



US00D706750S

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

(10) **Patent No.:** **US D706,750 S**  
(45) **Date of Patent:** **\*\* Jun. 10, 2014**

- (54) **ANTENNA**
- (71) Applicant: **Airgain, Inc.**, Carlsbad, CA (US)
- (72) Inventor: **Jonathan Bringuier**, Carlsbad, CA (US)
- (73) Assignee: **Airgain, Inc.**, San Diego, CA (US)
- (\*\*) Term: **14 Years**
- (21) Appl. No.: **29/462,101**
- (22) Filed: **Jul. 30, 2013**
- (51) **LOC (10) 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.

D606,053	S	12/2009	Wu et al.	
D607,442	S	1/2010	Su et al.	
D608,769	S	1/2010	Bufe	
7,642,967	B2 *	1/2010	Wang et al.	343/702
D612,368	S	3/2010	Yang et al.	
7,705,783	B2	4/2010	Rao et al.	
D621,819	S *	8/2010	Tsai et al.	D14/230
7,843,390	B2	11/2010	Liu	
D633,483	S	3/2011	Su et al.	
D633,900	S *	3/2011	Tsai et al.	D14/230
D635,127	S	3/2011	Tsai et al.	
D635,560	S	4/2011	Tsai et al.	
D635,963	S	4/2011	Podduturi	
D635,964	S *	4/2011	Podduturi	D14/230
D635,965	S	4/2011	Mi et al.	
D636,382	S	4/2011	Podduturi	
D649,962	S	12/2011	Tseng et al.	
D650,370	S *	12/2011	Huang et al.	D14/230

(Continued)

*Primary Examiner* — John Windmuller

(74) *Attorney, Agent, or Firm* — Clause Eight IPS; Michael Catania

(57) **CLAIM**

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

**DESCRIPTION**

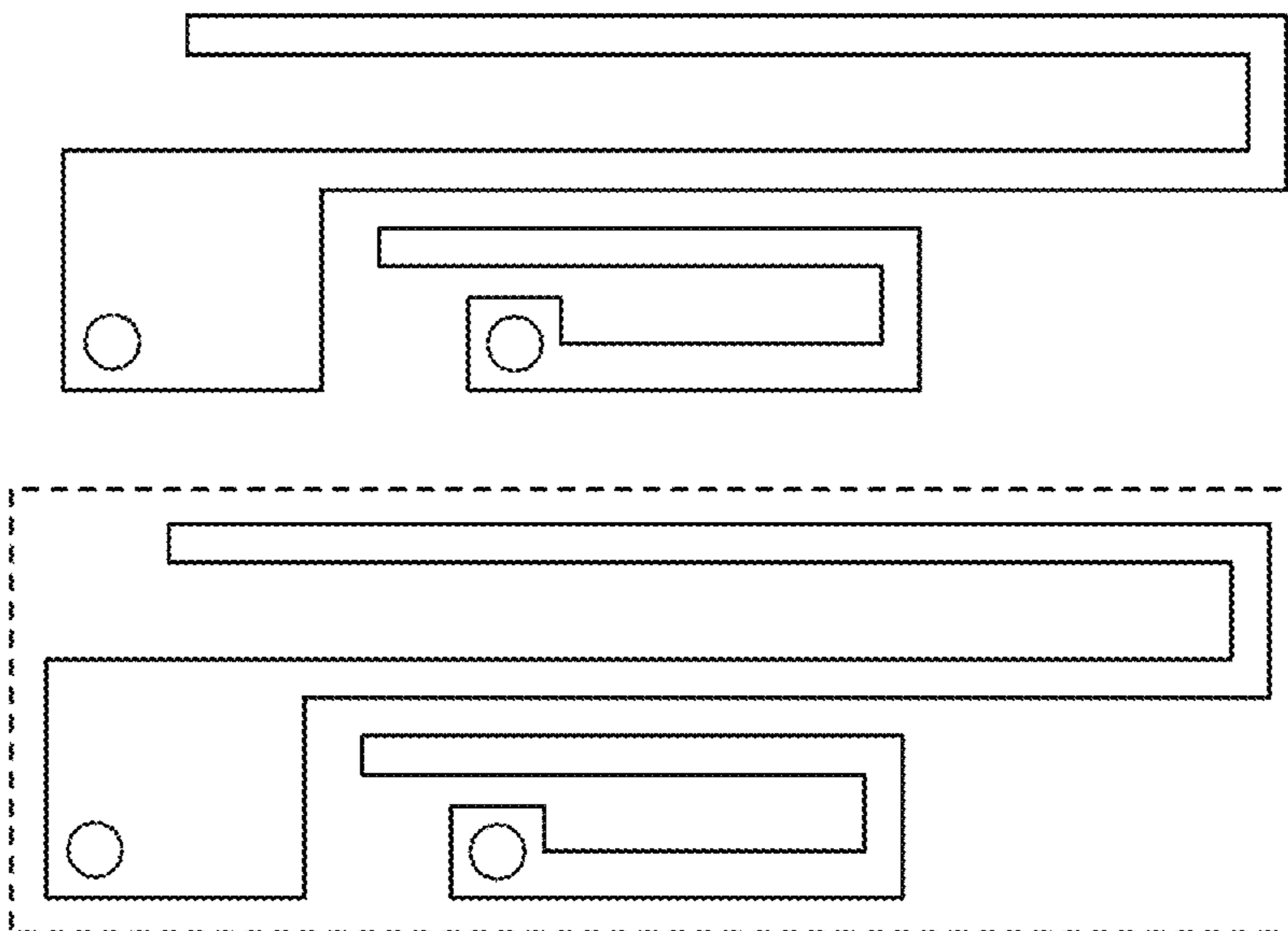
FIG. 1 is a front elevation view of an antenna.  
 FIG. 2 is a front elevation view of an antenna with broken lines showing a cover.  
 FIG. 3 is a top plan view of the antenna of FIG. 1.  
 FIG. 4 is a bottom plan view of the antenna of FIG. 1.  
 FIG. 5 is a side view of the antenna of FIG. 1.  
 FIG. 6 is a side view of the antenna of FIG. 1; and,  
 FIG. 7 is a rear elevation view of the antenna of FIG. 1 with broken lines showing a cover.  
 The broken line showing is for illustrative purposes only and forms no part of the claimed design.

**1 Claim, 2 Drawing Sheets**

(56) **References Cited**

U.S. PATENT DOCUMENTS

7,061,437	B2	6/2006	Lin et al.	
7,148,849	B2 *	12/2006	Lin	343/700 MS
D546,821	S	7/2007	Oliver	
D549,696	S	8/2007	Oshima et al.	
7,333,067	B2	2/2008	Hung et al.	
D572,243	S *	7/2008	Lin et al.	D14/230
D573,589	S	7/2008	Montgomery et al.	
7,405,704	B1 *	7/2008	Lin et al.	343/702
D578,520	S *	10/2008	Miyoshi	D14/230
7,477,195	B2	1/2009	Vance	
D589,035	S *	3/2009	Hellgren	D14/230
D592,195	S	5/2009	Wu et al.	
D599,334	S	9/2009	Chiang	



(56)

References Cited

U.S. PATENT DOCUMENTS

D651,198 S 12/2011 Mi et al.  
 D654,058 S \* 2/2012 Mi et al. .... D14/230  
 D654,059 S 2/2012 Mi et al.  
 D654,060 S 2/2012 Ko et al.  
 D658,639 S 5/2012 Huang et al.  
 D659,129 S 5/2012 Mi et al.  
 D659,685 S 5/2012 Huang et al.  
 D659,688 S 5/2012 Huang et al.  
 D662,916 S 7/2012 Huang et al.  
 D671,097 S \* 11/2012 Mi et al. .... D14/230  
 D676,429 S 2/2013 Gosalia et al.  
 D678,255 S 3/2013 Ko et al.  
 D680,104 S \* 4/2013 Huang et al. .... D14/230  
 D684,565 S 6/2013 Wei  
 D685,772 S 7/2013 Zheng et al.  
 2002/0003499 A1 1/2002 Kouam et al.  
 2004/0222936 A1 11/2004 Hung et al.  
 2005/0073462 A1 4/2005 Lin et al.  
 2005/0190108 A1 9/2005 Lin et al.  
 2006/0208900 A1 9/2006 Tavassoli Hozouri

2007/0030203 A1 2/2007 Tsai et al.  
 2008/0079639 A1 \* 4/2008 Jen-Huan ..... 343/702  
 2008/0136711 A1 \* 6/2008 Lai et al. .... 343/700 MS  
 2008/0150829 A1 6/2008 Lin et al.  
 2008/0158085 A1 \* 7/2008 Lu et al. .... 343/793  
 2009/0002244 A1 1/2009 Woo  
 2009/0027275 A1 \* 1/2009 Su et al. .... 343/700 MS  
 2009/0058739 A1 \* 3/2009 Konishi ..... 343/702  
 2009/0135072 A1 5/2009 Ke et al.  
 2009/0262028 A1 10/2009 Mumbru et al.  
 2010/0079350 A1 \* 4/2010 Lai et al. .... 343/843  
 2010/0134358 A1 \* 6/2010 Su et al. .... 343/700 MS  
 2010/0188297 A1 7/2010 Chen et al.  
 2010/0253580 A1 \* 10/2010 Yan et al. .... 343/700 MS  
 2010/0309067 A1 12/2010 Tsou et al.  
 2010/0328182 A1 \* 12/2010 Wong et al. .... 343/848  
 2011/0006950 A1 1/2011 Park et al.  
 2011/0291894 A1 \* 12/2011 Qi et al. .... 343/700 MS  
 2012/0038514 A1 2/2012 Bang  
 2012/0229348 A1 9/2012 Chiang  
 2012/0242546 A1 9/2012 Hu et al.  
 2013/0033400 A1 \* 2/2013 Chiang ..... 343/700 MS

\* cited by examiner

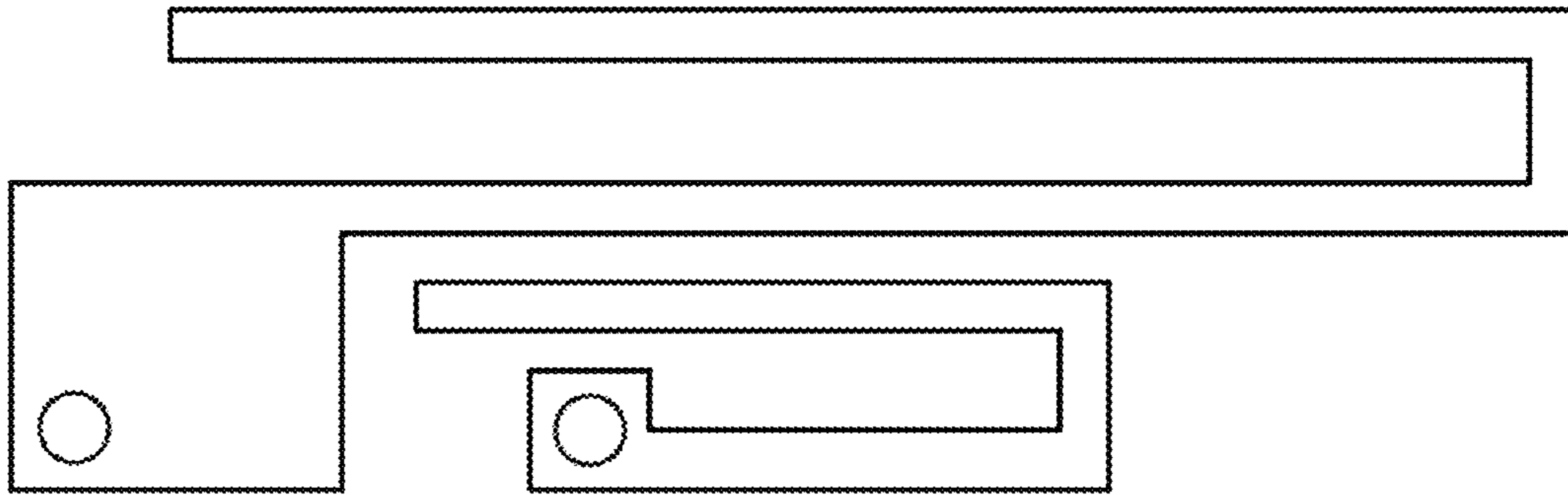


FIG. 1

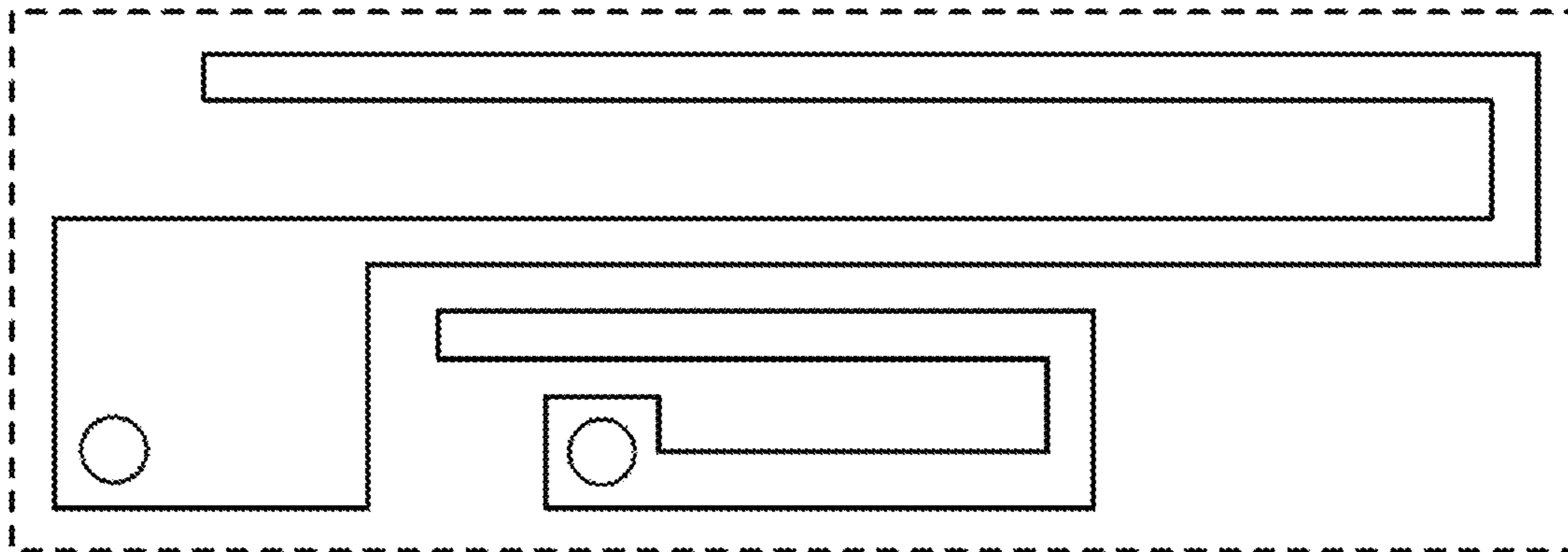


FIG. 2



FIG. 3



FIG. 4



FIG. 5



FIG. 6

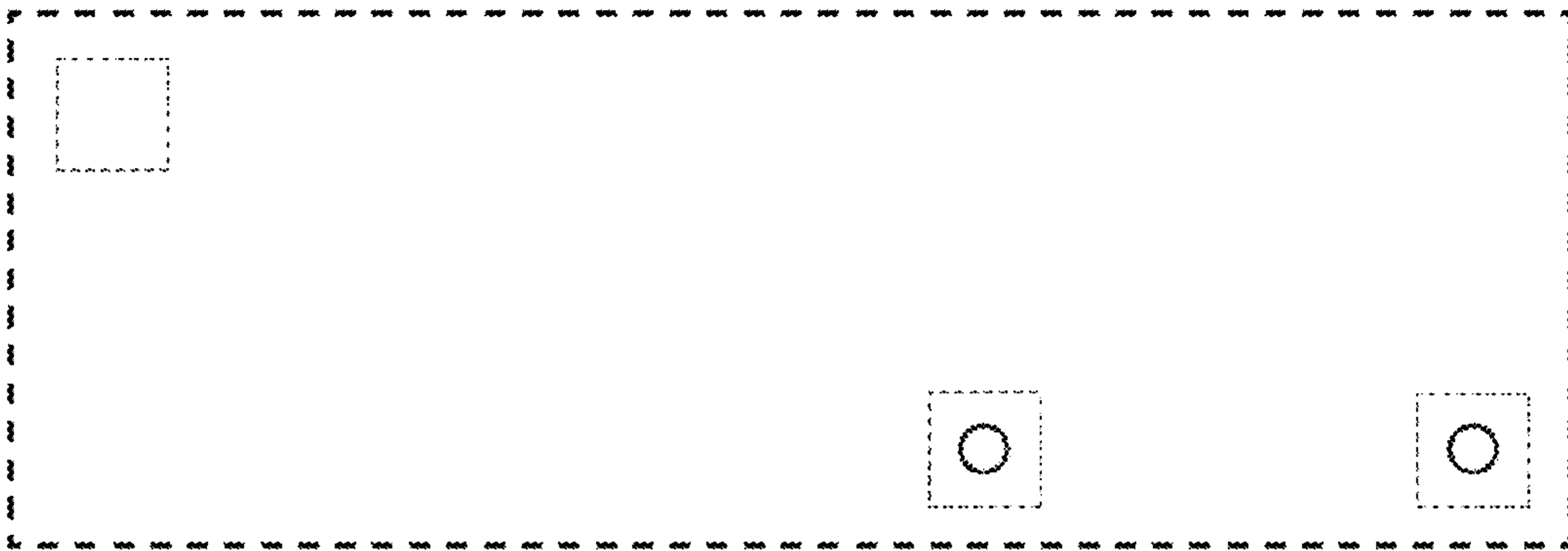


FIG. 7