



US00D684565S

(12) **United States Design Patent**  
**Wei**

(10) **Patent No.:** **US D684,565 S**

(45) **Date of Patent:** **\*\* Jun. 18, 2013**

(54) **ANTENNA**

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

(21) Appl. No.: **29/447,721**

(22) Filed: **Mar. 6, 2013**

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

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

(58) **Field of Classification Search**  
USPC ..... D14/138, 230–238, 299, 358; D12/42,  
D12/43; 343/700 MS, 700 R–705, 711–713,  
343/735, 736, 741, 748, 767, 795, 819, 840,  
343/846, 866, 871–908; 455/90.2, 90.3, 91,  
455/128, 269, 344, 347, 562.1; 333/193,  
333/195

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

7,148,849	B2 *	12/2006	Lin	.....	343/700 MS
7,333,067	B2 *	2/2008	Hung et al.	.....	343/770
7,405,704	B1 *	7/2008	Lin et al.	.....	343/702
D599,334	S *	9/2009	Chiang	.....	D14/230
7,705,783	B2 *	4/2010	Rao et al.	.....	343/700 MS
D621,819	S *	8/2010	Tsai et al.	.....	D14/230
7,843,390	B2 *	11/2010	Liu	.....	343/700 MS
D635,560	S *	4/2011	Tsai et al.	.....	D14/230
D635,963	S *	4/2011	Podduturi	.....	D14/230
D635,964	S *	4/2011	Podduturi	.....	D14/230
D635,965	S *	4/2011	Mi et al.	.....	D14/230
D636,382	S *	4/2011	Podduturi	.....	D14/230

D649,962	S *	12/2011	Tseng et al.	.....	D14/230
D651,198	S *	12/2011	Mi et al.	.....	D14/230
D654,060	S *	2/2012	Ko et al.	.....	D14/230
D658,639	S *	5/2012	Huang et al.	.....	D14/230
D659,685	S *	5/2012	Huang et al.	.....	D14/230
D671,097	S *	11/2012	Mi et al.	.....	D14/230
D678,255	S *	3/2013	Ko et al.	.....	D14/230
2004/0222936	A1 *	11/2004	Hung et al.	.....	343/795
2005/0190108	A1 *	9/2005	Lin et al.	.....	343/702
2007/0030203	A1 *	2/2007	Tsai et al.	.....	343/702
2008/0150829	A1 *	6/2008	Lin et al.	.....	343/860
2009/0002244	A1 *	1/2009	Woo	.....	343/702
2009/0058739	A1 *	3/2009	Konishi	.....	343/702
2009/0135072	A1 *	5/2009	Ke et al.	.....	343/700 MS
2009/0262028	A1 *	10/2009	Mumbru et al.	.....	343/702
2010/0188297	A1 *	7/2010	Chen 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 front elevation view of an antenna showing my new design;

FIG. 2 is a top plan view thereof;

FIG. 3 is a bottom plan view thereof;

FIG. 4 is a side elevation view thereof;

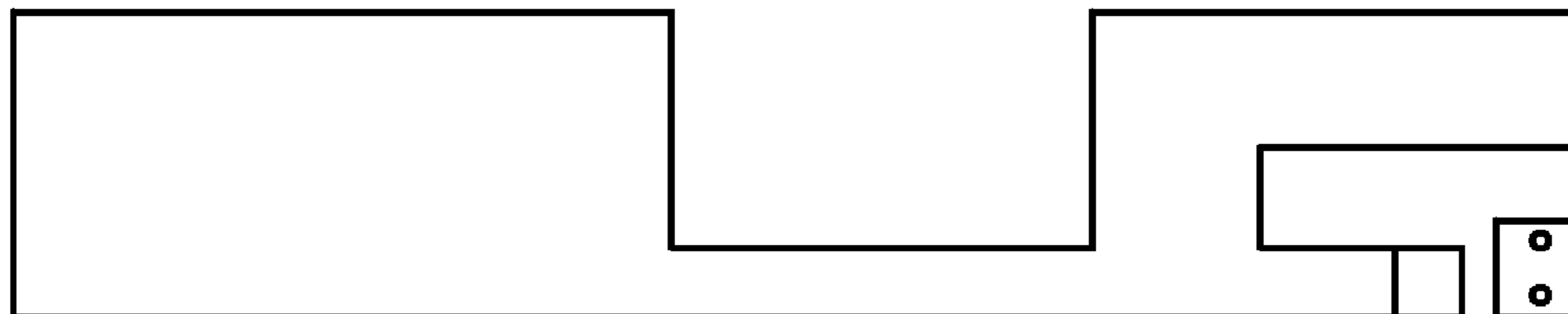
FIG. 5 is an opposing side elevation view thereof;

FIG. 6 is a front elevation view thereof in use; and,

FIG. 7 is a bottom perspective view thereof in use.

The broken lines in FIGS. 6 and 7 illustrate environment only and form no part of the claimed design.

**1 Claim, 2 Drawing Sheets**



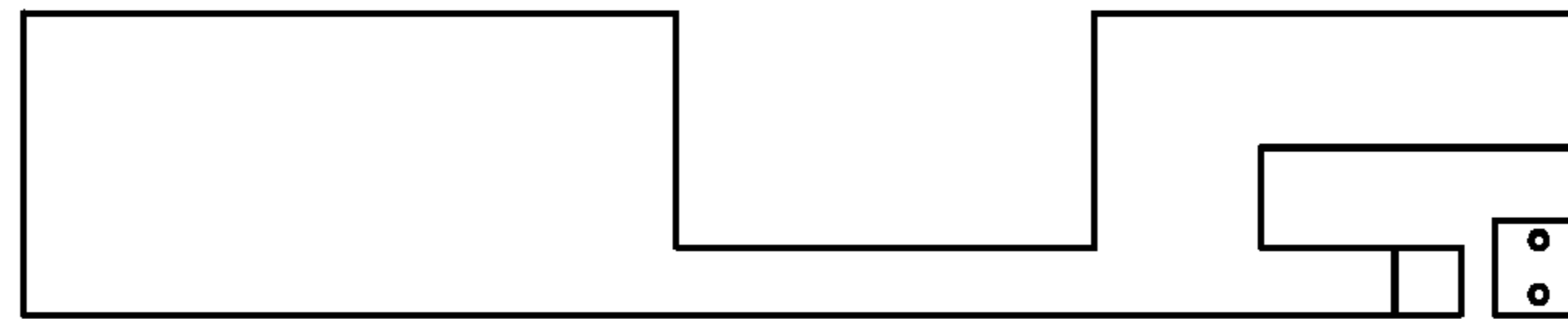


FIG. 1

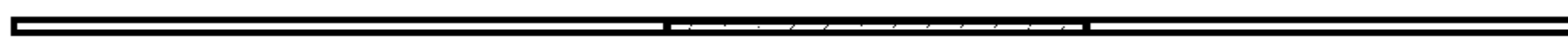


FIG. 2



FIG. 3



FIG. 4



FIG. 5

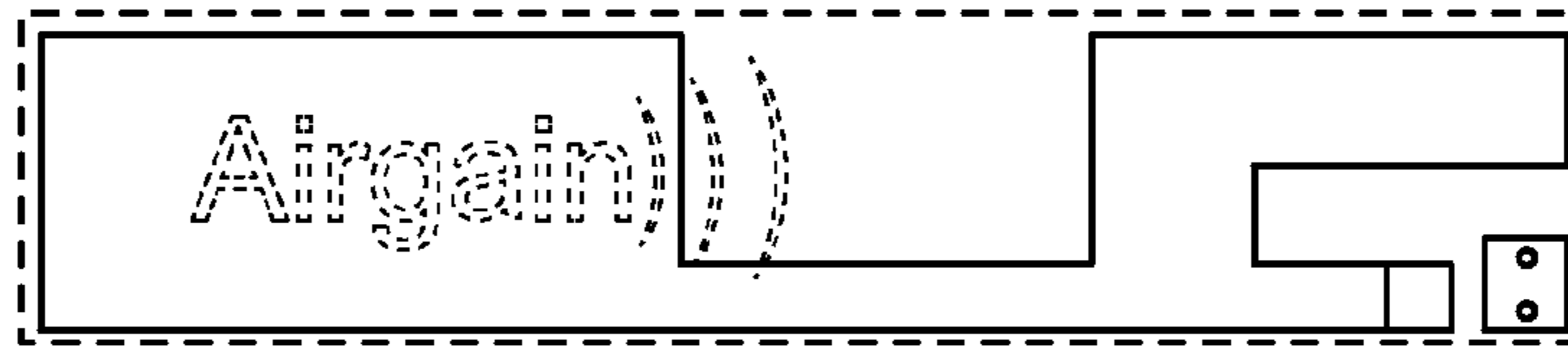


FIG. 6

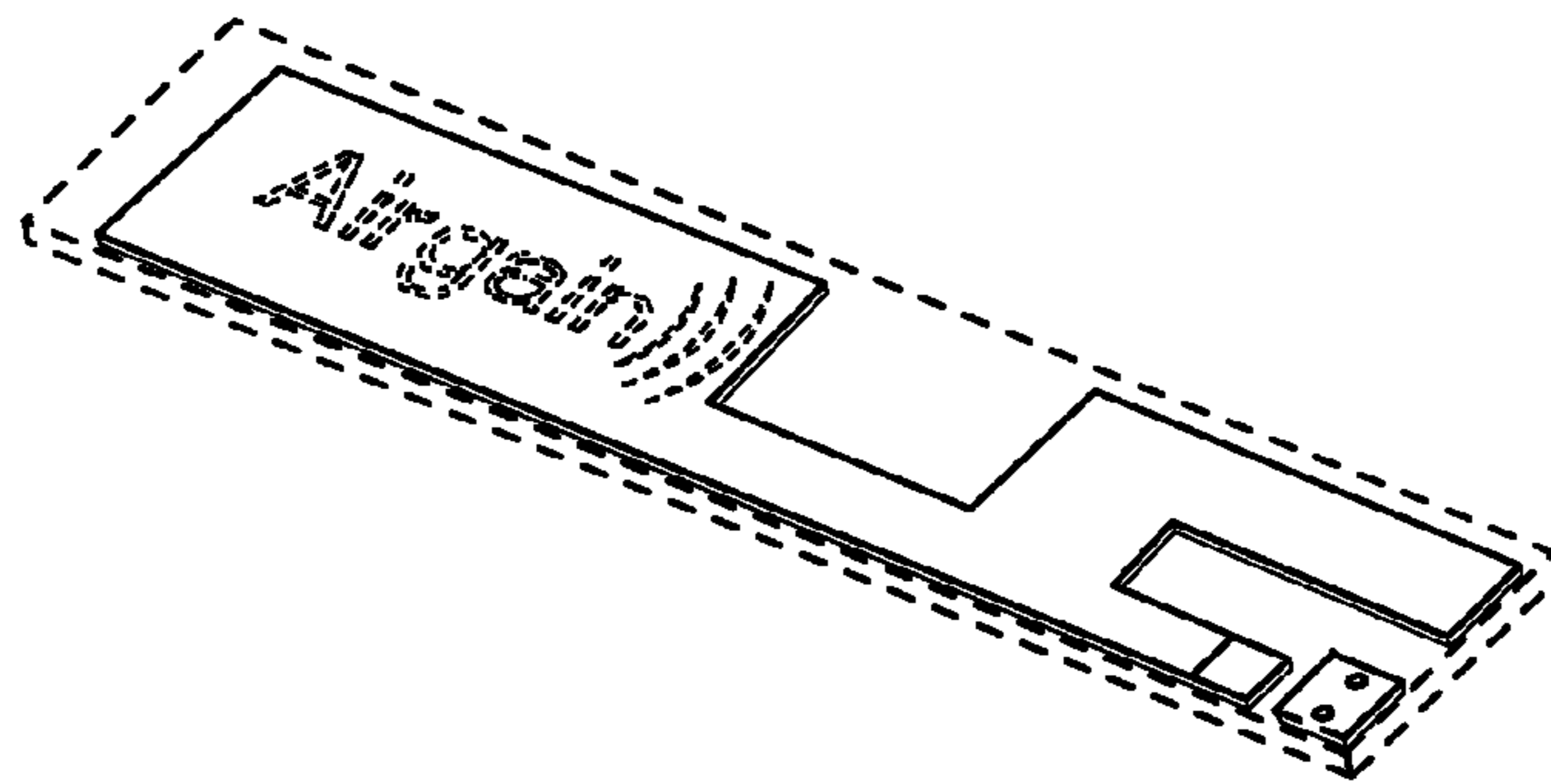


FIG. 7