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

(10) **Patent No.:** **US D847,099 S**

(45) **Date of Patent:** **\*\* Apr. 30, 2019**

(54) **MEASURING DEVICE FOR MONITORING THE STATE OF INDUSTRIAL MACHINE**

(56) **References Cited**

U.S. PATENT DOCUMENTS

(71) Applicant: **OMRON Corporation**, Kyoto-shi, Kyoto (JP)

D600,213 S *	9/2009	Inoue .....	D13/133
D792,351 S *	7/2017	Masaki .....	D13/159
D800,074 S *	10/2017	Masaki .....	D13/159

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\* cited by examiner

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

(57) **CLAIM**

(21) Appl. No.: **29/613,375**

The ornamental design for a measuring device for monitoring the state of industrial machine, as shown and described.

(22) Filed: **Aug. 9, 2017**

**DESCRIPTION**

(30) **Foreign Application Priority Data**

Feb. 14, 2017 (JP) ..... 2017-002791

(51) **LOC (11) Cl.** ..... **13-03**

(52) **U.S. Cl.**  
USPC ..... **D13/159**

(58) **Field of Classification Search**

USPC ..... D10/46, 75; D13/110, 123, 133, 147, D13/154, 158, 159, 160, 173, 184, 199  
CPC ... H01R 9/00; H01R 9/22; H01R 9/26; H01R 12/00; H01R 13/00; H01R 13/51; H01R 13/62; H01R 13/63; H01H 51/29; H01H 51/28; H01H 51/12; H01H 50/02; H01H 47/00; H01H 45/00; H01H 35/00

FIG. 1 is a front, top, and right side perspective view of a measuring device for monitoring the state of industrial machine showing our new design; FIG. 2 is a front view thereof; FIG. 3 is a rear view thereof; FIG. 4 is a left side view thereof; FIG. 5 is a right side view thereof; FIG. 6 is a top view thereof; and, FIG. 7 is a bottom view thereof.

The broken lines shown in the figures illustrate portions of the measuring device for monitoring the state of industrial machine that form no part of the claimed design.

See application file for complete search history.

**1 Claim, 5 Drawing Sheets**

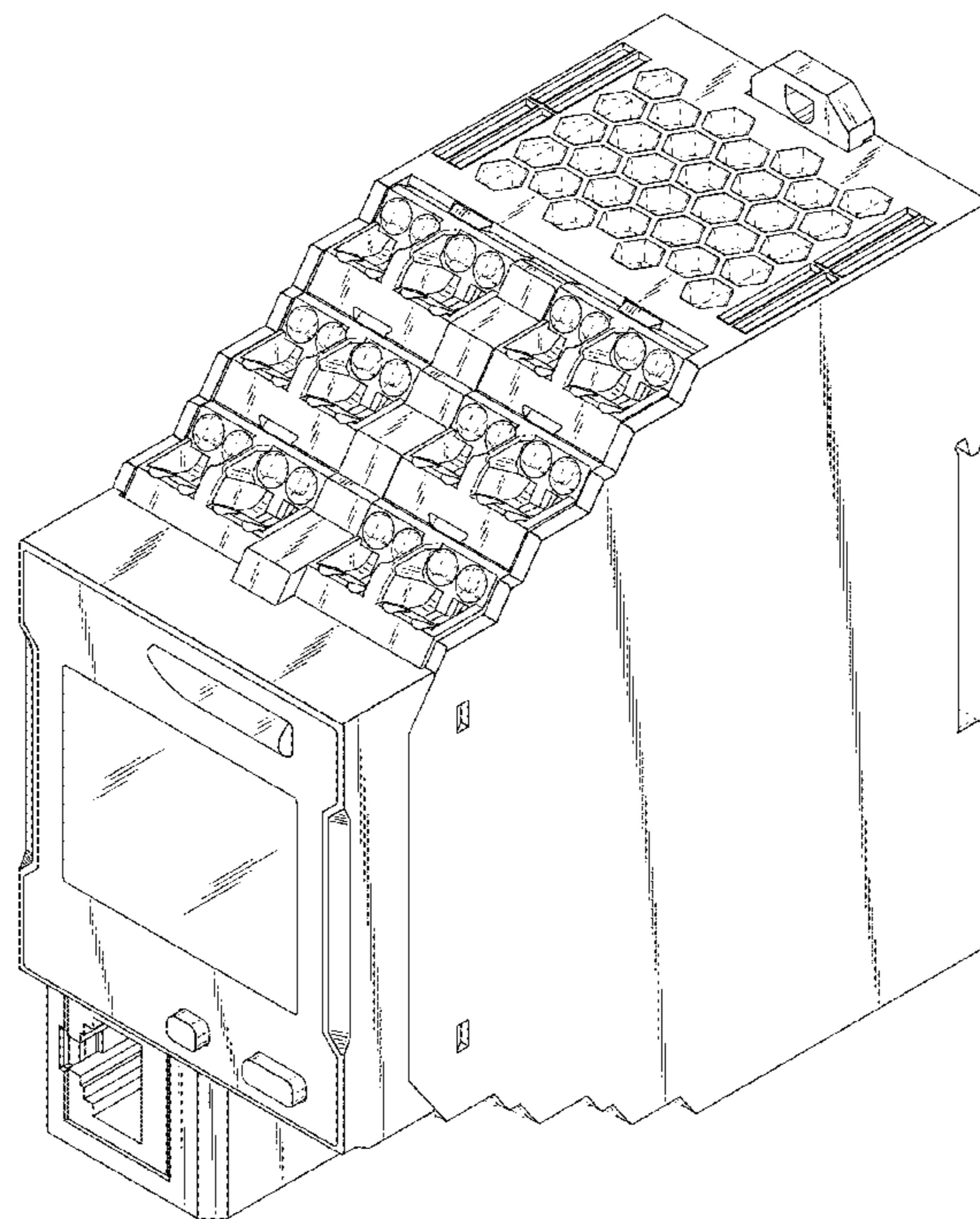


Fig. 1

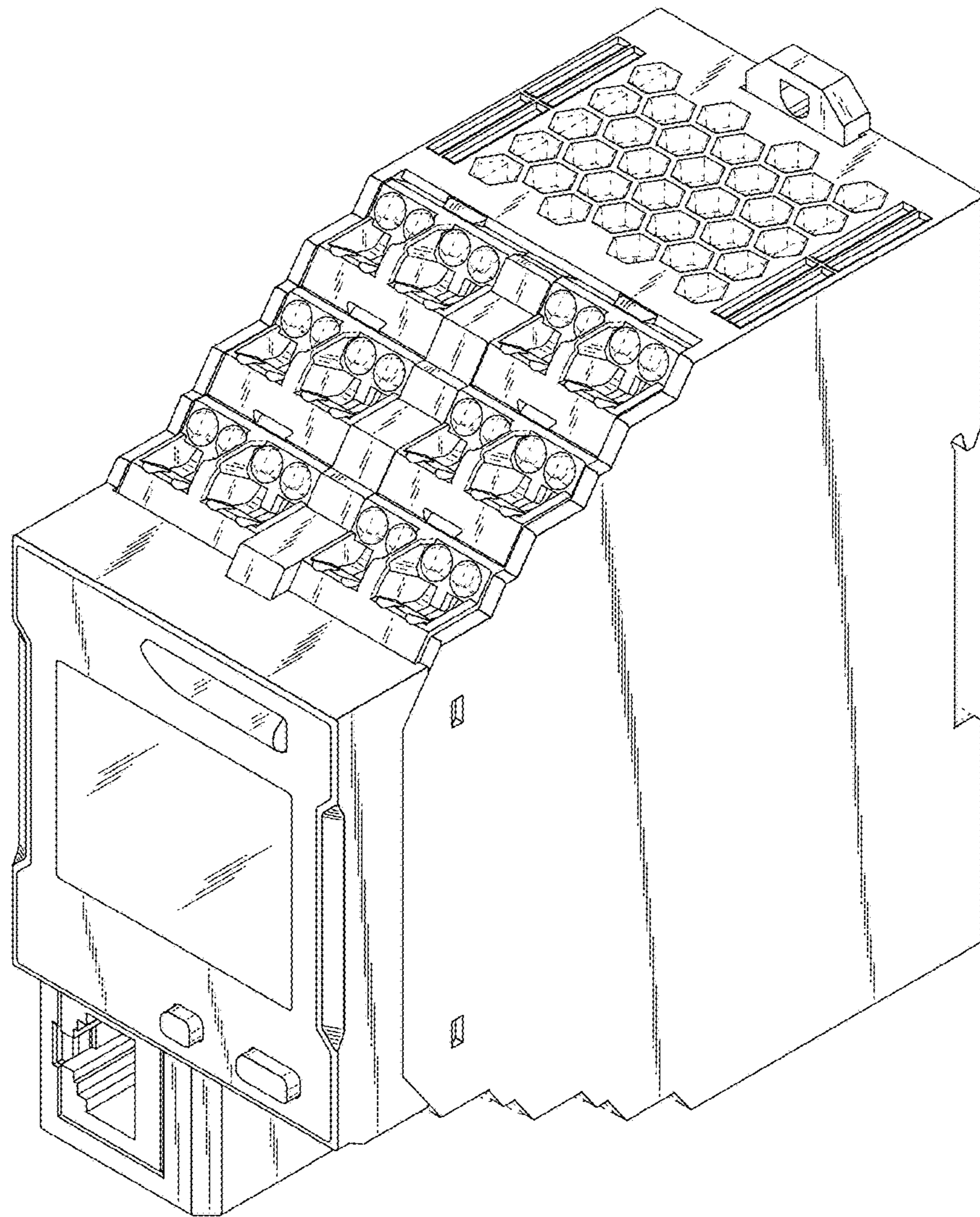


Fig. 2

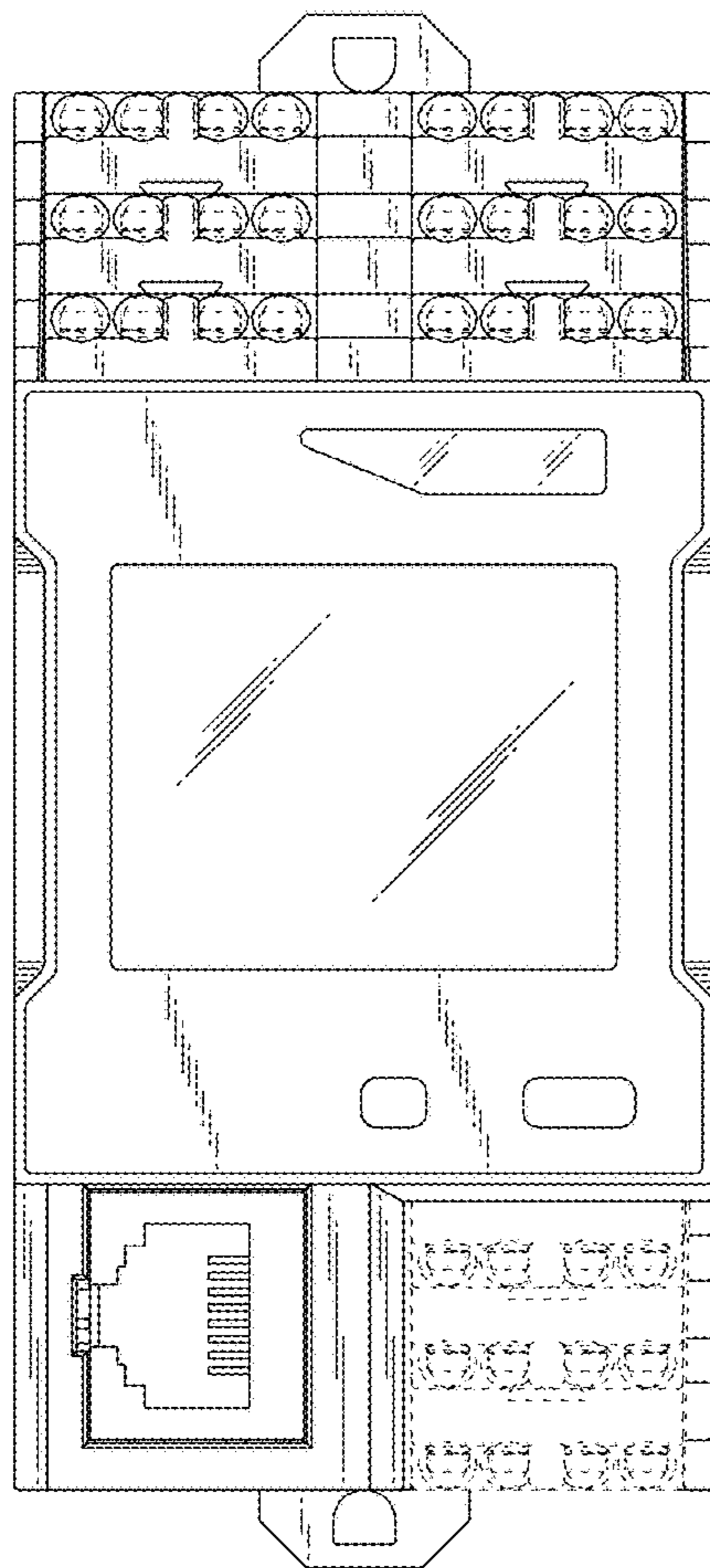


Fig. 3

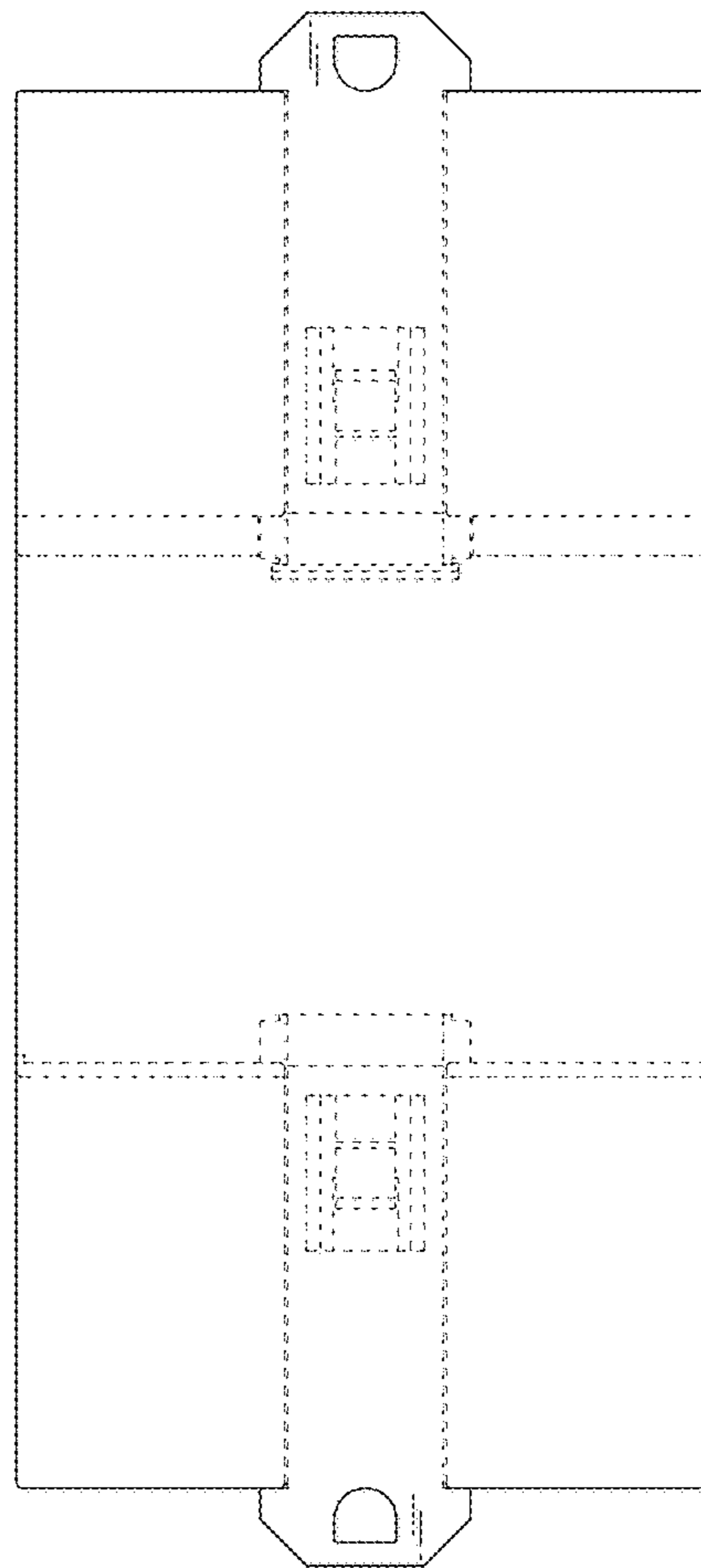


Fig. 4

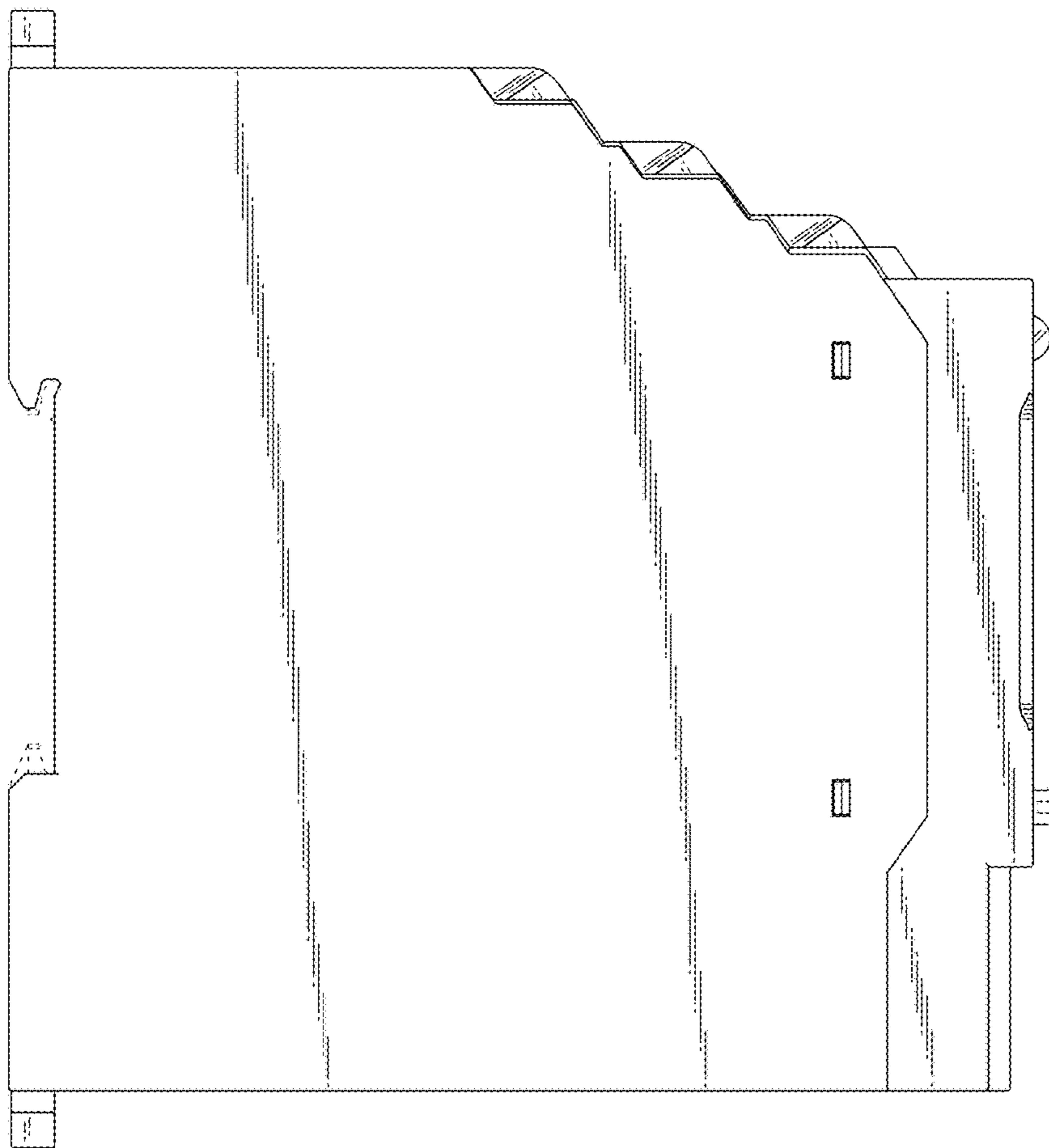


Fig. 5

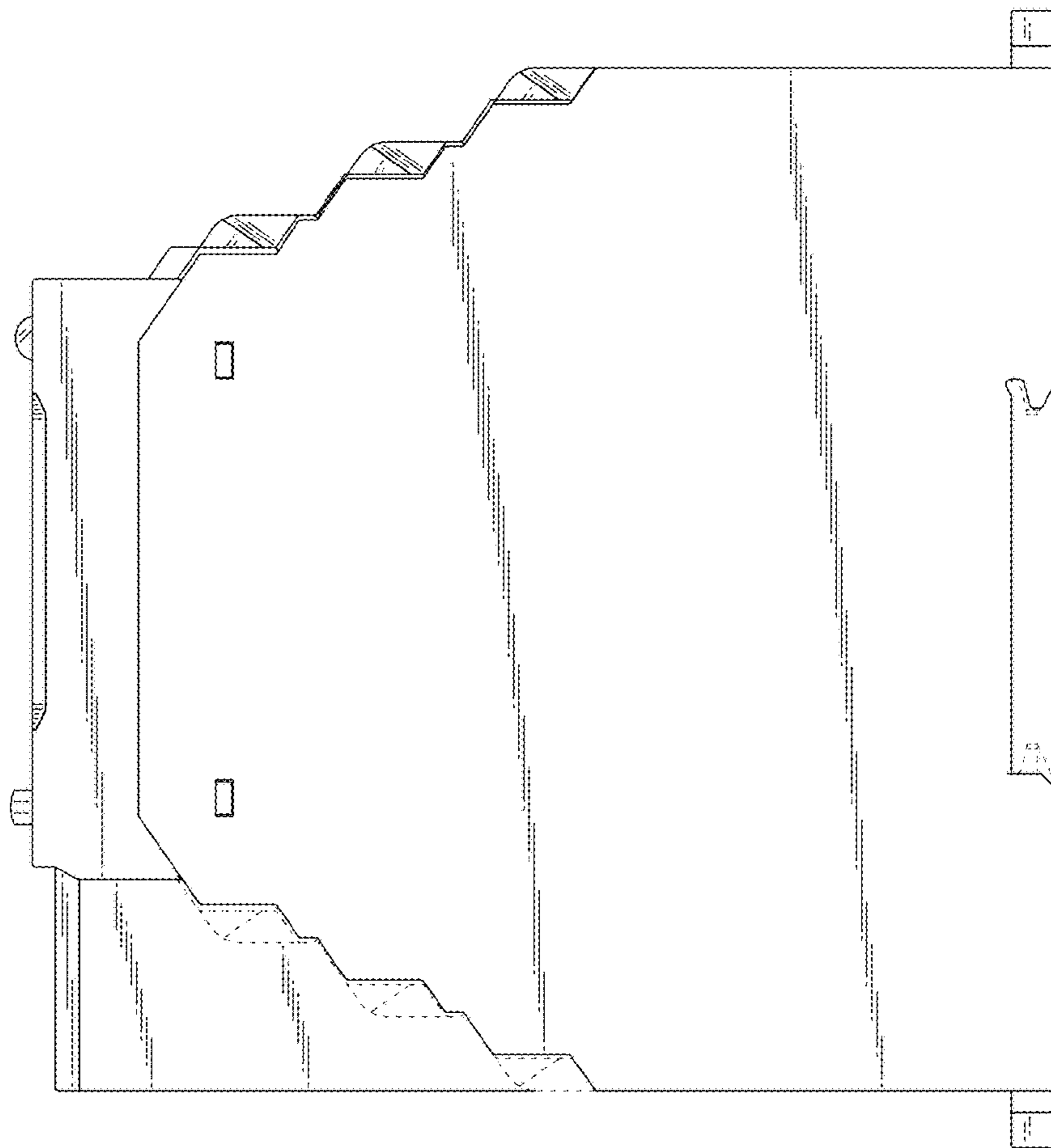


Fig. 6

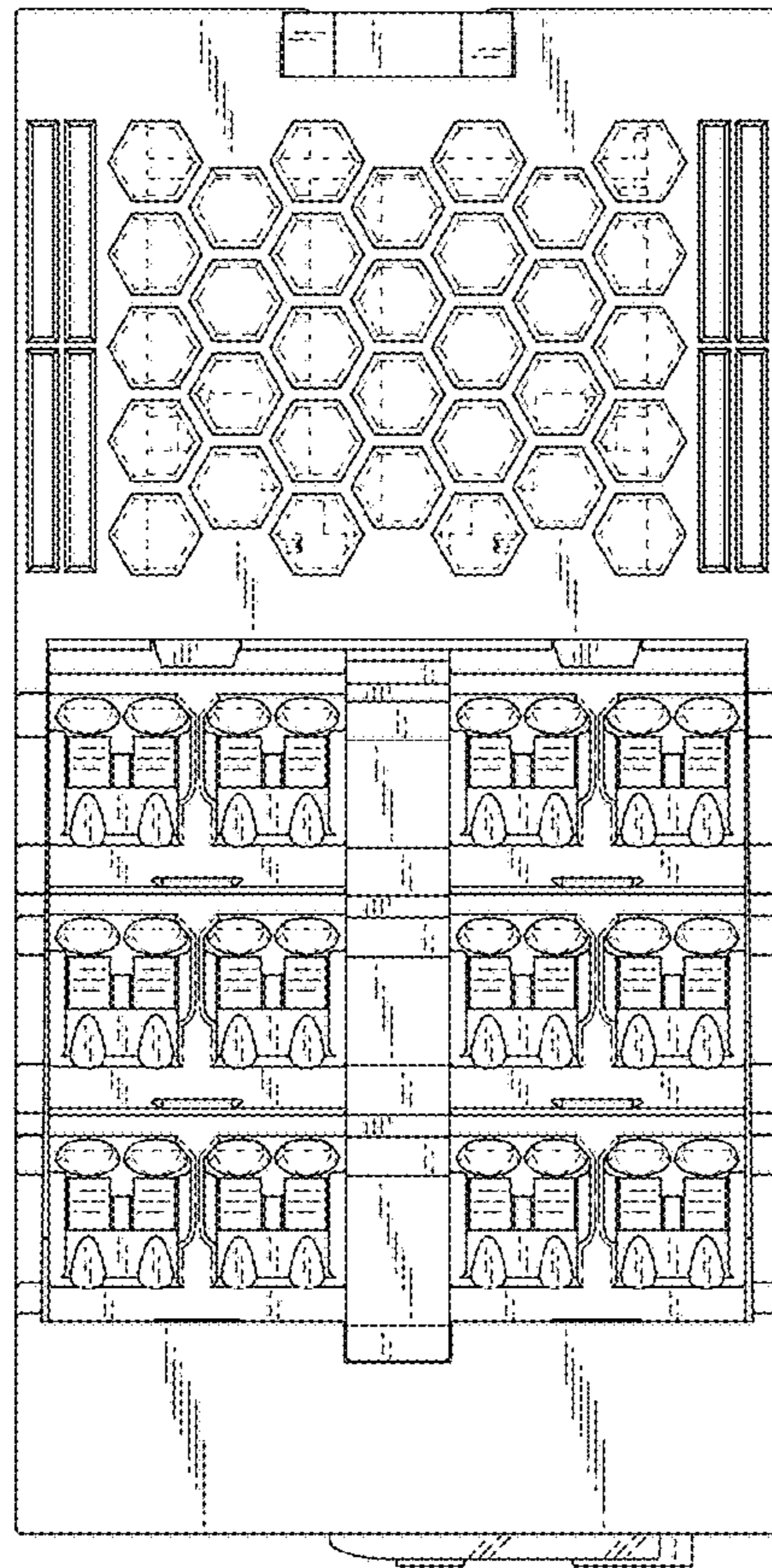


Fig. 7

