



US00D876361S

(12) **United States Design Patent** (10) **Patent No.:** **US D876,361 S**  
**Hu** (45) **Date of Patent:** **\*\* Feb. 25, 2020**

(54) **WIRE CONNECTOR**

(71) Applicant: **Qingdao Baobin Electronics Technology Co., Ltd.**, Qingdao, Shandong (CN)

(72) Inventor: **Baobin Hu**, Shandong (CN)

(\*\*) Term: **15 Years**

(21) Appl. No.: **29/707,103**

(22) Filed: **Sep. 26, 2019**

(51) **LOC (12) Cl.** ..... **13-03**

(52) **U.S. Cl.**  
USPC ..... **D13/133**

(58) **Field of Classification Search**  
USPC ..... D13/110, 118, 123, 133, 146, 147, 149, D13/154-156, 173, 184, 199; D24/129; D14/433  
CPC ..... G02B 6/38; H01R 11/22; H01R 13/28; H01R 13/436; H01R 13/64; H01R 4/24; H01R 4/48

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

- D195,171 S \* 5/1963 Keller ..... D13/146
- 3,654,586 A \* 4/1972 Winkler ..... H01R 13/64  
439/295
- D357,226 S \* 4/1995 Ybanez ..... D13/146
- 5,651,697 A \* 7/1997 Cinquegrani ..... H01R 13/6272  
439/374
- D432,498 S \* 10/2000 Kuroda ..... D13/133
- 6,296,523 B1 \* 10/2001 Sasai ..... B29C 45/26  
439/607.09
- D512,687 S \* 12/2005 Baker ..... D13/133
- D534,492 S \* 1/2007 Oohira ..... D13/123
- D576,557 S \* 9/2008 Hariharesan ..... D13/133
- D578,065 S \* 10/2008 Baker ..... D13/133
- D608,285 S \* 1/2010 Sato ..... D13/146
- D629,754 S \* 12/2010 Oda ..... D13/147

- D643,817 S \* 8/2011 Ando ..... D13/133
- D665,748 S \* 8/2012 Baker ..... D13/133
- D798,237 S 9/2017 Peng
- 2003/0216075 A1 \* 11/2003 Baker ..... H01R 24/84  
439/310
- 2007/0123091 A1 \* 5/2007 Swedberg ..... H01R 4/4836  
439/409
- 2015/0255923 A1 \* 9/2015 Xu ..... H01R 4/4836  
439/345

**OTHER PUBLICATIONS**

Orion Motor Tech 6-8 Gauge Battery Quick Connect Disconnect Wire Harness Plug Kit, dated Aug. 25, 2015, [online], [site visited Dec. 12, 2019]. Available from Internet, URL: <https://www.amazon.com/dp/B014FEV6EU/> (Year: 2015).\*

\* cited by examiner

*Primary Examiner* — Angela J Lee  
*Assistant Examiner* — Shawn T Gingrich  
(74) *Attorney, Agent, or Firm* — ZANIP

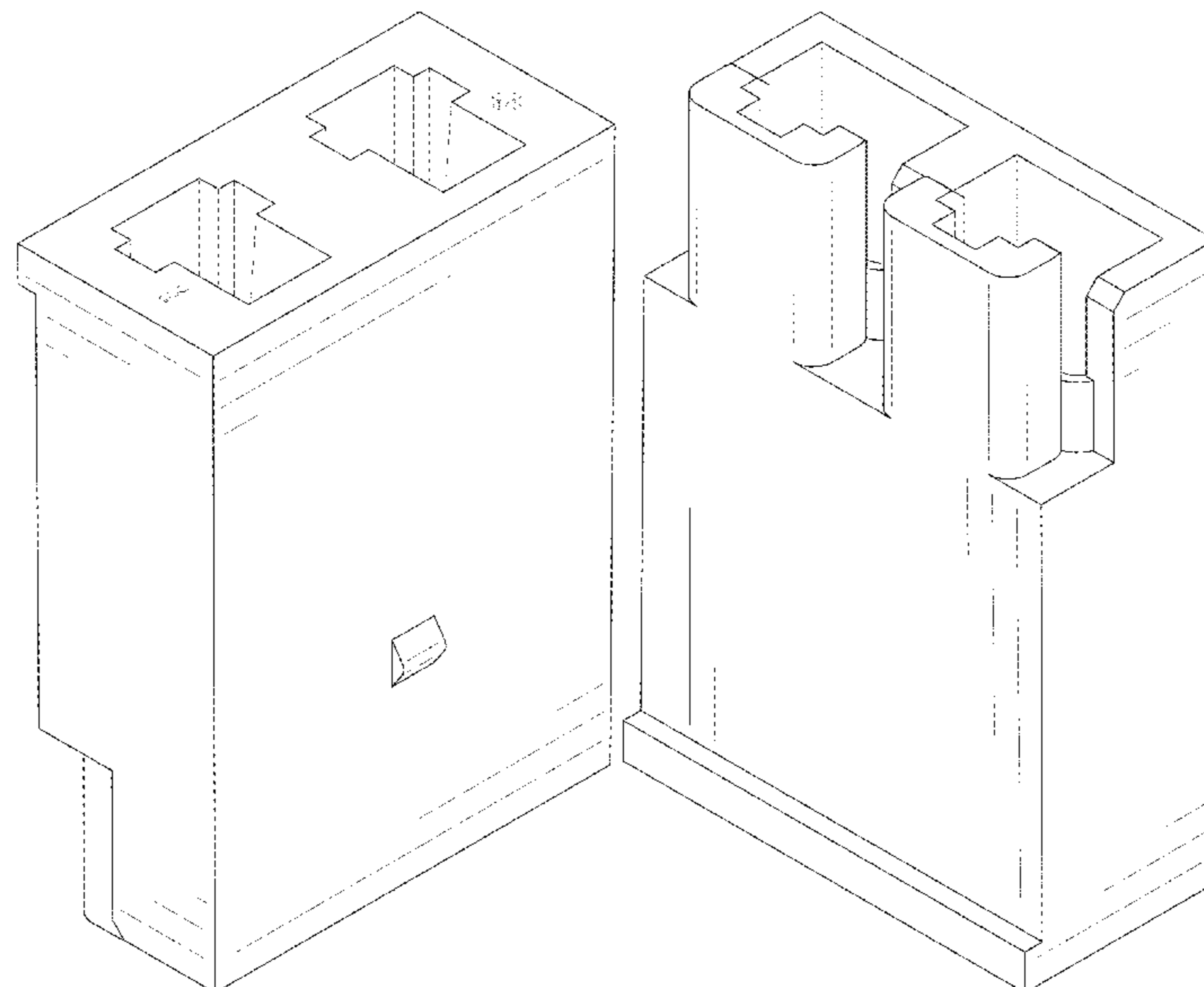
(57) **CLAIM**

The ornamental design for a wire connector, as shown and described.

**DESCRIPTION**

FIG. 1 is a front and top perspective view of a wire connector, showing my new design; FIG. 2 is a rear and bottom perspective view thereof; FIG. 3 is a front elevational view thereof; FIG. 4 is a rear elevational view thereof; FIG. 5 is a left side devotional view thereof; FIG. 6 is a right side elevational view thereof; FIG. 7 is a top plan view thereof; and, FIG. 8 is a bottom plan view thereof. The broken lines in the figures illustrate portions of the wire connector that form no part of the claimed design.

**1 Claim, 8 Drawing Sheets**



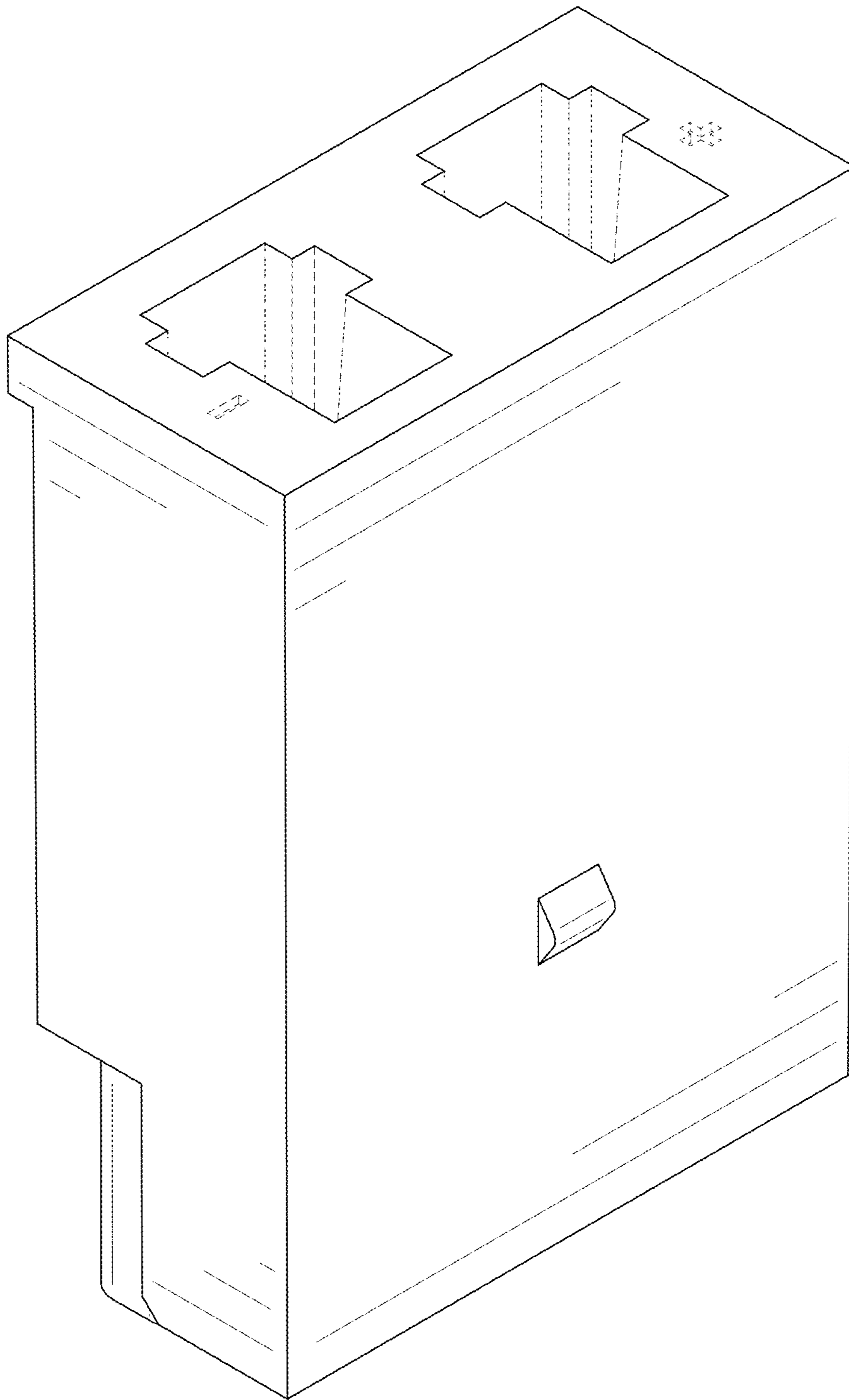


FIG. 1

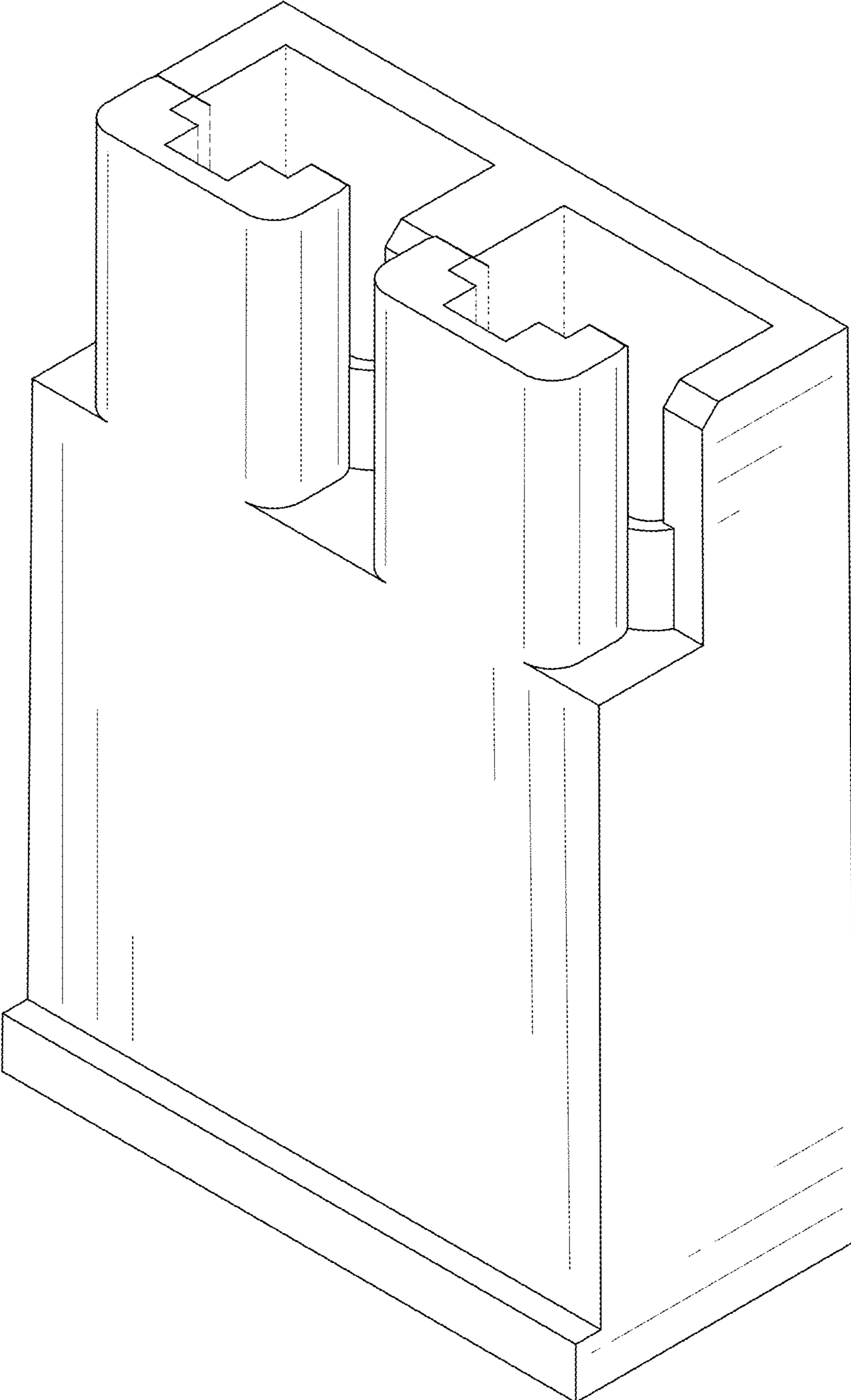


FIG. 2

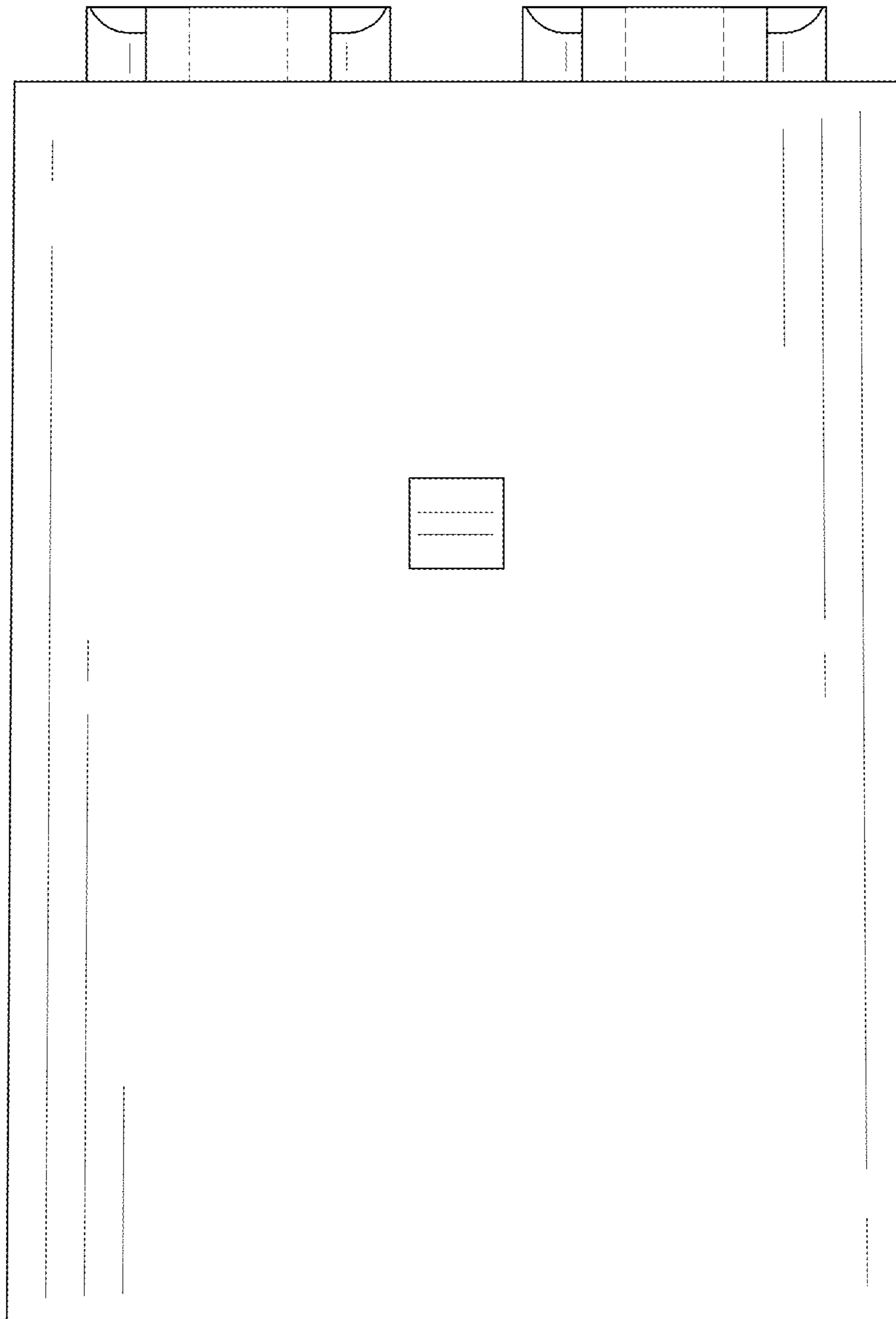


FIG. 3

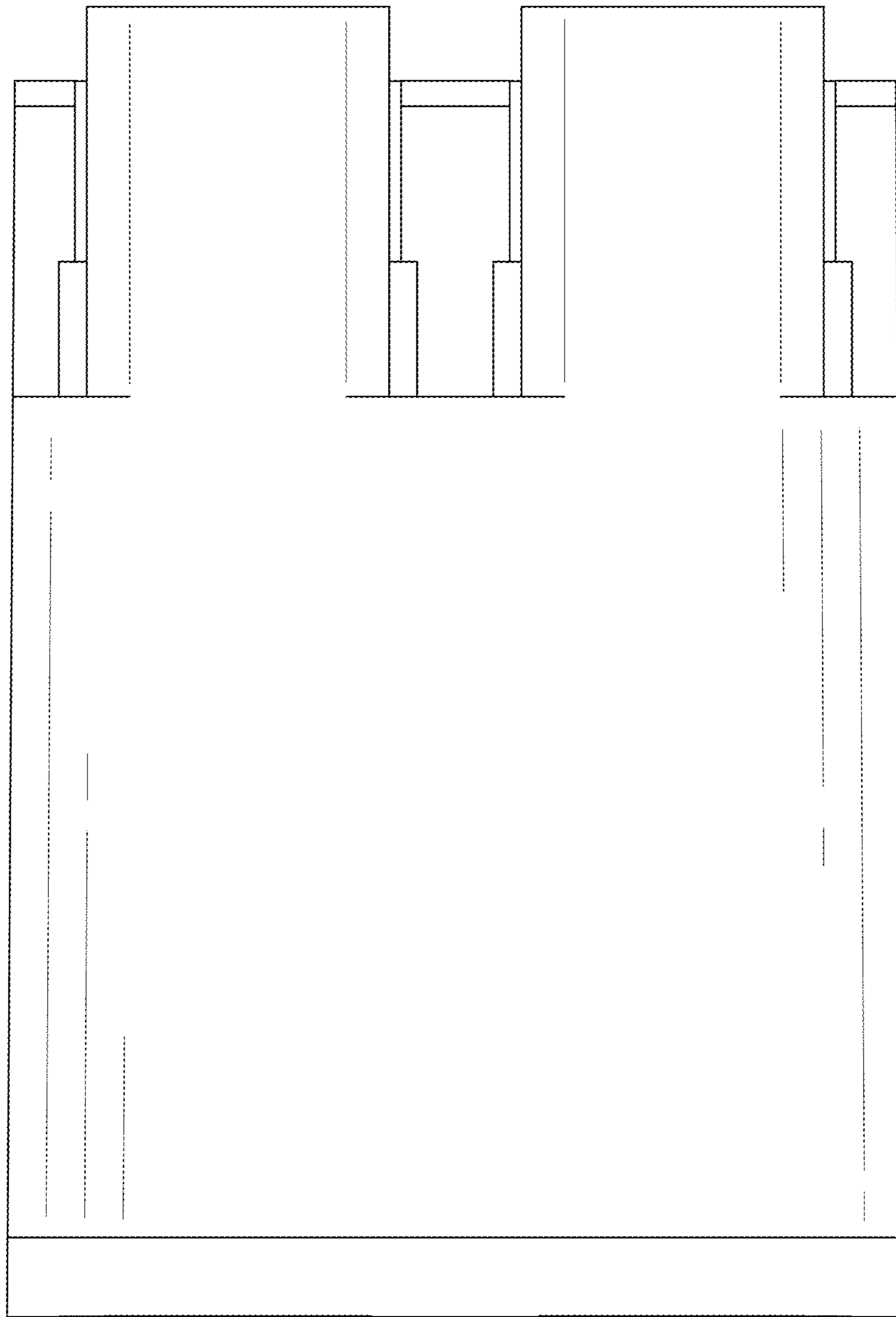


FIG. 4

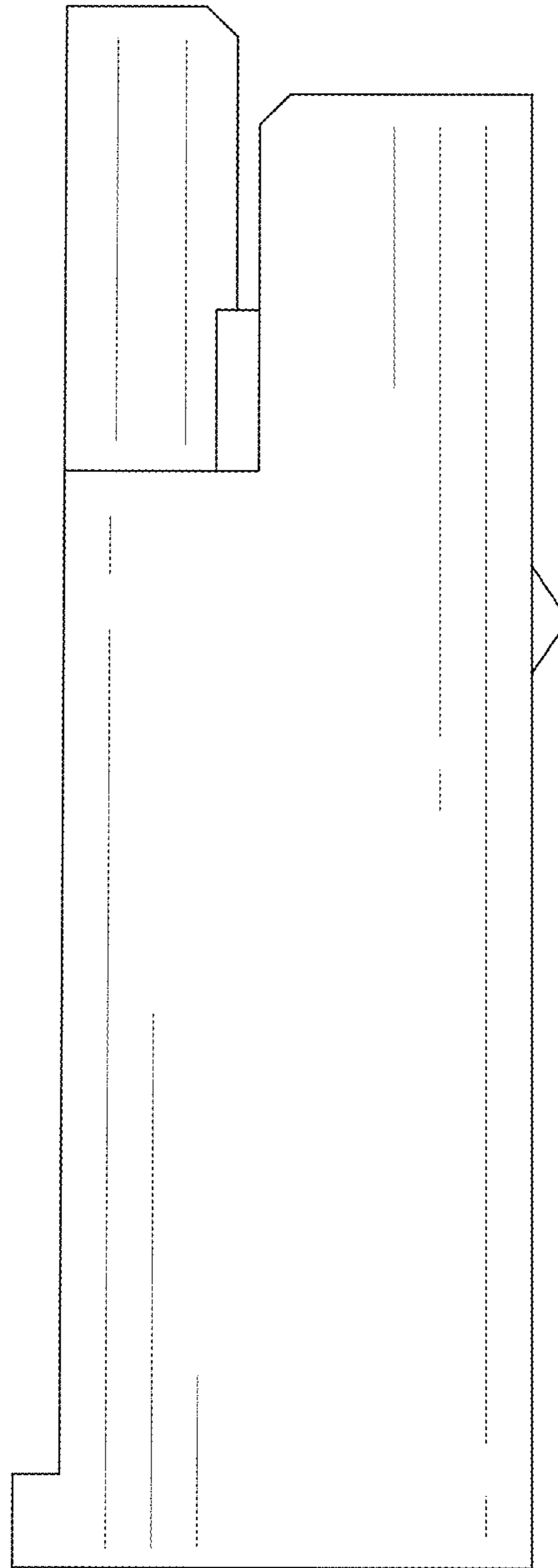


FIG. 5

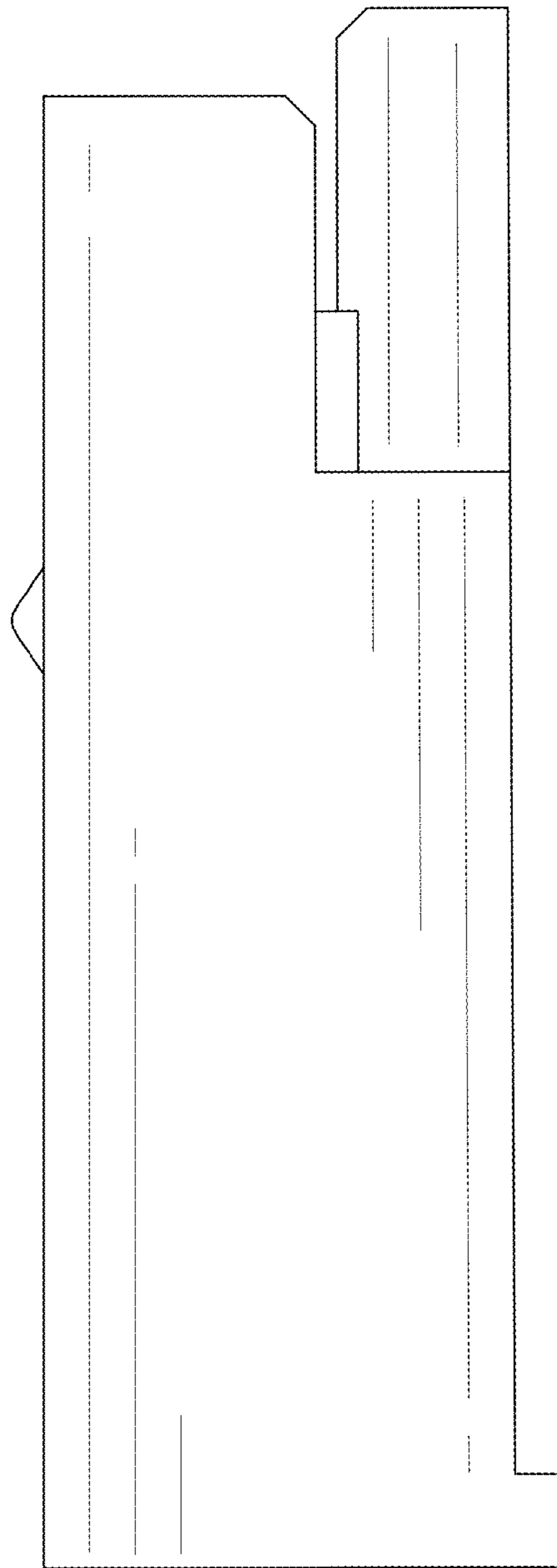


FIG. 6

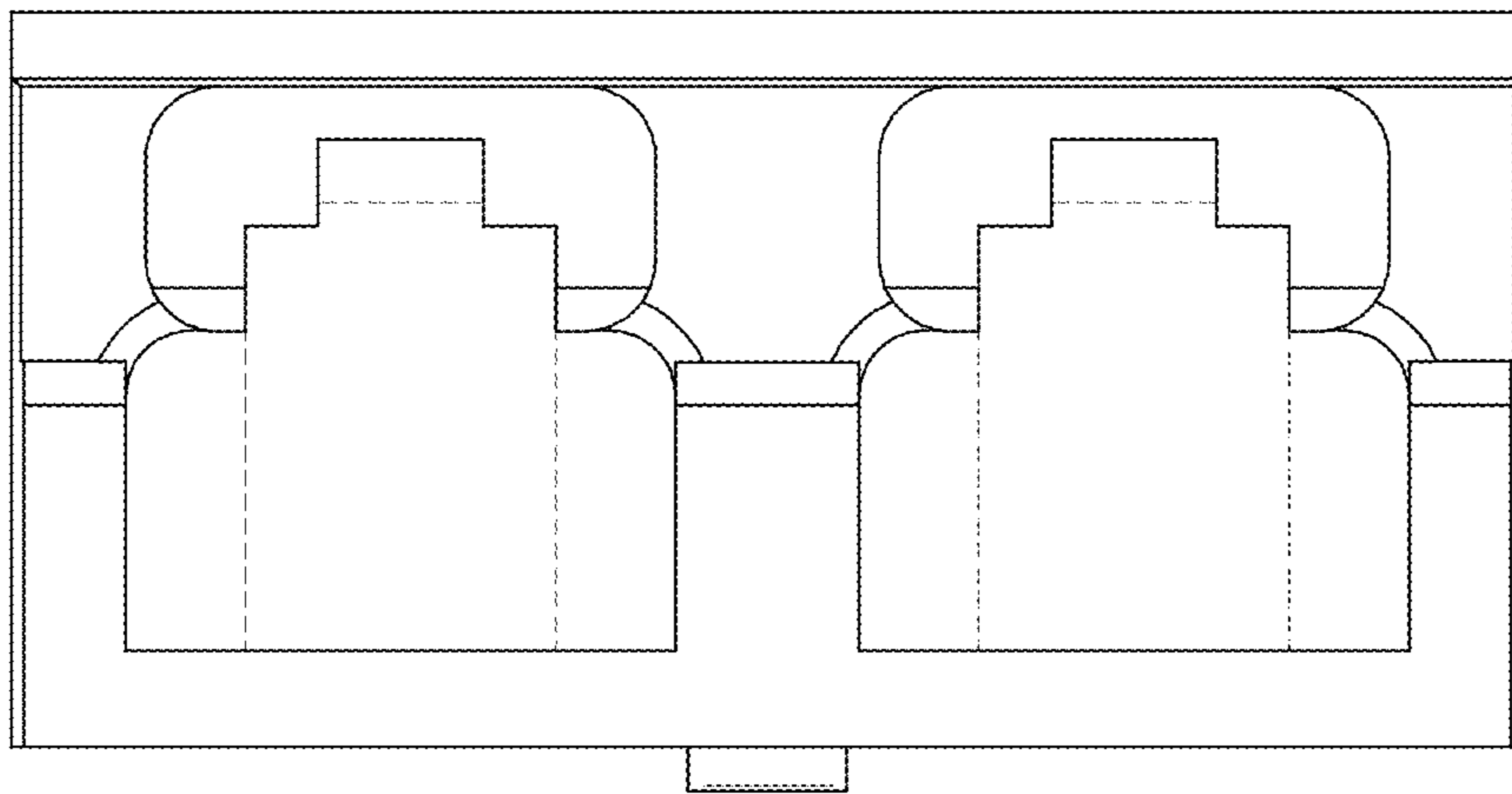


FIG. 7



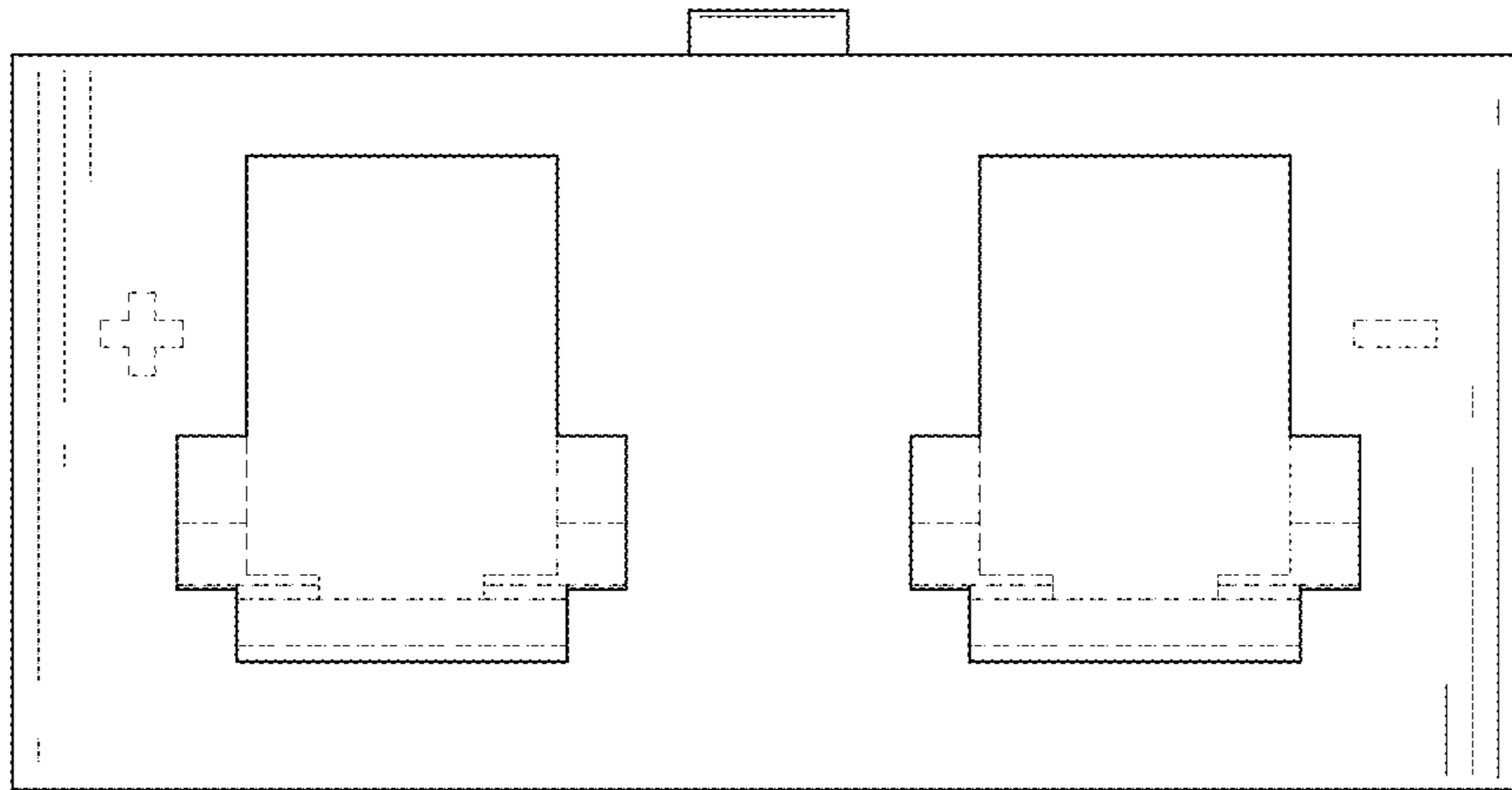


FIG. 8