/0075616	A1 *	4/2004	Endo et al.	.....	343/895
2007/0040876	A1 *	2/2007	Anderson et al.	347/86
2011/0050508	A1 *	3/2011	Guterman et al.	343/702

* cited by examiner

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(57) **CLAIM**

The ornamental design for an antenna, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of an antenna according to our design;

FIG. 2 is a front view thereof;

FIG. 3 is a rear view thereof;

FIG. 4 is a top view thereof;

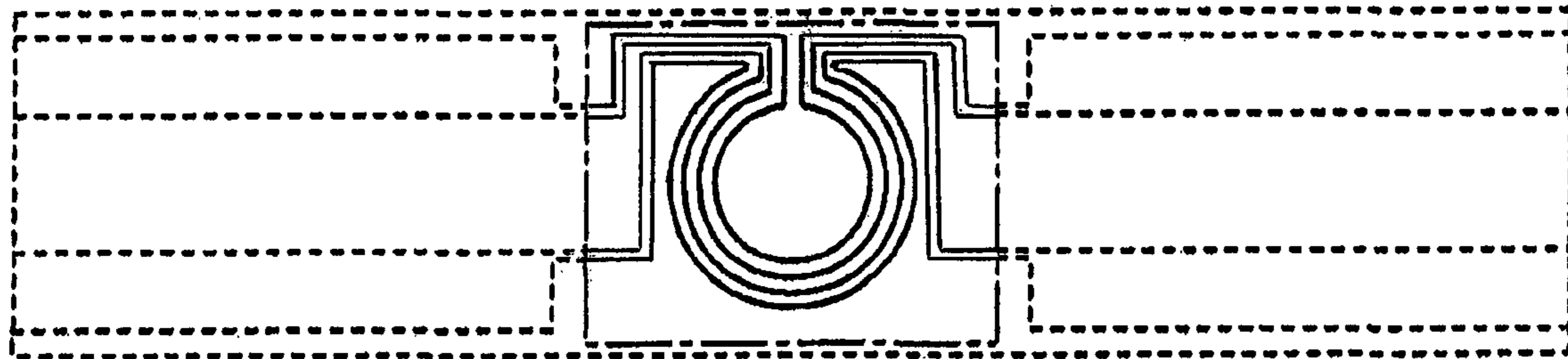
FIG. 5 is a bottom view thereof;

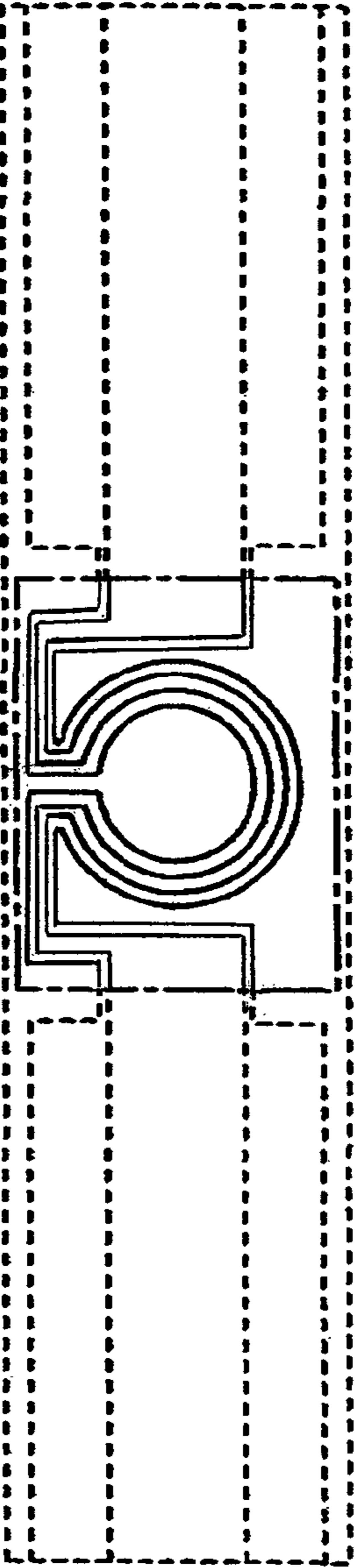
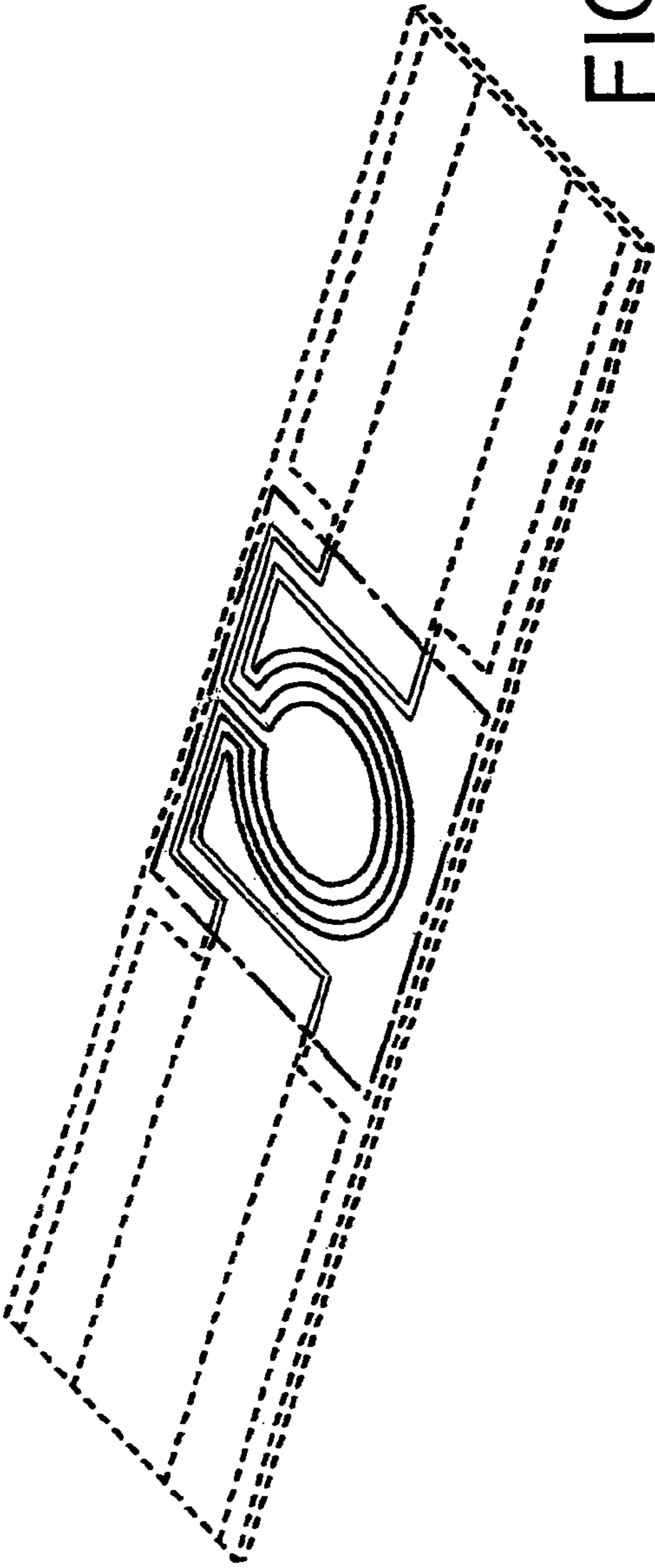
FIG. 6 is a right side view thereof; and,

FIG. 7 is a left side view thereof.

The broken lines are for illustrative purposes only and form no part of the claimed design. The dot-dash line represents the boundary between claimed and unclaimed areas of the antenna. All claimed areas are flat and coplanar.

1 Claim, 3 Drawing Sheets





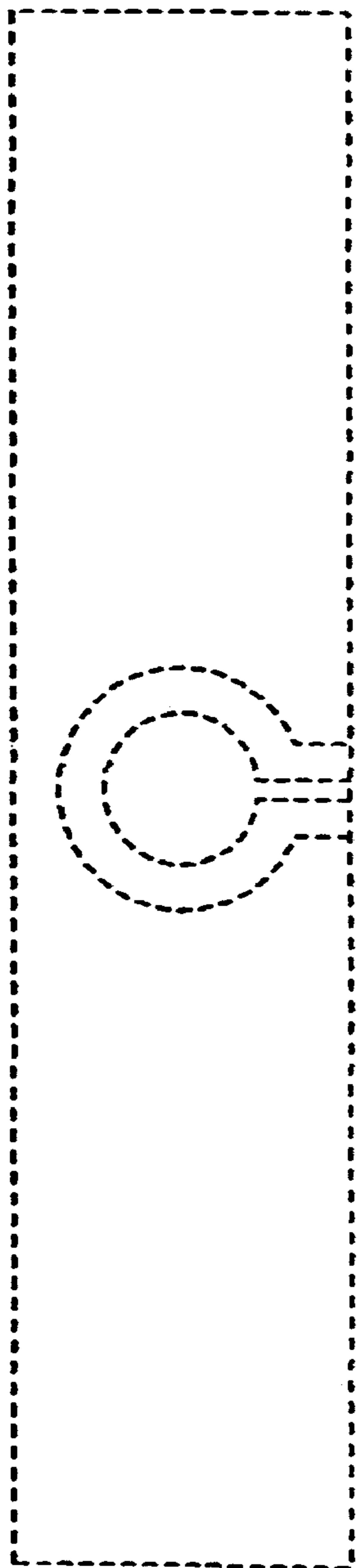


FIG. 3



FIG. 4



FIG. 5



FIG. 7



FIG. 6