



US00D780724S

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

(10) **Patent No.:** **US D780,724 S**
(45) **Date of Patent:** **** Mar. 7, 2017**

- (54) **ANTENNA**
- (71) Applicant: **Airgain, Incorporated**, San Diego, CA (US)
- (72) Inventors: **Wei Chang**, Zhang Jia Gang (CN); **Qun Li**, Zhang Jia Gang (CN)
- (73) Assignee: **Airgain Incorporated**, San Diego, CA (US)
- (**) Term: **15 Years**
- (21) Appl. No.: **29/576,073**
- (22) Filed: **Aug. 31, 2016**

D570,800 S *	6/2008	Chen	.....	D13/182
D589,500 S *	3/2009	Callas	.....	D14/230
D682,813 S *	5/2013	Huang	.....	D14/230
D706,247 S *	6/2014	Zheng	.....	D14/230
D716,773 S *	11/2014	Forster	.....	D14/230
D716,775 S *	11/2014	Bidermann	.....	D14/230
D768,118 S *	10/2016	Chang	.....	D14/230
D773,444 S *	12/2016	He	.....	D14/230

Related U.S. Application Data

- (62) Division of application No. 29/525,327, filed on Apr. 29, 2015, now Pat. No. Des. 768,118.
- (51) **LOC (10) Cl.** **14-03**
- (52) **U.S. Cl.**
USPC **D14/230**
- (58) **Field of Classification Search**
USPC D14/138, 230-238.1, 299, 358; D13/182
CPC H01L 33/48; H01L 33/486; H01L 23/02;
H05K 5/00; H01Q 13/10
See application file for complete search history.

References Cited

U.S. PATENT DOCUMENTS

- (56) 5,754,143 A * 5/1998 Warnagiris H01Q 1/36
343/746
- 6,281,854 B1 * 8/2001 Ohoka H01Q 1/273
343/718
- 7,183,982 B2 * 2/2007 Kadambi H01Q 1/243
343/700 MS
- 7,193,565 B2 * 3/2007 Caimi H01Q 1/243
343/700 MS
- D555,154 S * 11/2007 Lin D14/230

OTHER PUBLICATIONS

<http://www.airgain.com/ultra-M5X10C>—Published May 25, 2012.*
<http://airgain.com/our-services/embedded-antennas/>—Retrieved Dec. 17, 2016.*

* cited by examiner

Primary Examiner — Manpreet Matharu
Assistant Examiner — Mojtaba Tehrani

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

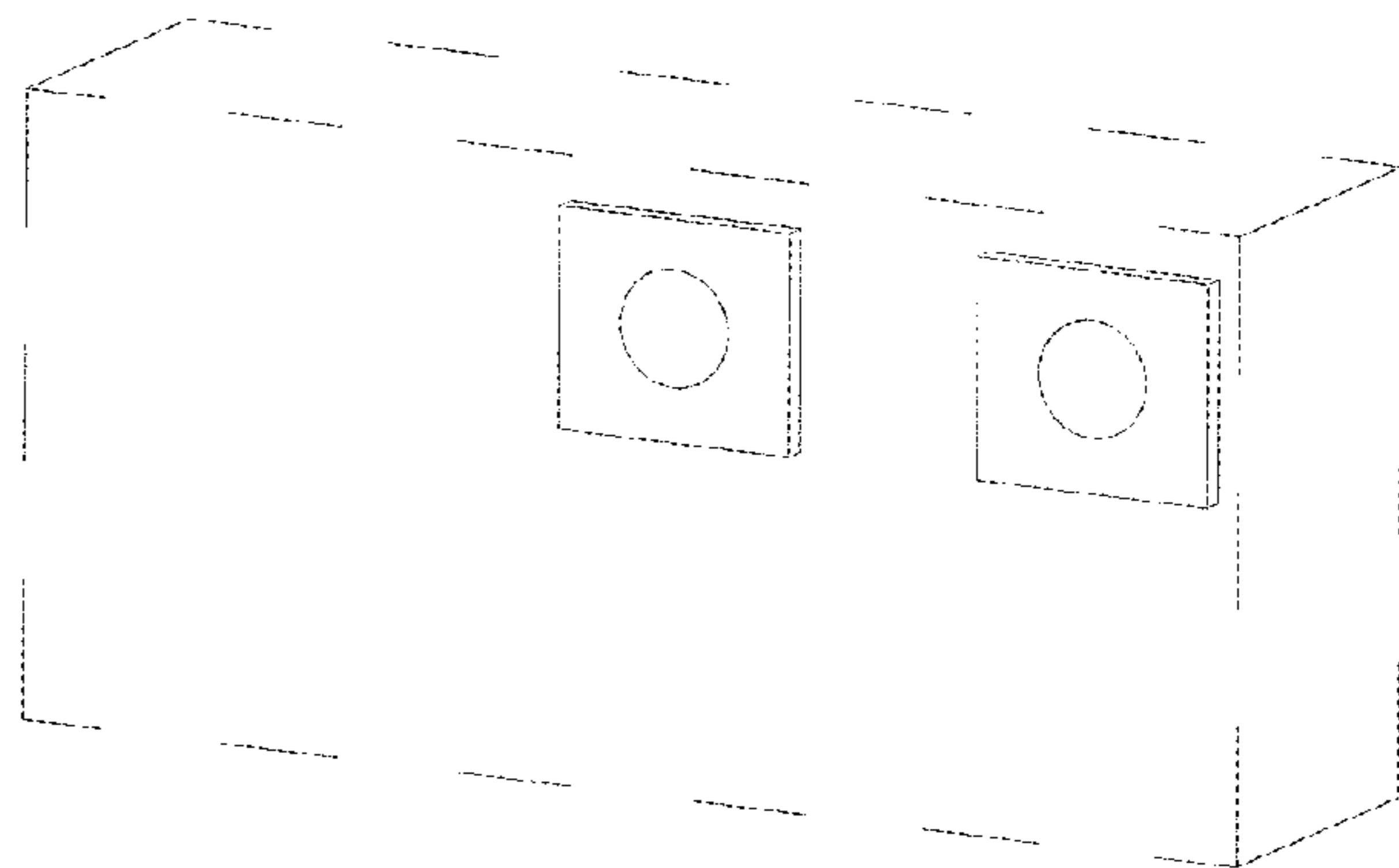
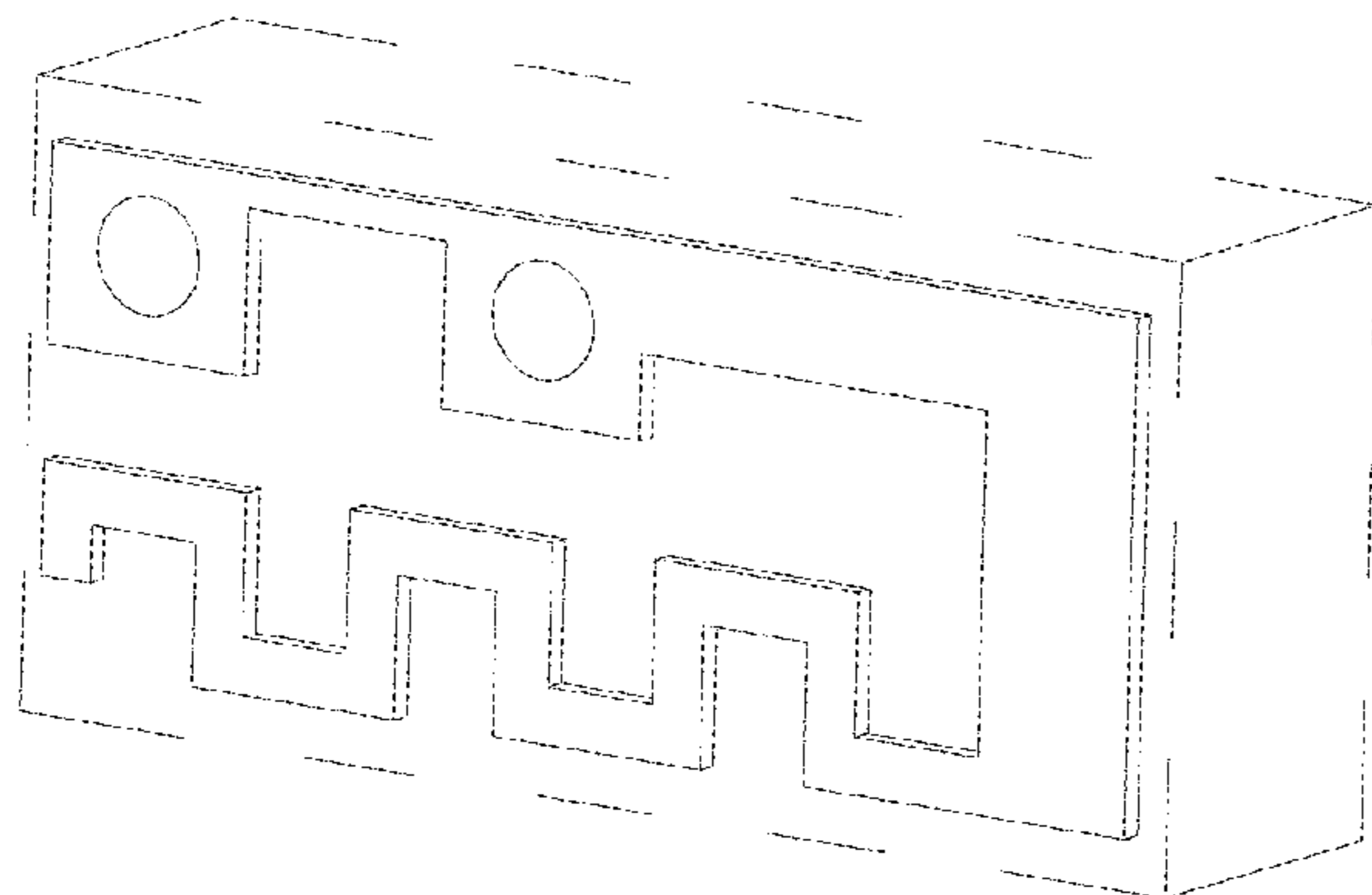
(57) **CLAIM**

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

DESCRIPTION

FIG. 1 is a front elevation view of an antenna, showing our new design;
 FIG. 2 is a top plan view thereof;
 FIG. 3 is a rear elevation view thereof;
 FIG. 4 is a top front perspective view thereof;
 FIG. 5 is a top rear perspective view thereof;
 FIG. 6 is a front elevation view thereof, with unclaimed environment not shown; and,
 FIG. 7 is a rear elevation view thereof, with unclaimed environment not shown.
 The broken line in the figure drawings represents unclaimed environment only and forms no part of the claimed design.

1 Claim, 2 Drawing Sheets



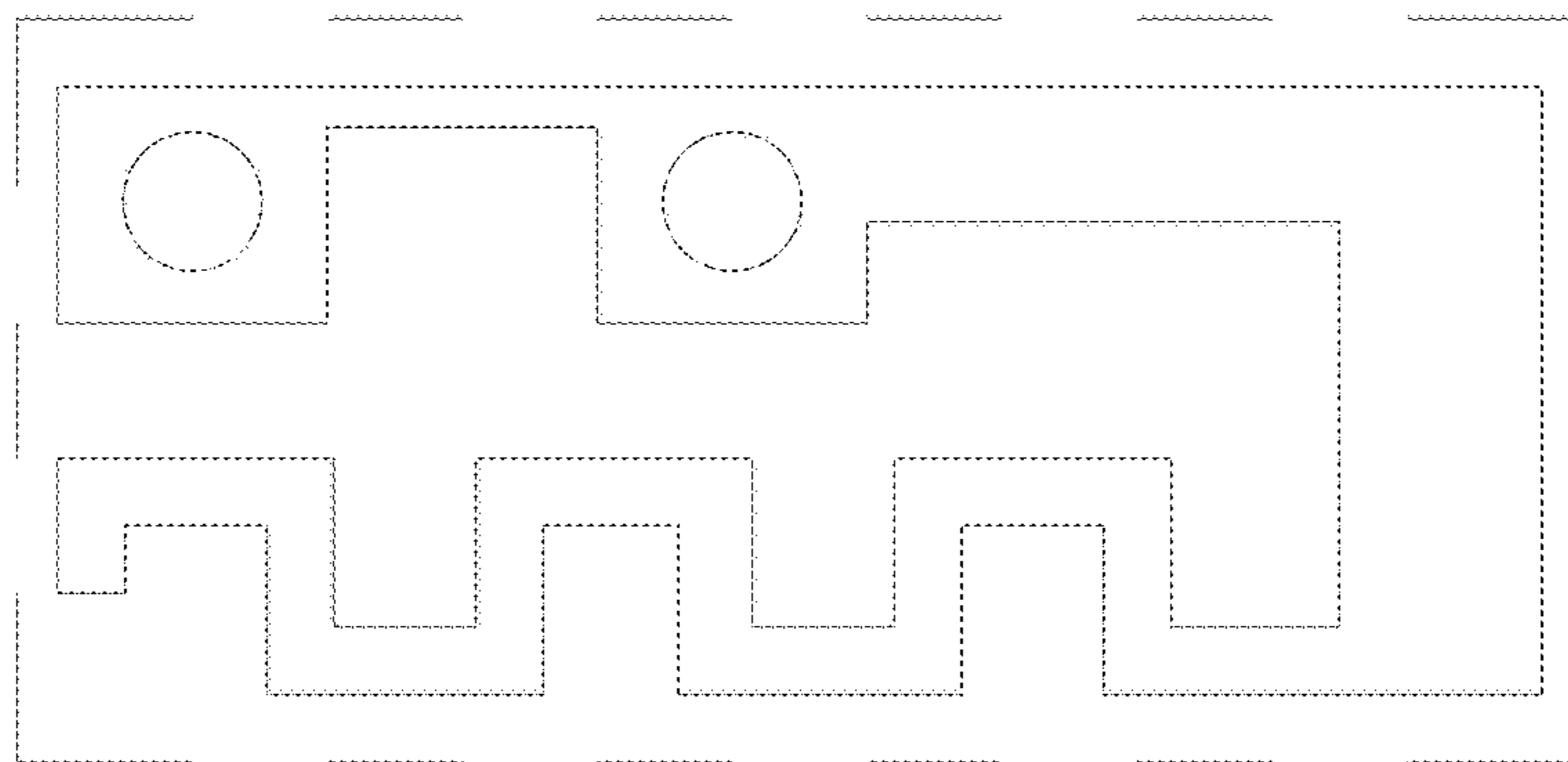


FIG. 1

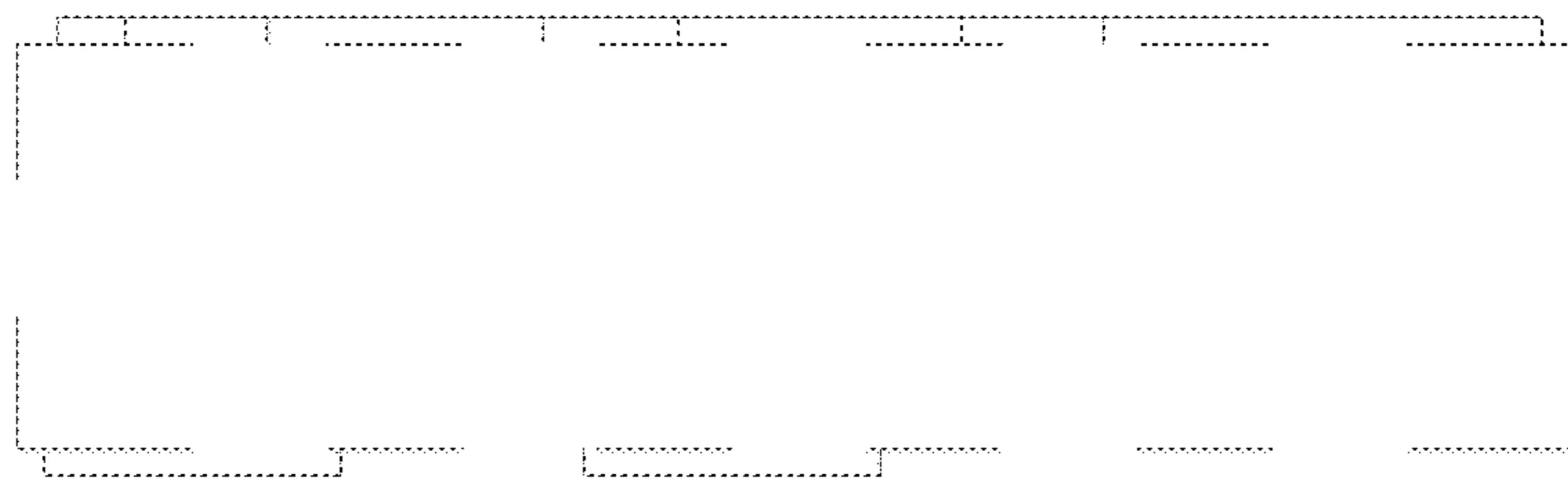


FIG. 2

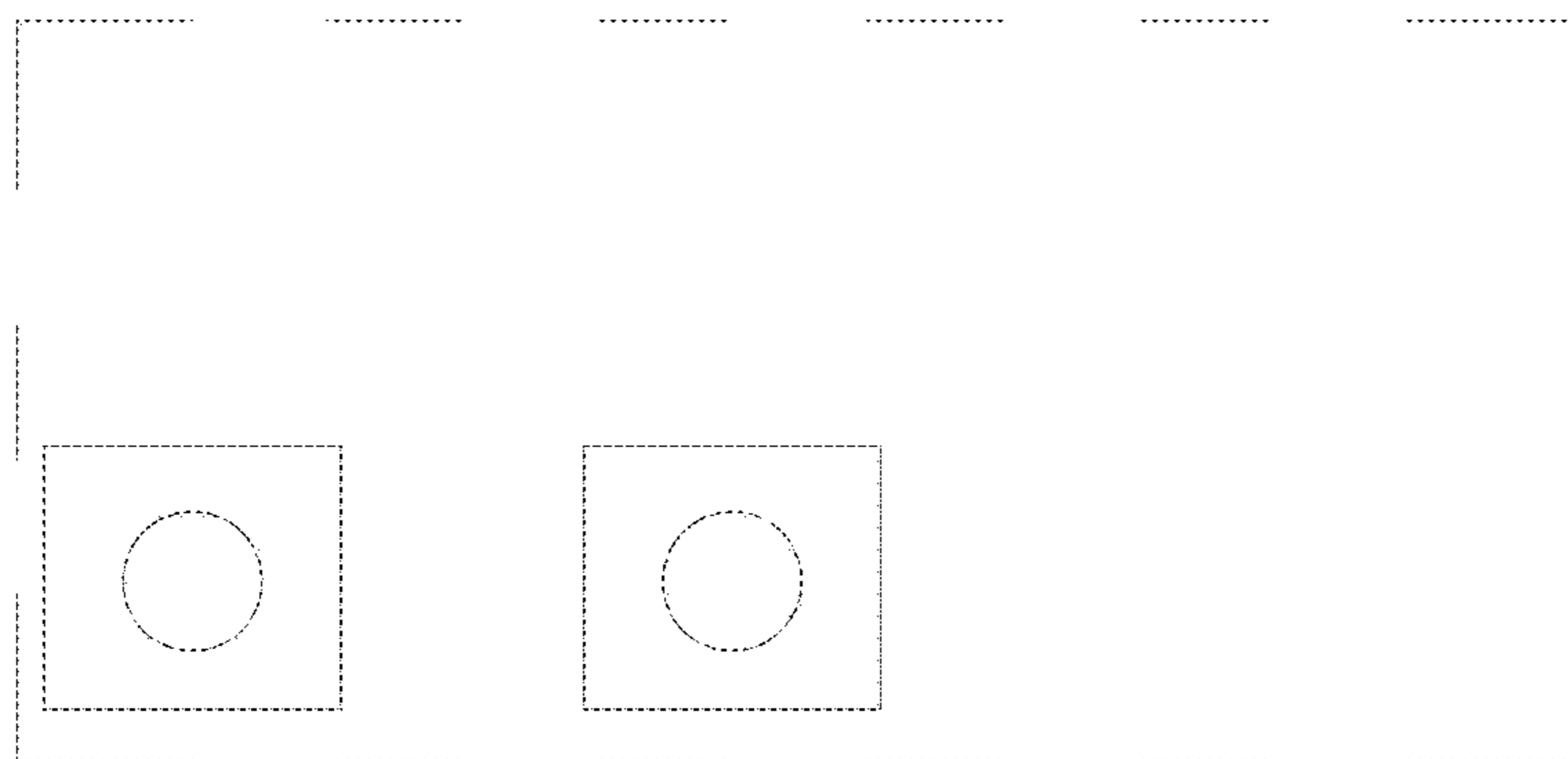


FIG. 3

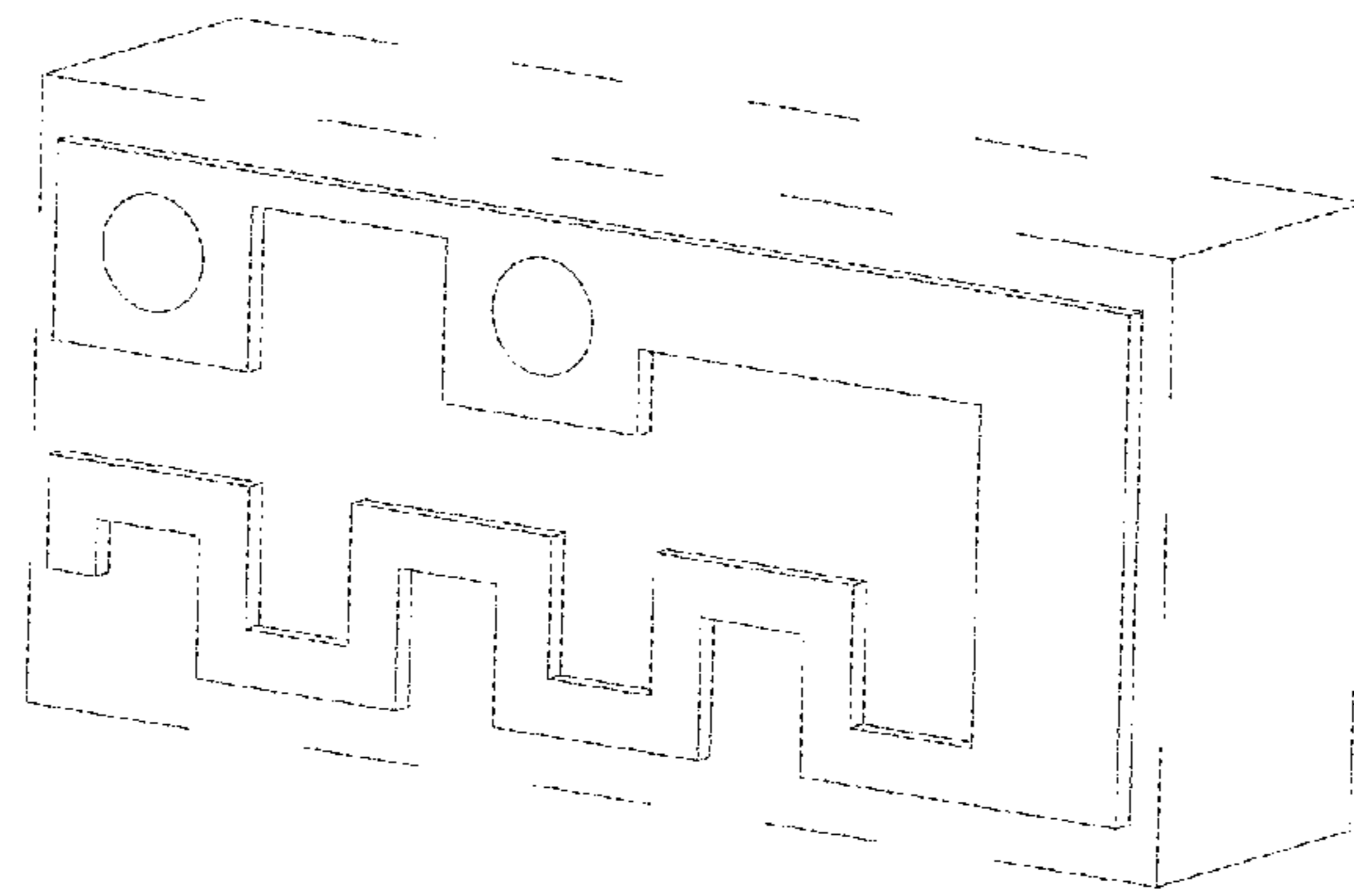


FIG. 4

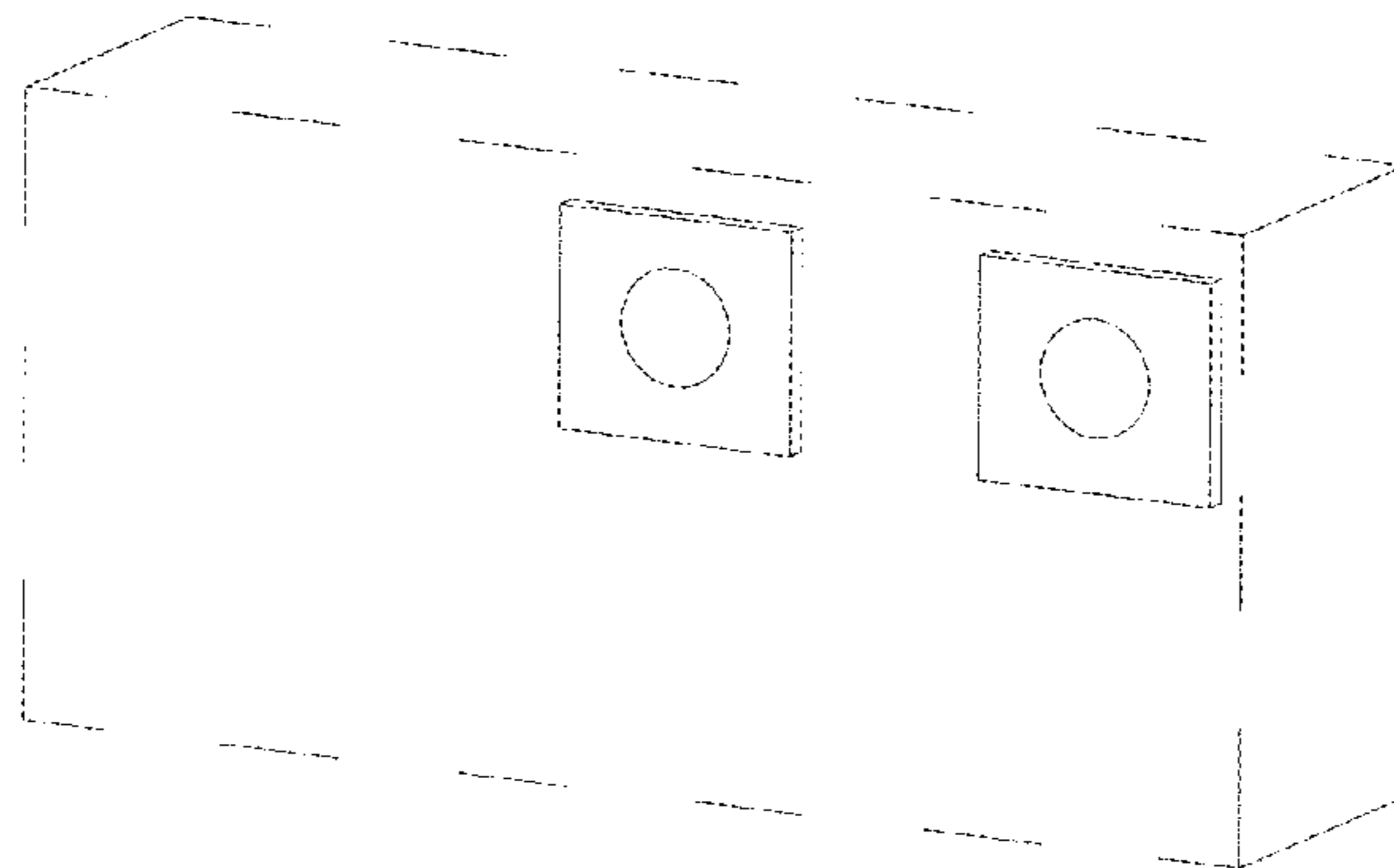


FIG. 5

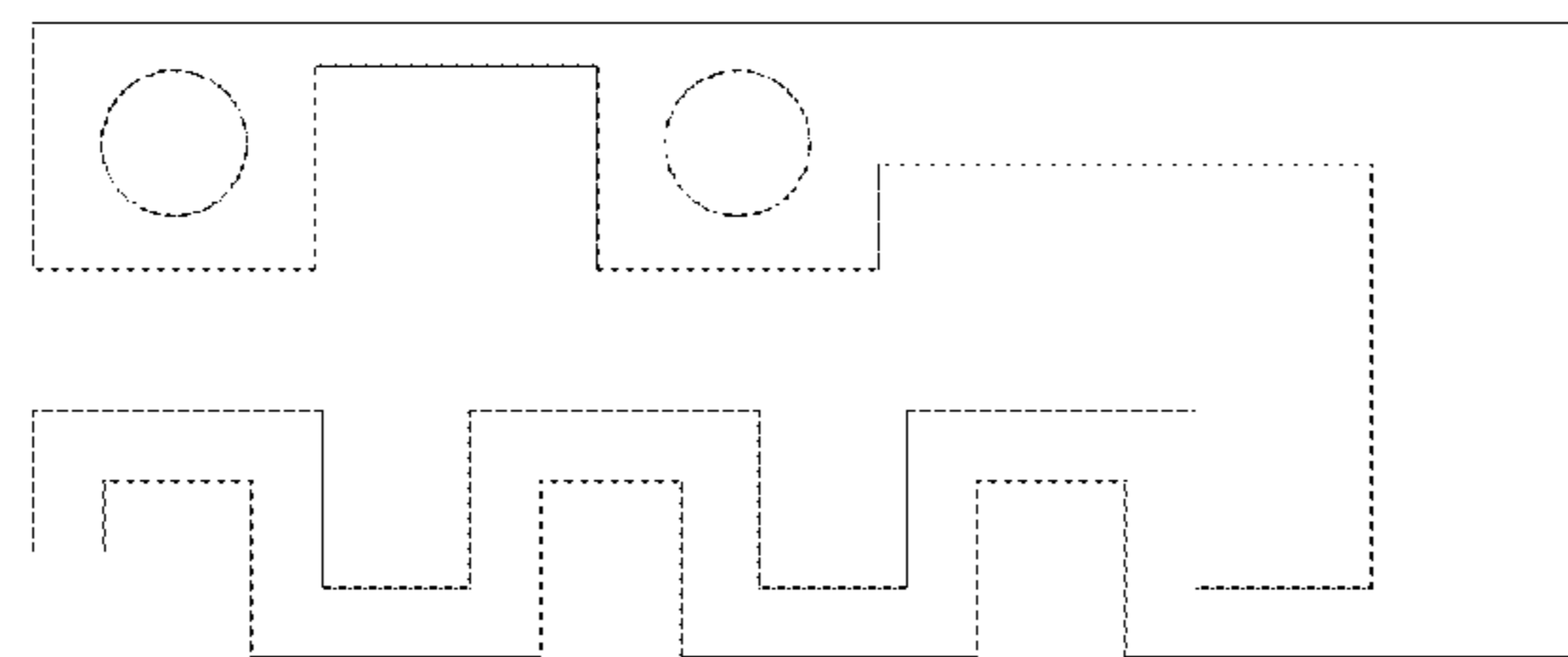


FIG. 6

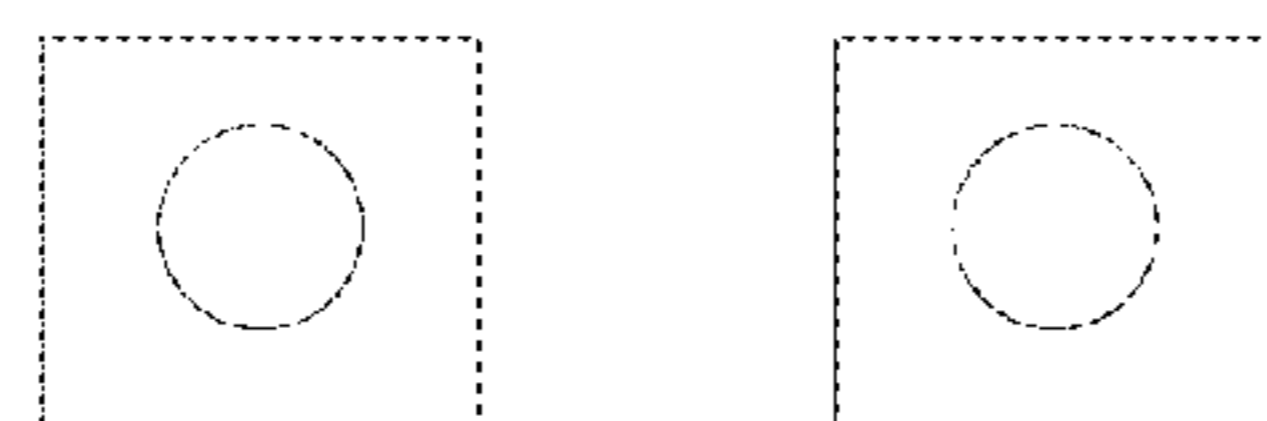


FIG. 7