US00D458863S

(12) United States Design Patent

Harding et al.

(10) Patent No.: US D458,863 S
(45) Date of Patent: ** Jun. 18, 2002

(54) **COMPACT ELECTRIC METER**

(75) Inventors: **Stewart J. Harding**; **Markus F. Hirschbold**; **I. Ross Macfarlane**, all of Victoria; **Werner Reinhard Simbeck**, Mill Bay, all of (CA)

(73) Assignee: **Power Measurement, Ltd.**, Saanichton (CA)

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

(21) Appl. No.: **29/142,153**

(22) Filed: **May 18, 2001**

Related U.S. Application Data

(63) Continuation of application No. 09/791,419, filed on Feb. 23, 2001, which is a continuation of application No. 09/791, 421, filed on Feb. 23, 2001.

(51) **LOC (7) Cl.** **10-04**
(52) **U.S. Cl.** **D10/99**; D13/147
(58) **Field of Search** D10/99; D13/147; 324/110, 115, 116, 127, 129, 141, 142, 149, 157; 340/178, 310.01, 538, 870.03; 361/364–368, 372, 664; 702/57–61; 439/716

(56) **References Cited**

U.S. PATENT DOCUMENTS

4,900,275	A		2/1990	Fasano
D353,364	S		12/1994	Marach
D353,365	S		12/1994	Marach
D366,434	S	*	1/1996	Brown, III et al. D10/999
D376,328	S	*	12/1996	Munzer et al.

OTHER PUBLICATIONS

Brochure, 6200 ION Compact Modular Power & Energy Meter, Power Measurement, 1 2–sided page, Apr., 2001.
Brochure, Switchboard Integra 1000, Crompton Instruments, 4 pages (assumed published more than one year prior to filing date of this application for purposes of examination).

(List continued on next page.)

Primary Examiner—Antoine Duval Davis
(74) *Attorney, Agent, or Firm*—Brinks Hofer Gilson & Lione

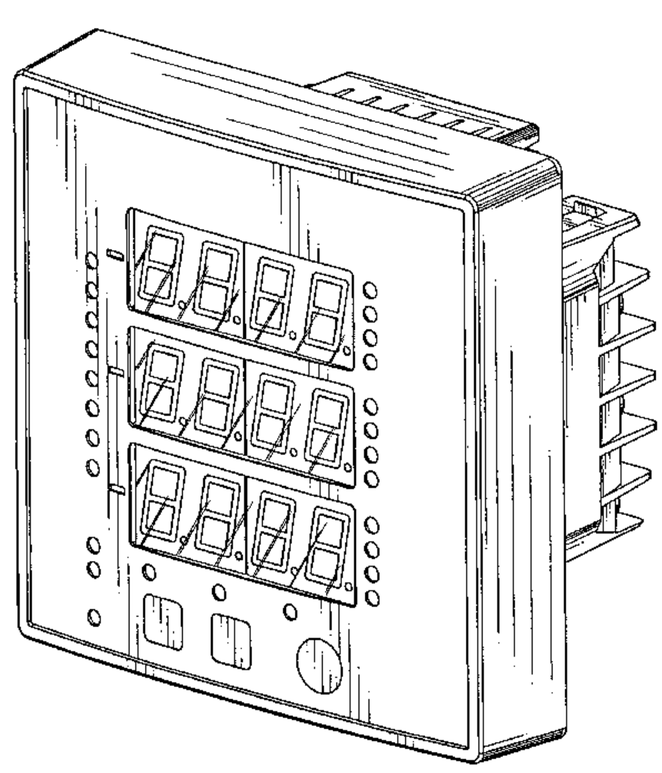
(57) **CLAIM**

The ornamental design for a compact electric meter, as shown and described.

DESCRIPTION

FIG. **1** is a front perspective view of our new, original and ornamental design for a compact electric meter, according to a first embodiment;
FIG. **2** is a left side view of the meter of FIG. **1**;
FIG. **3** is a back perspective view of the meter of FIG. **1**;
FIG. **4** is a right side view of the meter of FIG. **1**;
FIG. **5** is a front view of the meter of FIG. **1**;
FIG. **6** is a bottom view of the meter of FIG. **1**;
FIG. **7** is a back view of the meter of FIG. **1**;
FIG. **8** is a top view of the meter of FIG. **1**;
FIG. **9** is a front perspective view of our new, original and ornamental design for a compact electric meter, according to a second embodiment;
FIG. **10** is a left side view of the meter of FIG. **9**;
FIG. **11** is a back perspective view of the meter of FIG. **9**;
FIG. **12** is a right side view of the meter of FIG. **9**;
FIG. **13** is a top view of the meter of FIG. **9**;
FIG. **14** is a front view of the meter of FIG. **9**;
FIG. **15** is a back view of the meter of FIG. **9**;
FIG. **16** is a bottom view of the meter of FIG. **9**;
FIG. **17** is a back perspective view of our new, original and ornamental design for a compact electric meter, according to a third embodiment;
FIG. **18** is a top view of the meter of FIG. **17**;
FIG. **19** is a front view of the meter of FIG. **17**;
FIG. **20** is a back view of the meter of FIG. **17**;
FIG. **21** is a bottom view of the meter of FIG. **17**;
FIG. **22** is a left side view of the meter of FIG. **17**; and,
FIG. **23** is a right side view of the meter of FIG. **17**.
The broken lines in the Figures are for illustrative purpses only and form no part of the claimed design.

1 Claim, 12 Drawing Sheets



OTHER PUBLICATIONS

Brochure, UPM341—Universal Power Meter, algodue® Elettronica, 2 pages (assumed published more than one year prior to filing date of this application for purposes of examination).

Brochure, Universal Measuring Device UMG 96, Janitza Electronic, 2 pages, Mar. 2001.

Brochure, Maximum Power Monitor ISU 600 (M), Janitza Electronic, 2 pages, Mar. 2000.

Brochure, MultiComm™ Digital Power Meter, Bitronics, Inc., 5 pages (assumed published more than one year prior to filing date of this application for purposes of examination).

Brochure, Class 3020 POWERLOGIC® Power Meter, Square D, Groupe Schneider, 4 pages, Oct. 1998.

Brochure, PM171 Series Powermeter, 1 page (assumed published more than one year prior to filing date of this application for purposes of examination).

Brochure, Multi–Function Power Meter, Model PM171E, 1 page (assumed published more than one year prior to filing date of this application for purposes of examination).

Brochure, PM130 Series TrueMeter™, SATEC Powerful Solutions, 1 page (assumed published more than one year prior to filing date of this application for purposes of examination).

Brochure, PM130 and PM130P TrueMeter™, 1 page (assumed published more than one year prior to filing date of this application for purposes of examination).

Brochure, PM130, PM130P and PM130E TrueMeter™, 1 page (assumed published more than one year prior to filing date of this application for purposes of examination).

Brochure, DIRIS, Ap, Socomec Ltd., "Welcome to the next generation" 1 page (assumed published more than one year prior to filing date of this application for purposes of examination).

Brochure, 3 Phase Digital Multi–Function Power Meter, Electro Industries/Gauge Tech, 6 pages (assumed published more than one year prior to filing date of this application for purposes of examination).

Brochure, Digital Metering System, Switchboard Integra 1000, Crompton Instruments, 1 page (assumed published more than one year prior to filing date of this application for purposes of examination).

Brochure, Digital Metering System, Quadratic Integra 1000, Crompton Instruments, 1 page (assumed published more than one year prior to filing date of this application for purposes of examination).

* cited by examiner

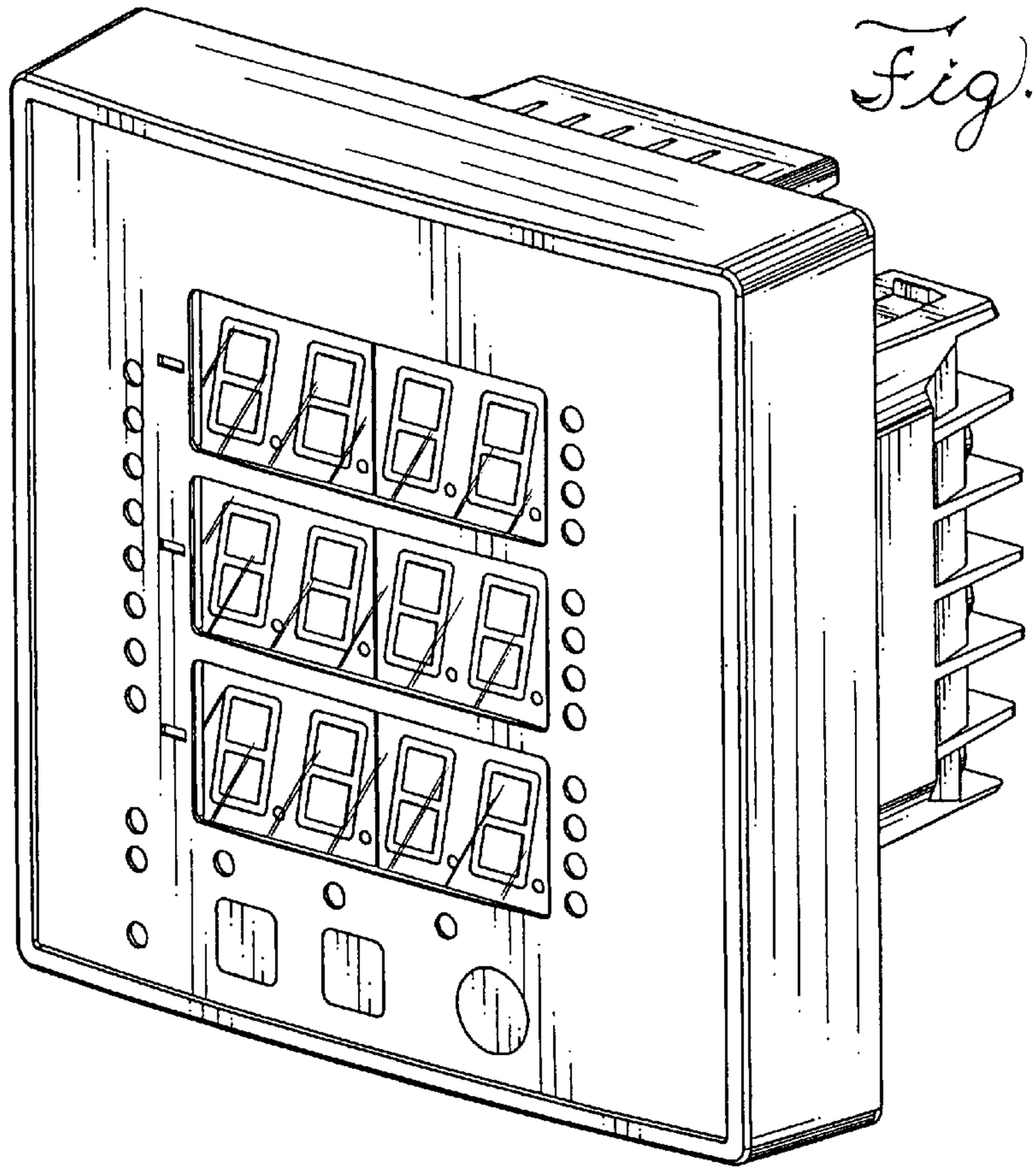
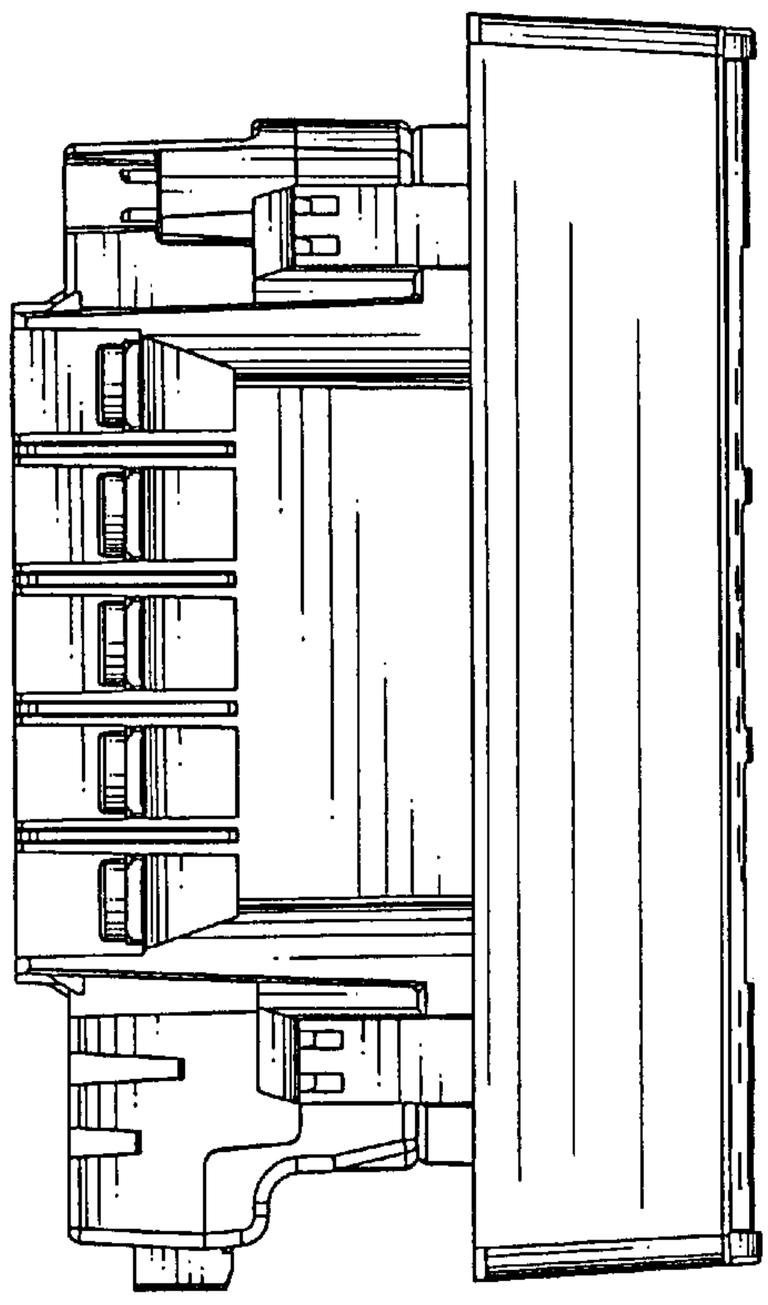


Fig. 1



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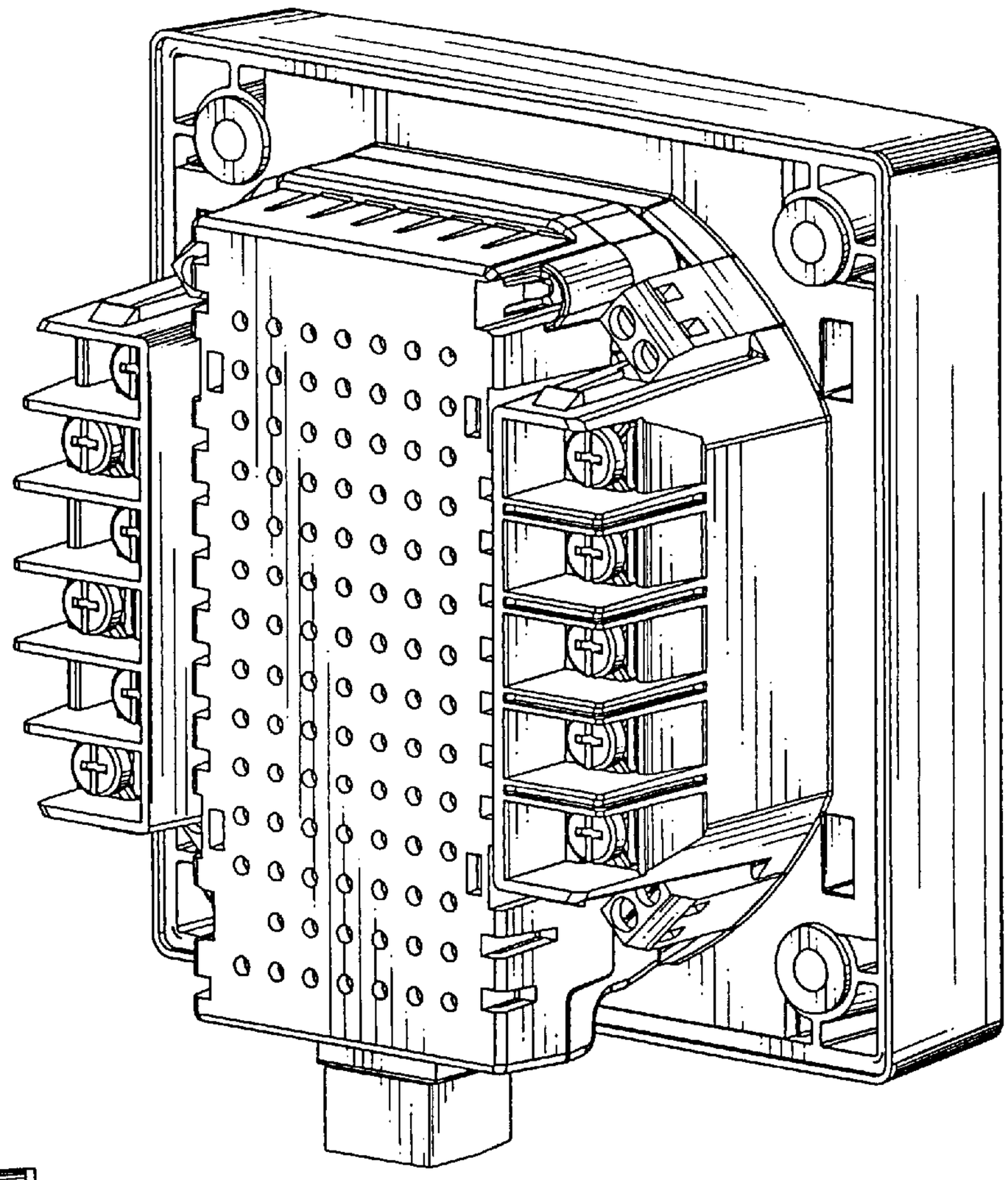

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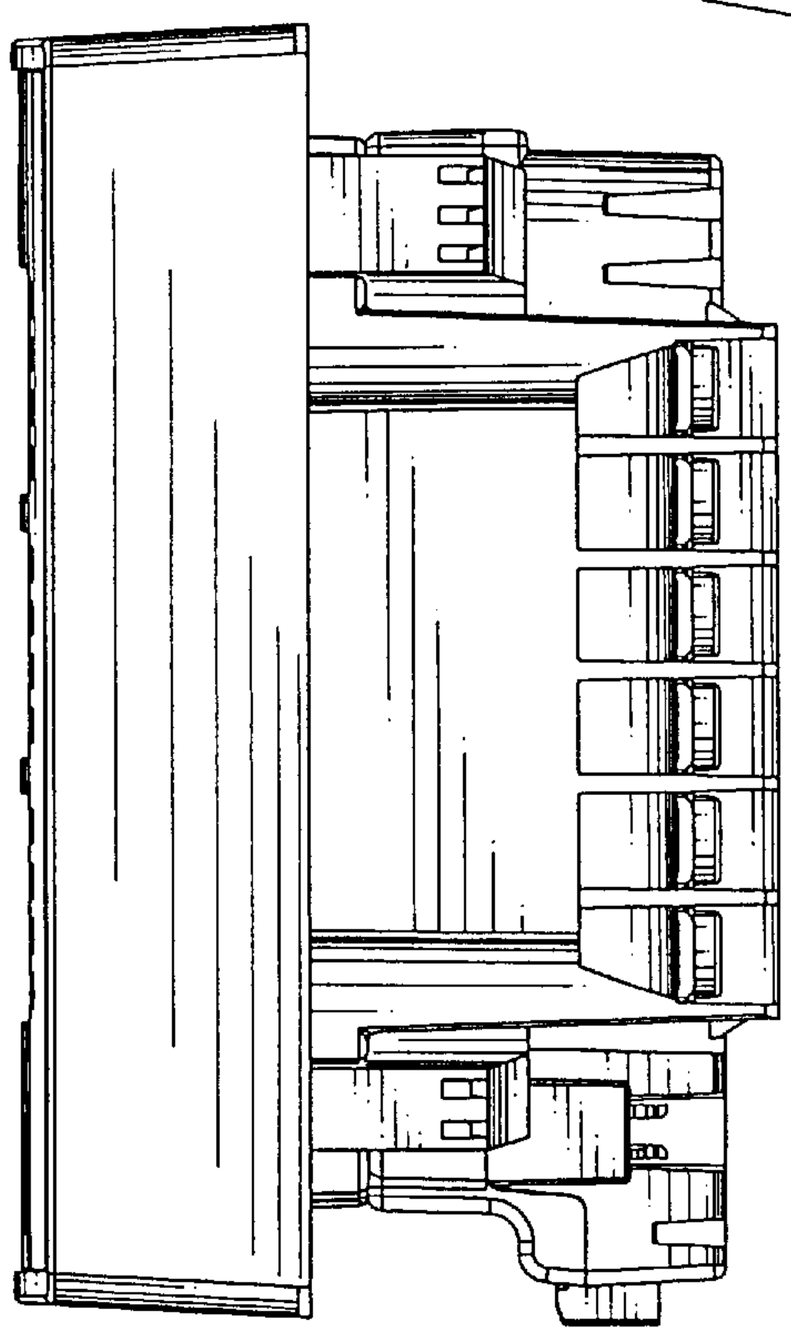

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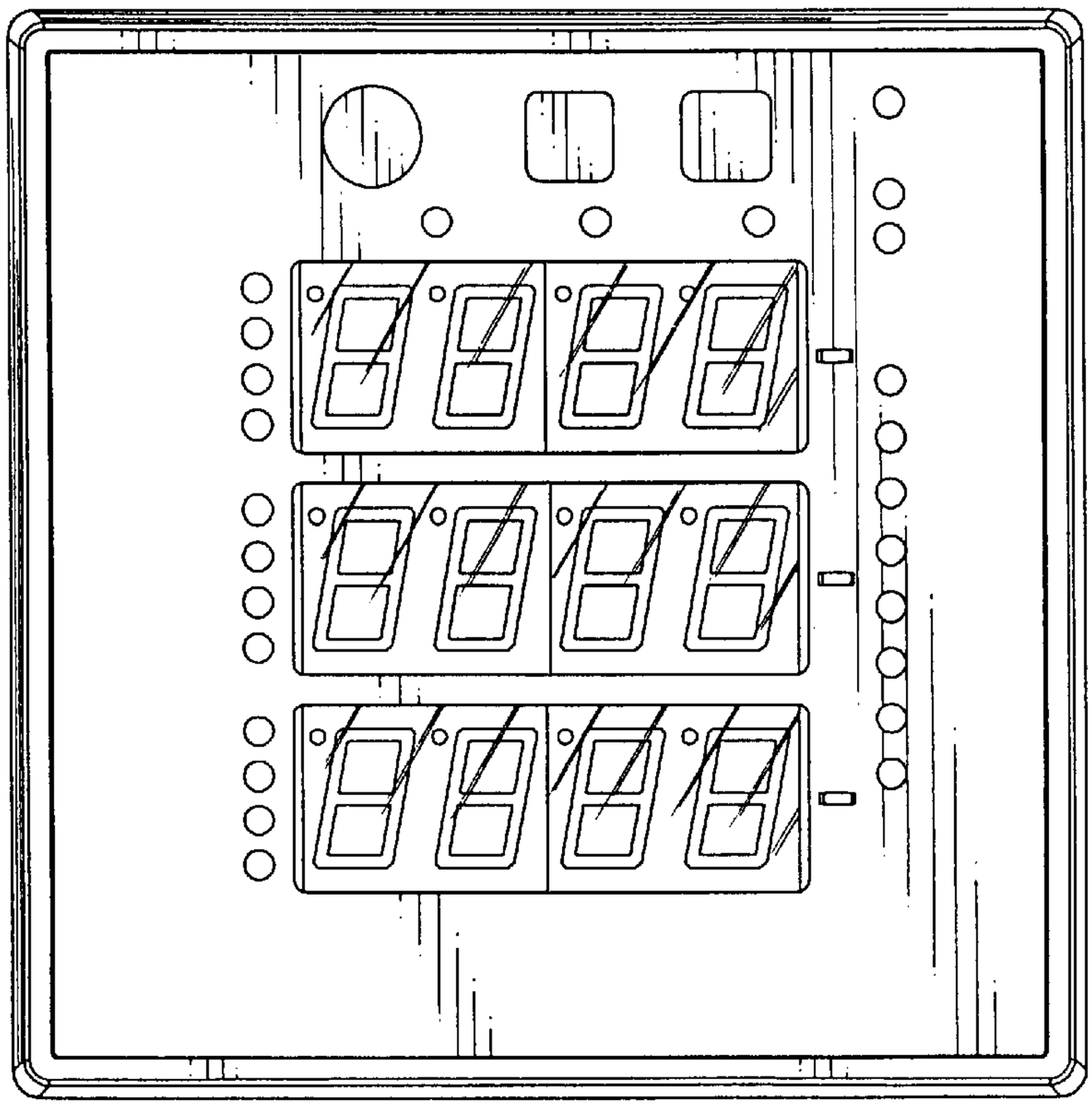

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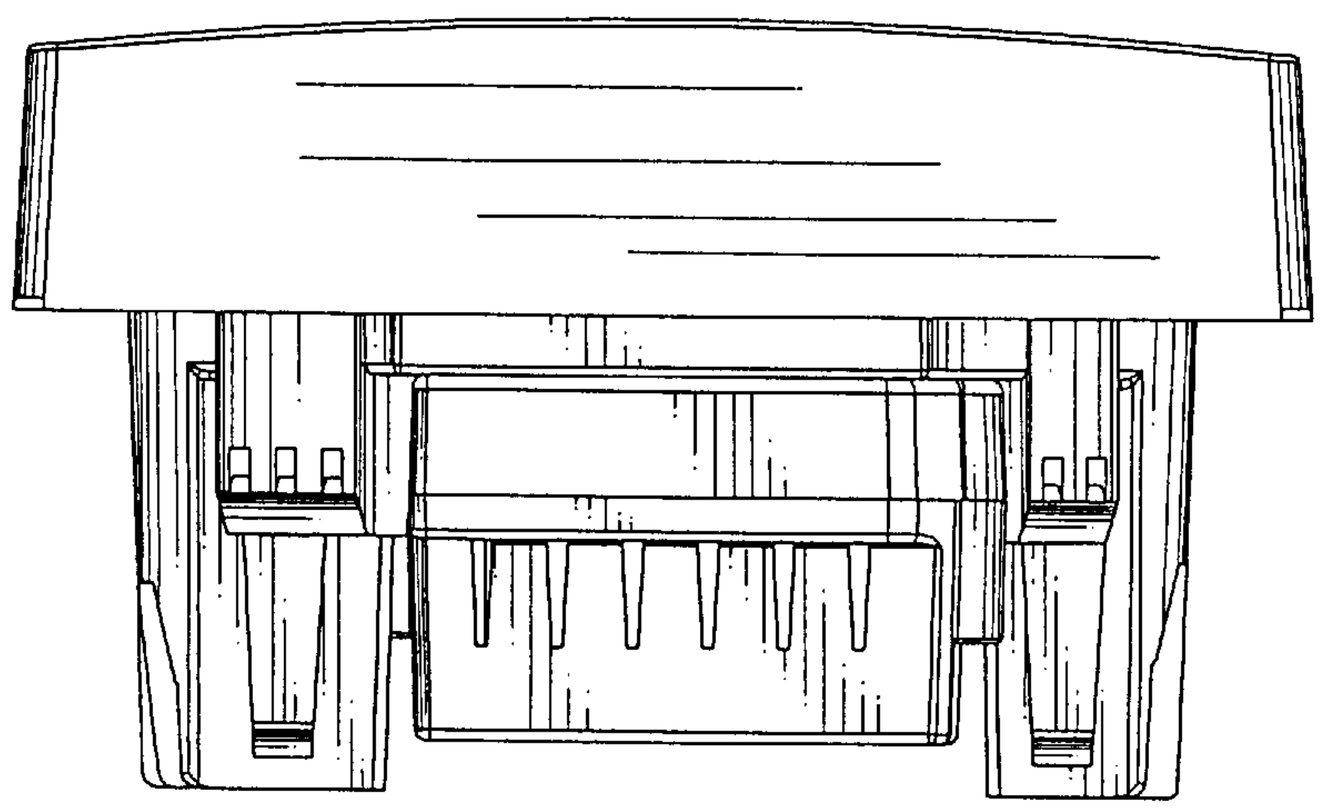
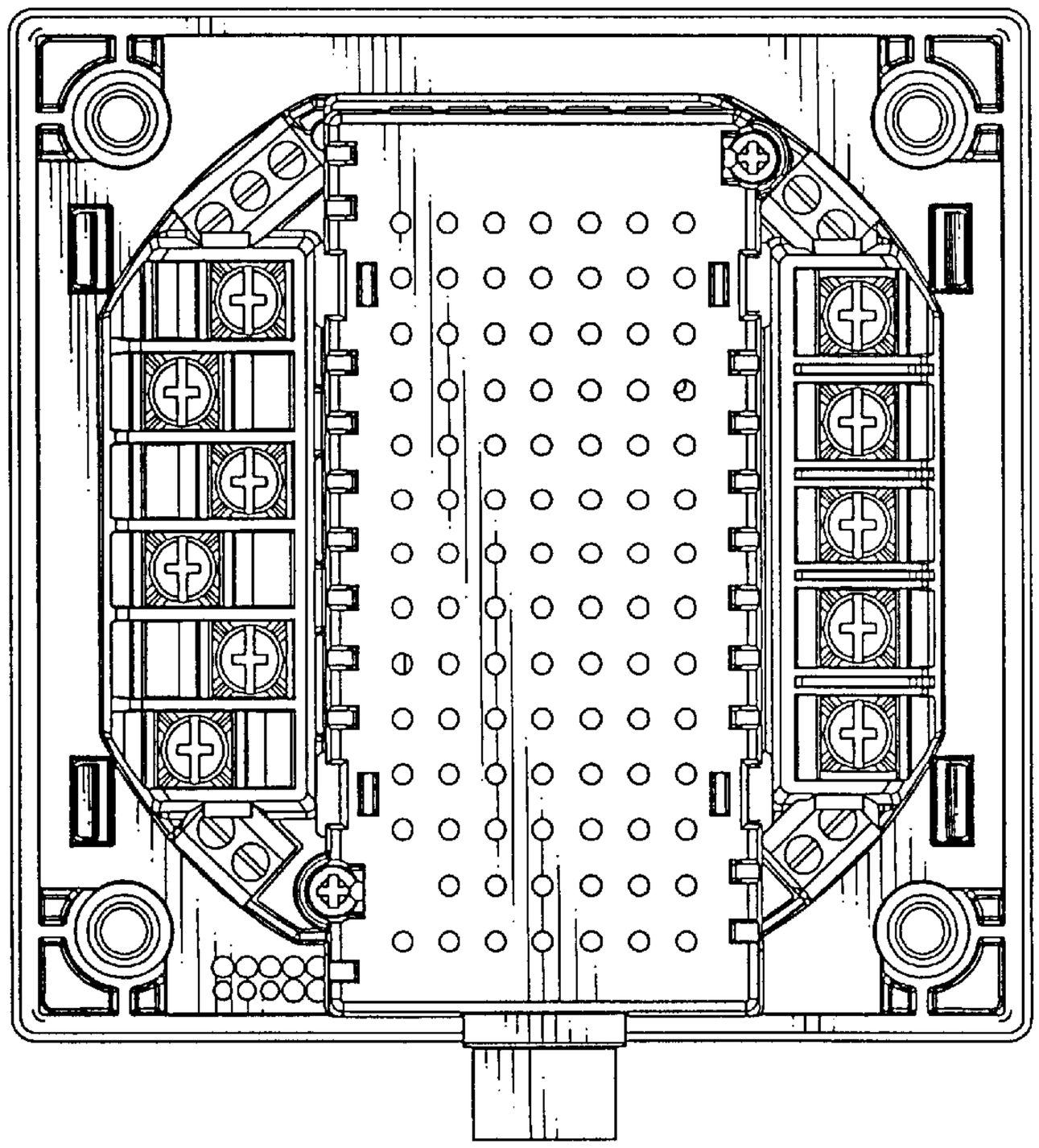
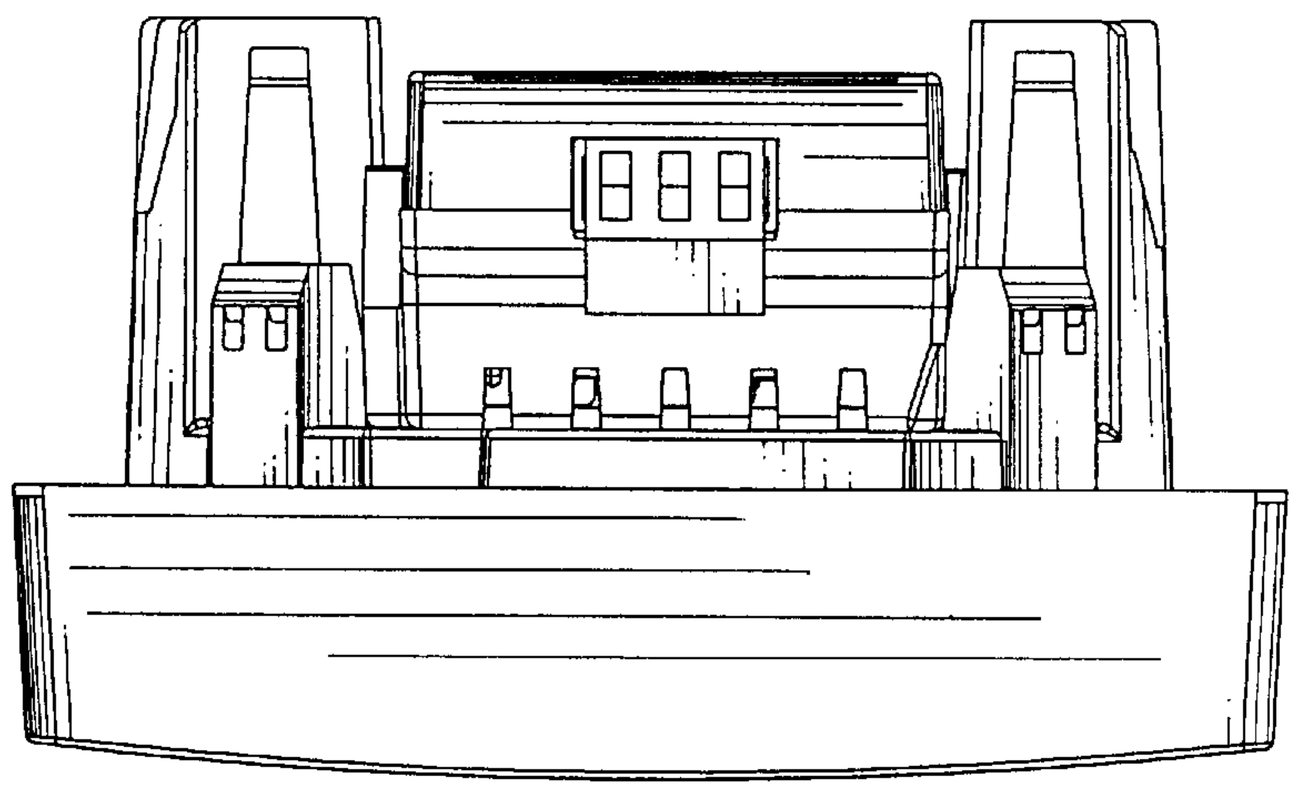


Fig. 6

Fig. 7





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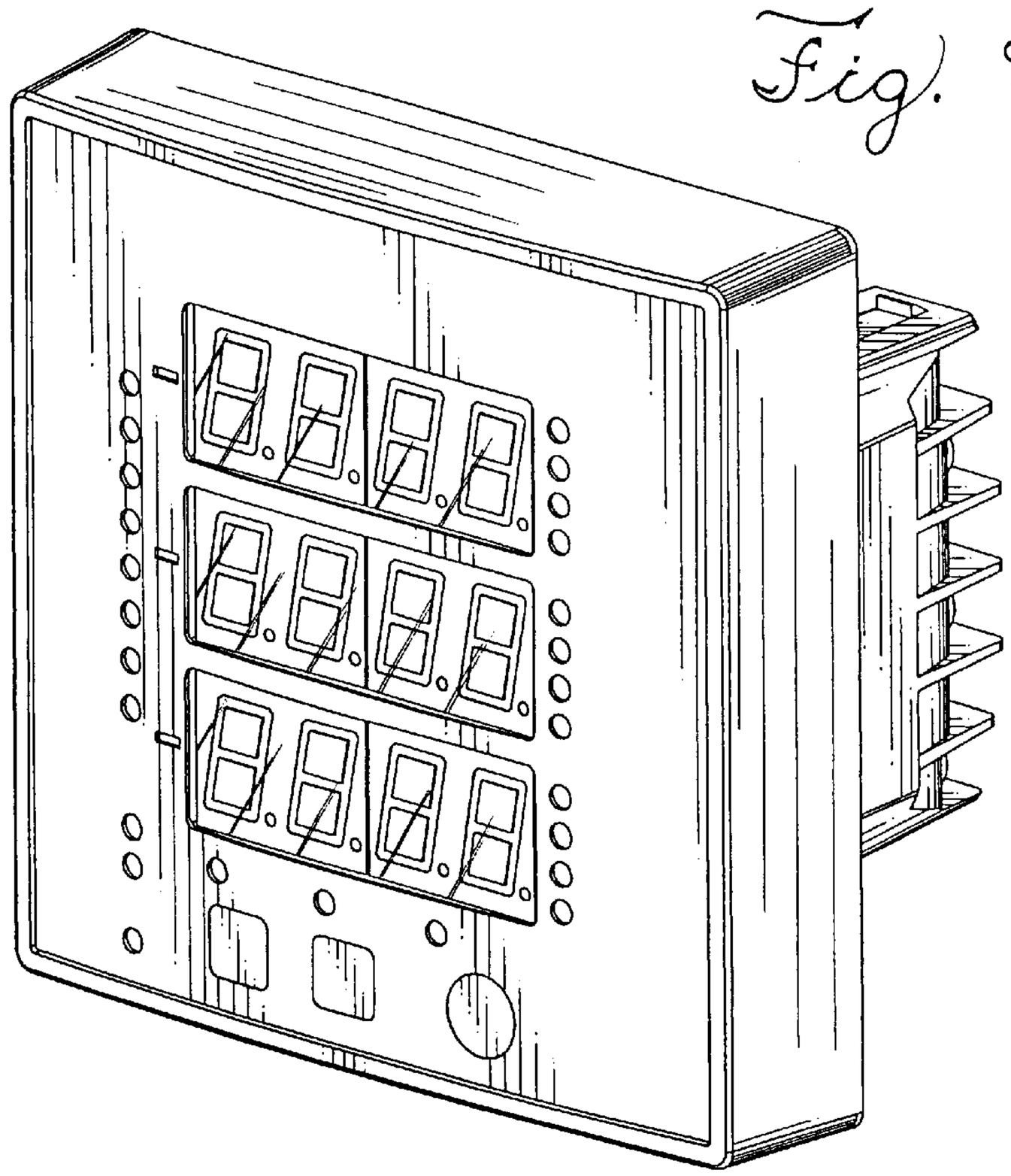

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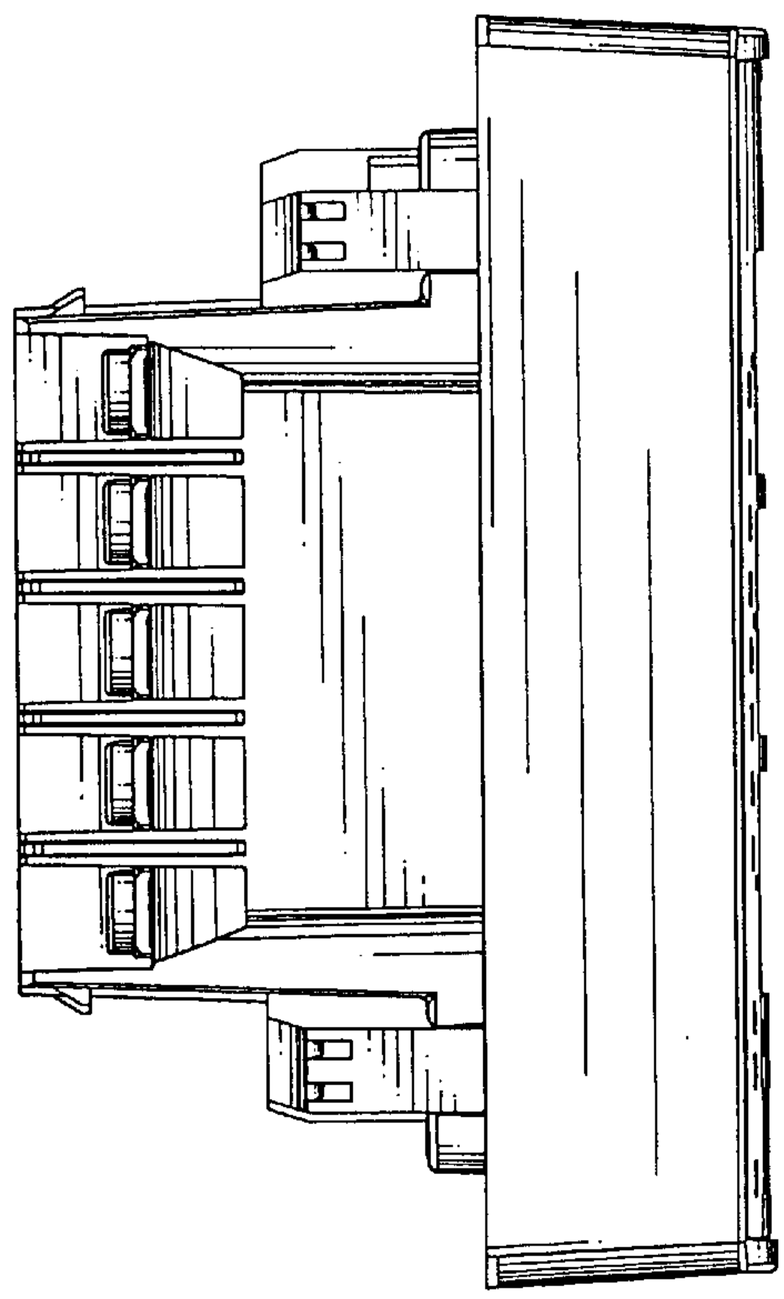

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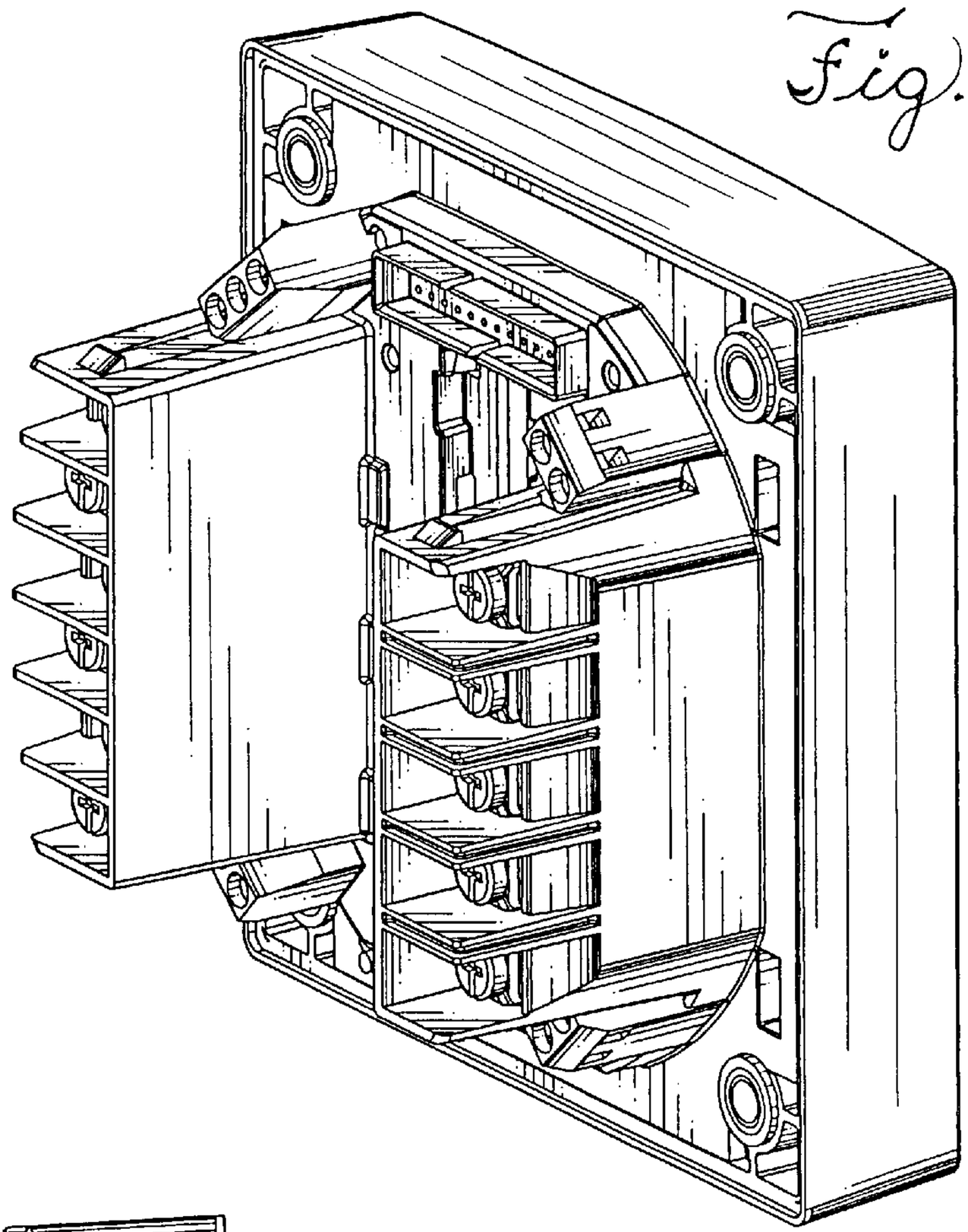

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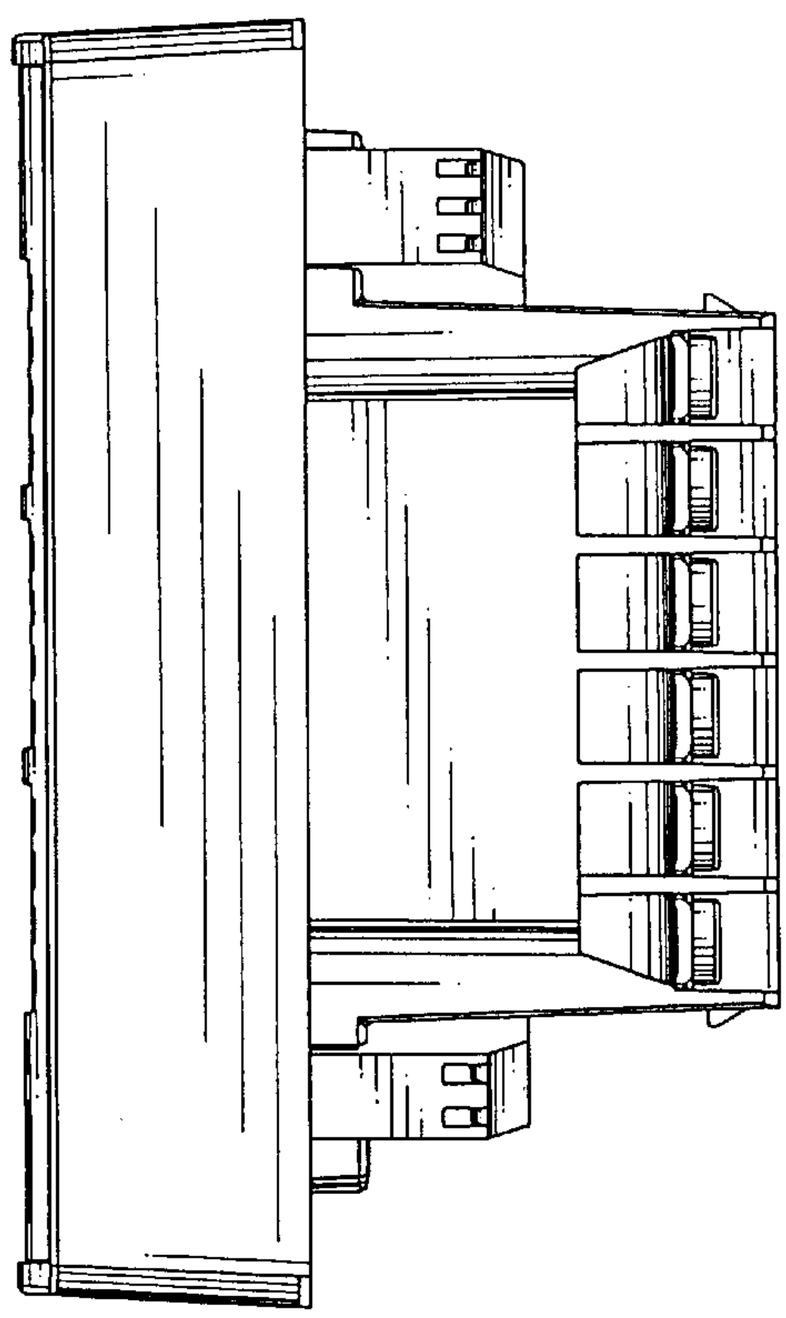

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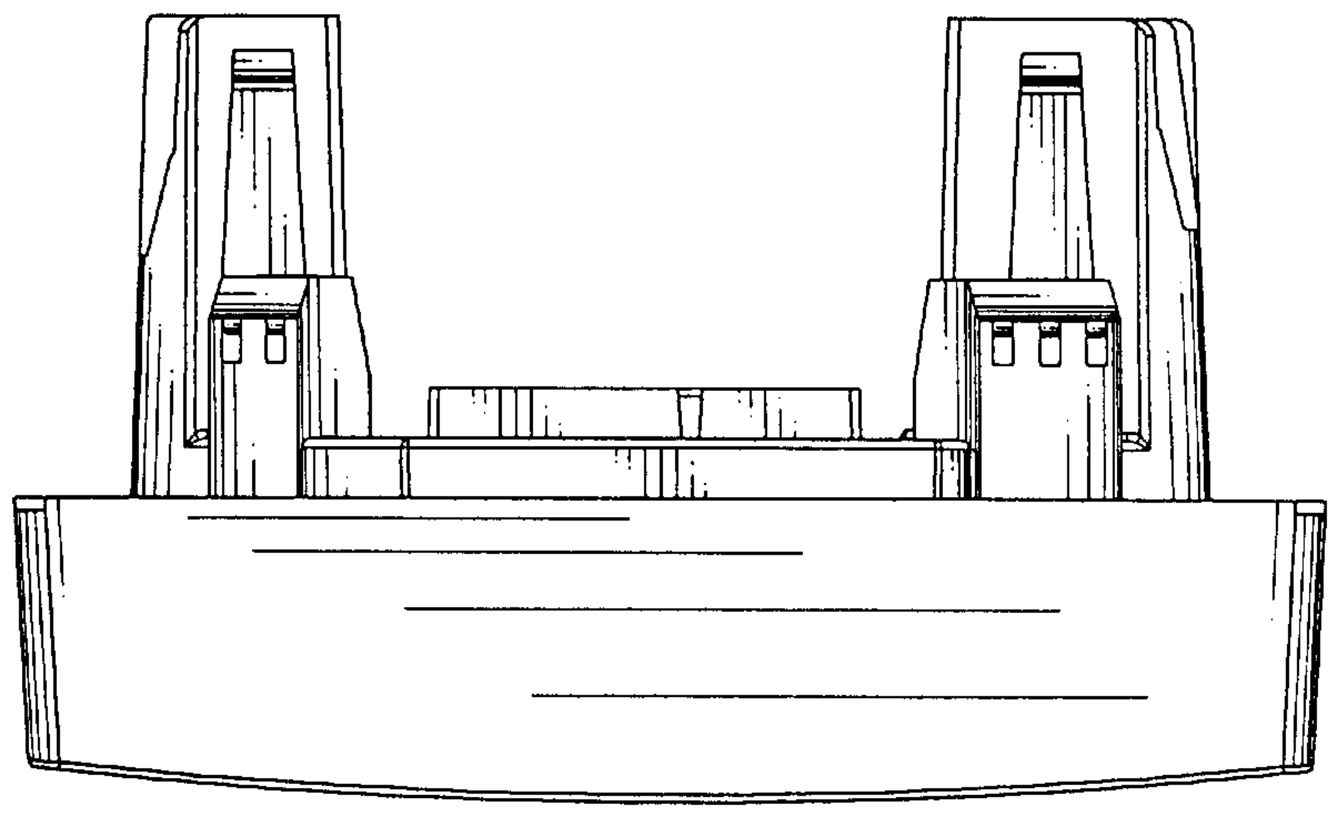

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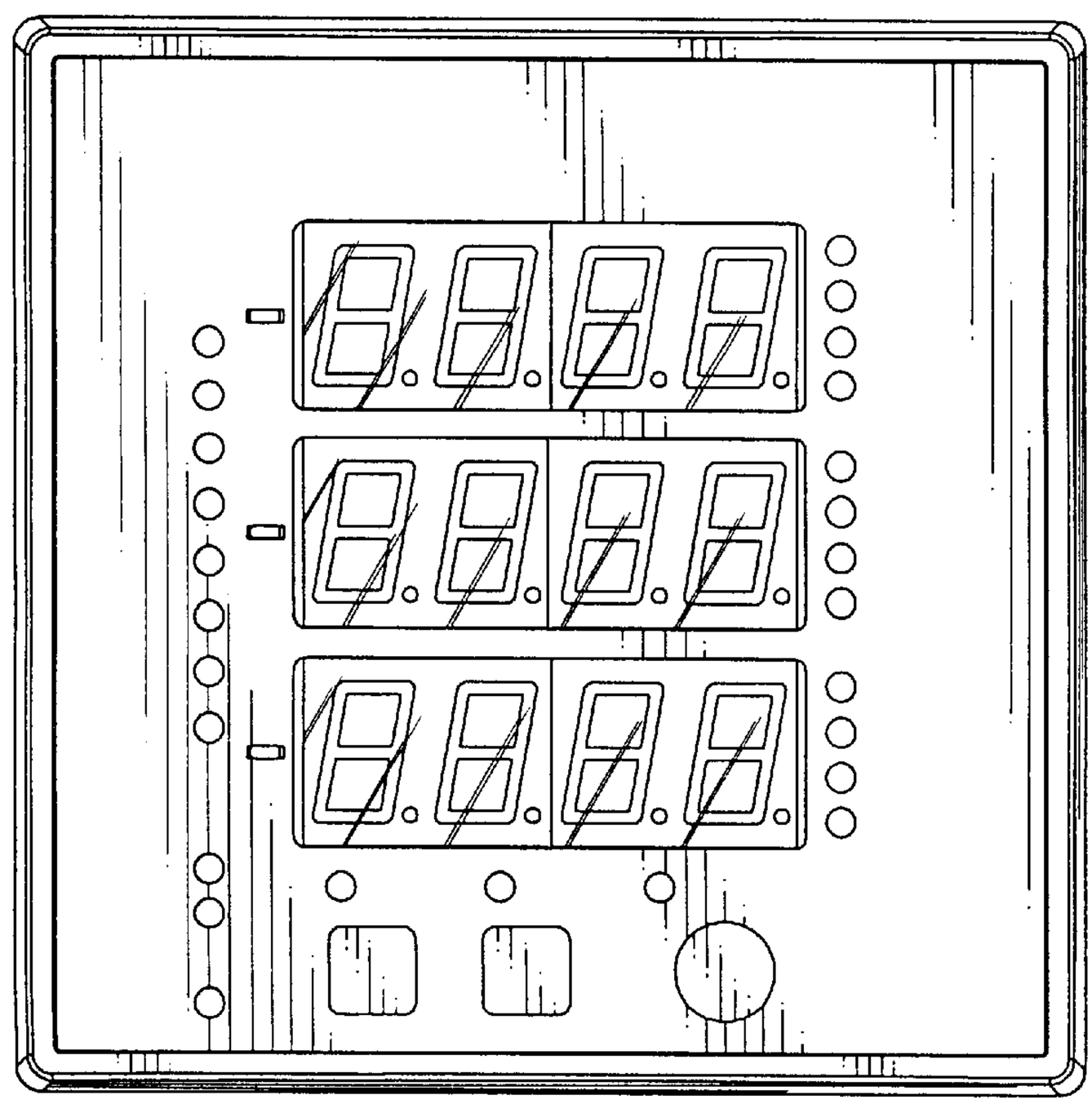
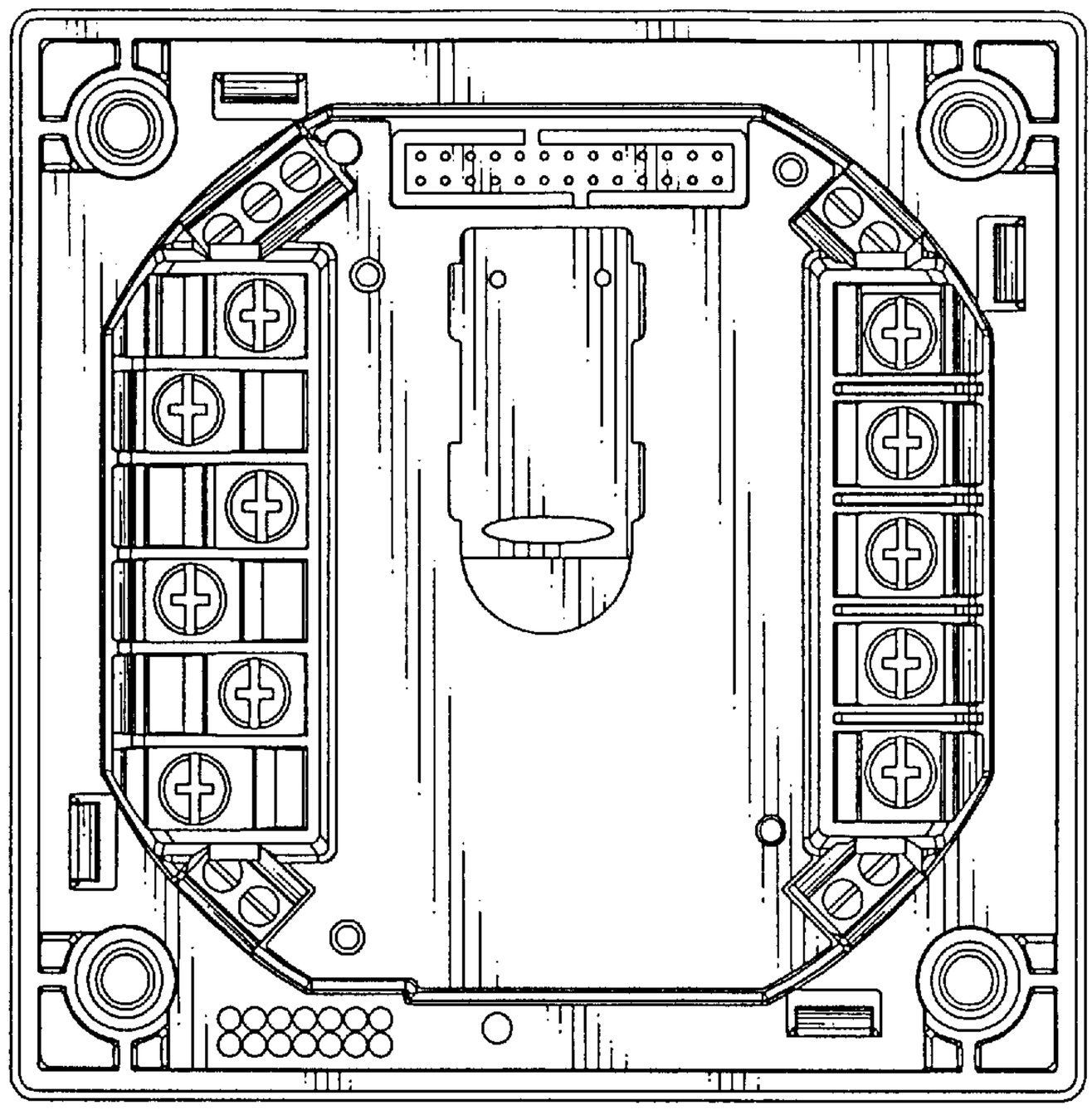


Fig. 14

Fig. 15



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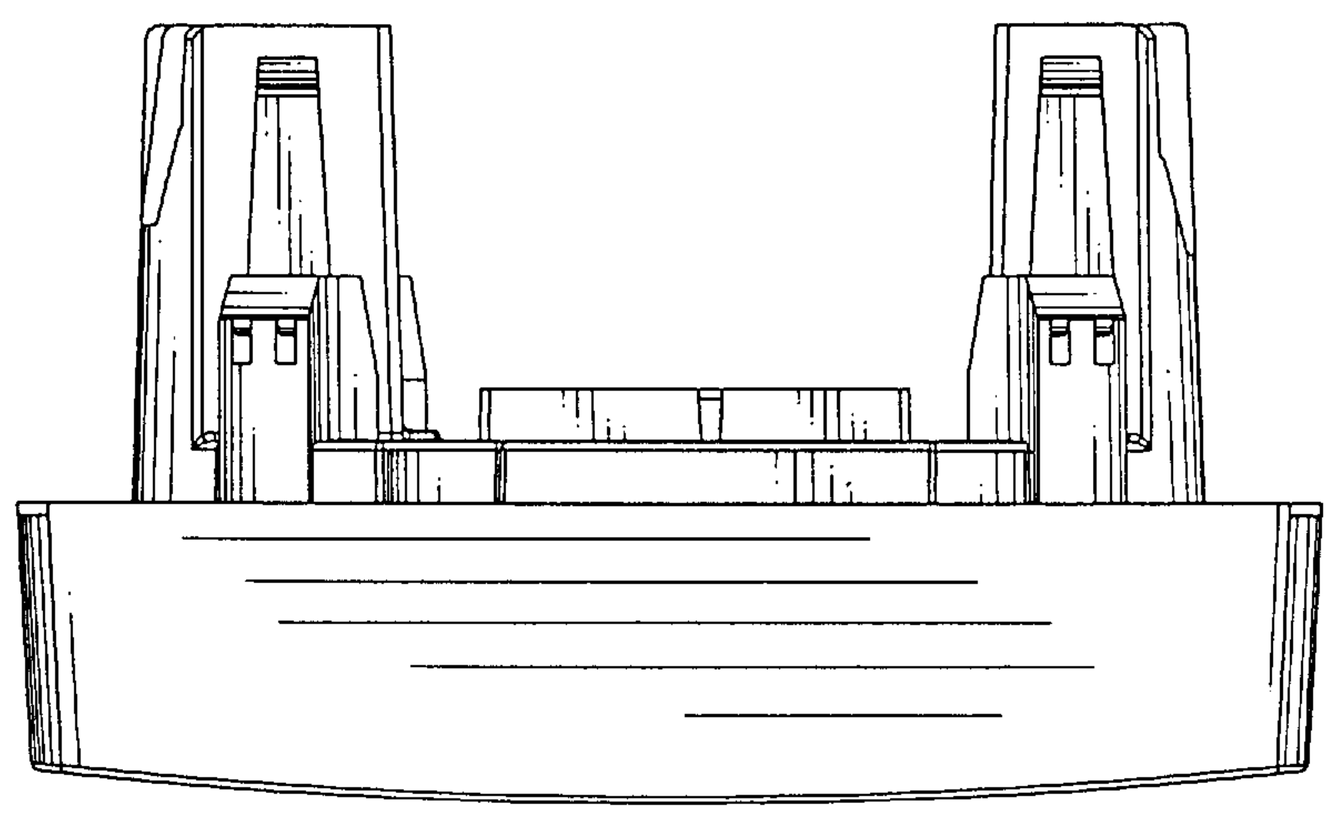

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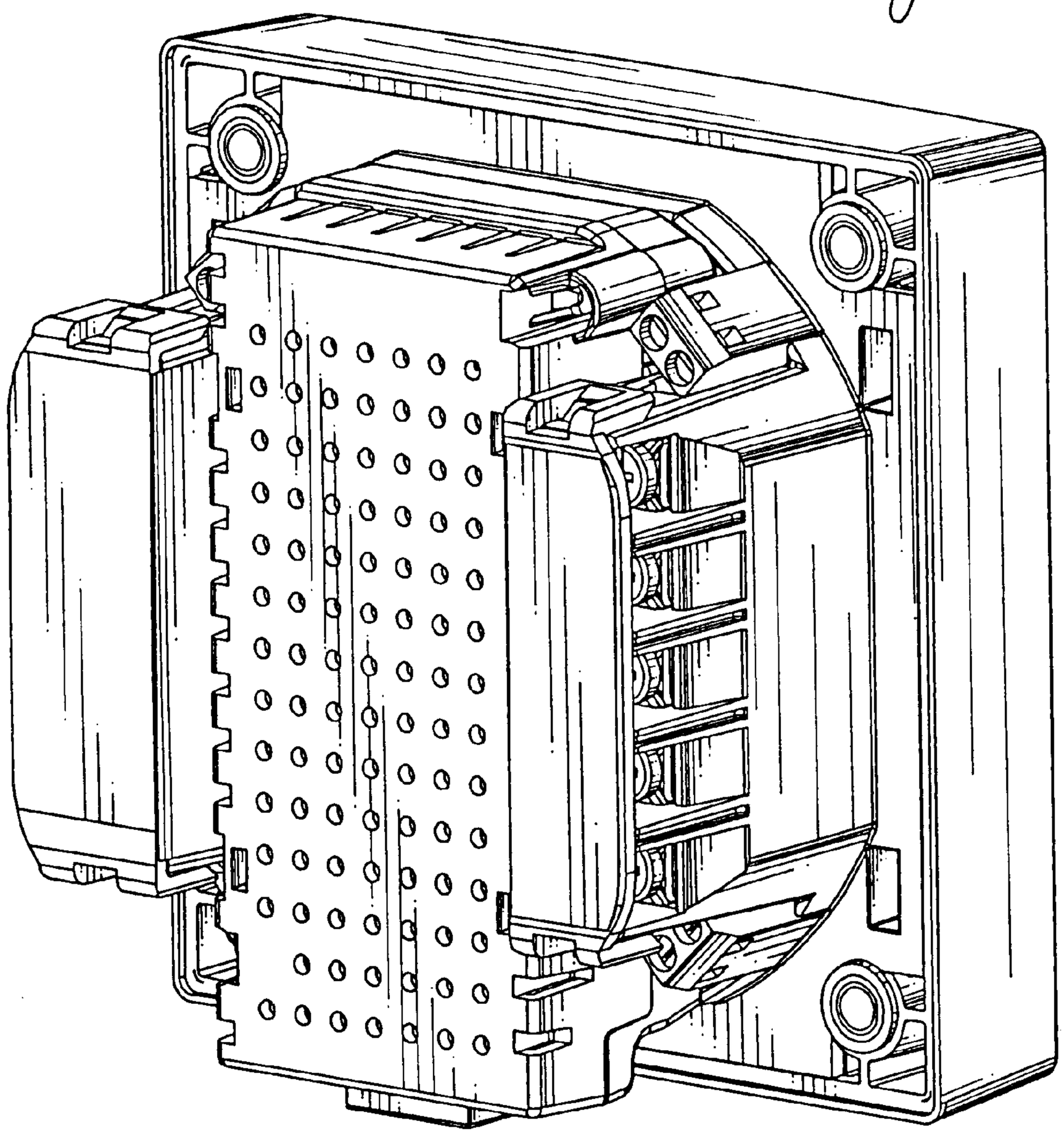

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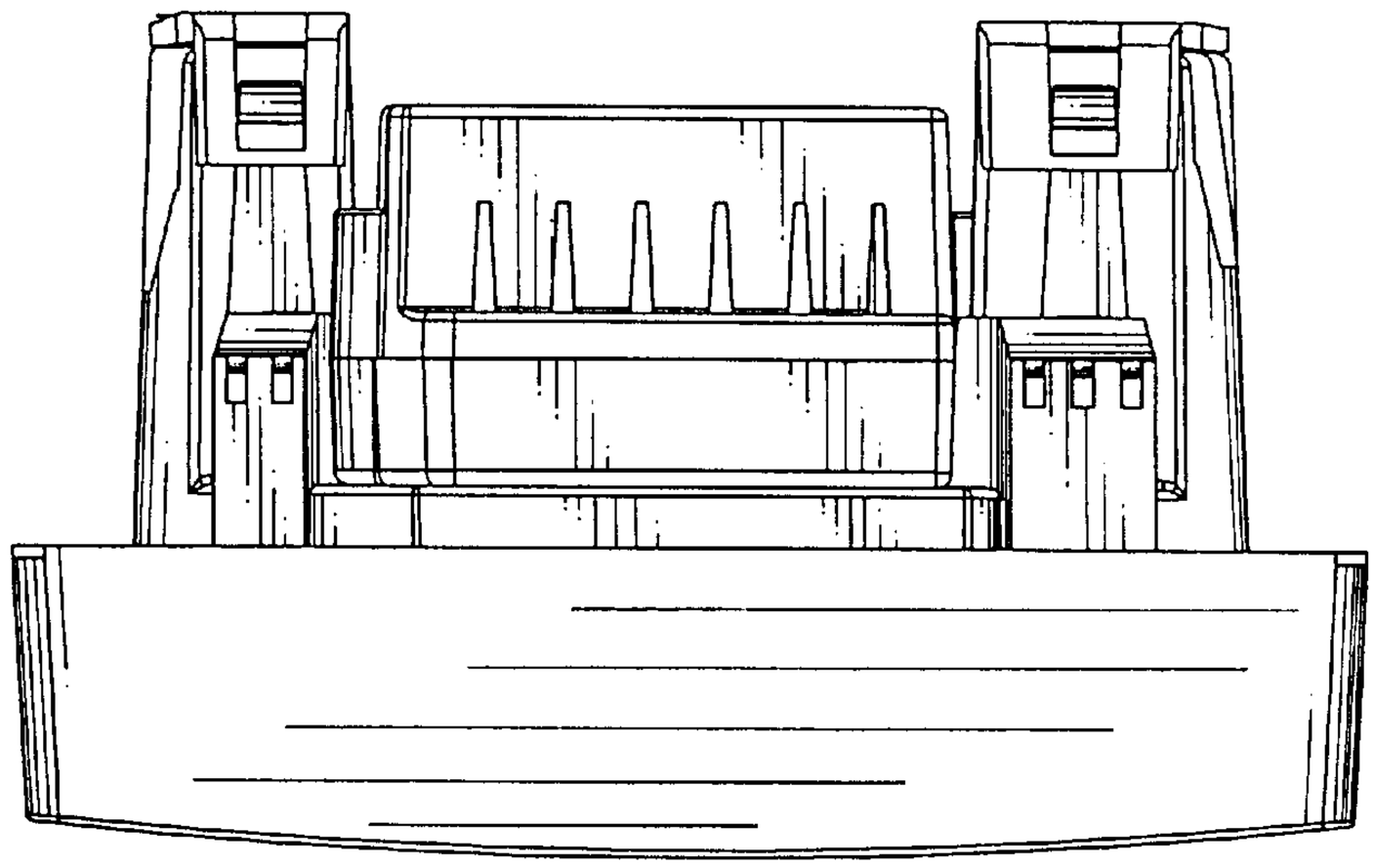

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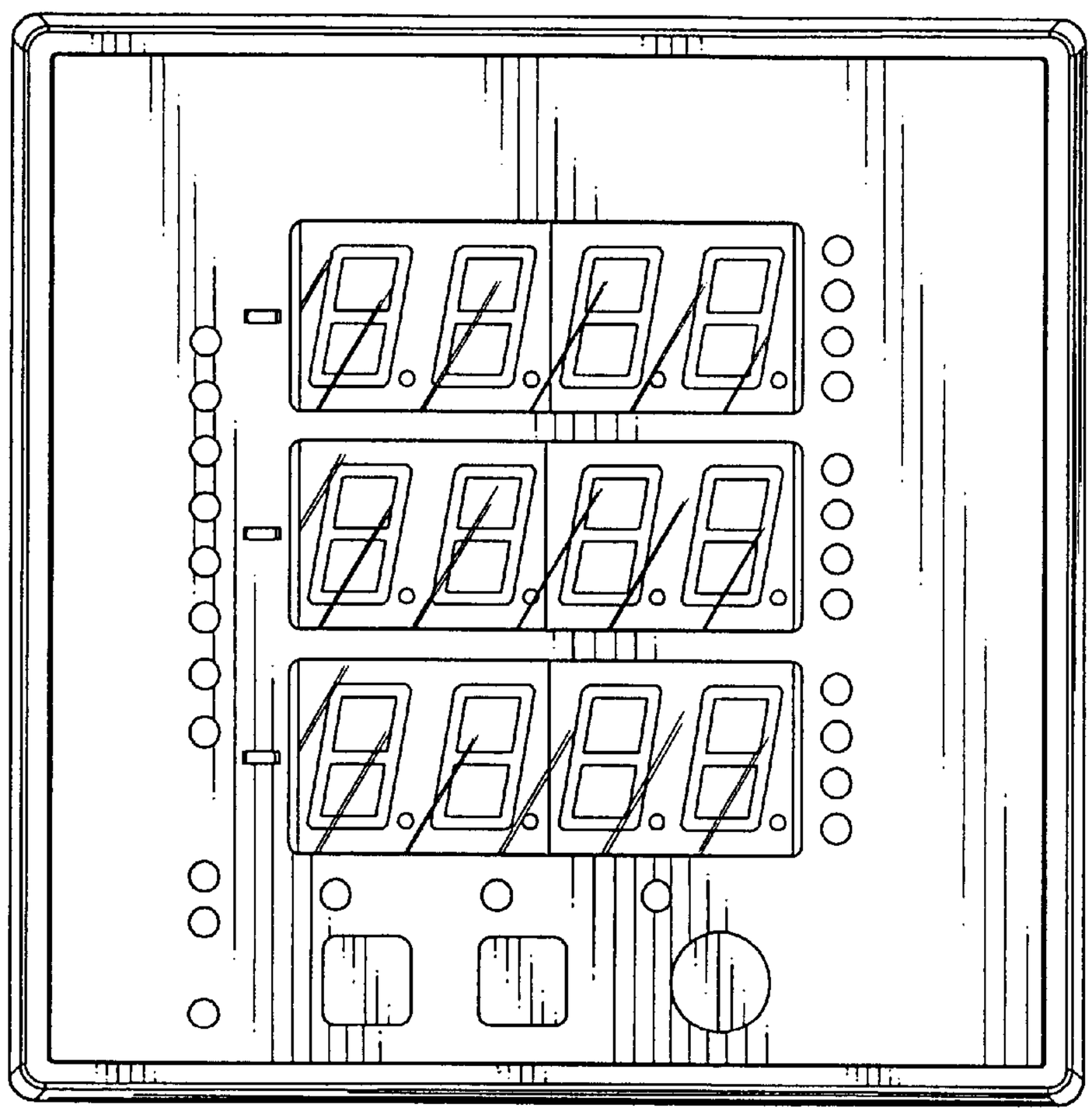
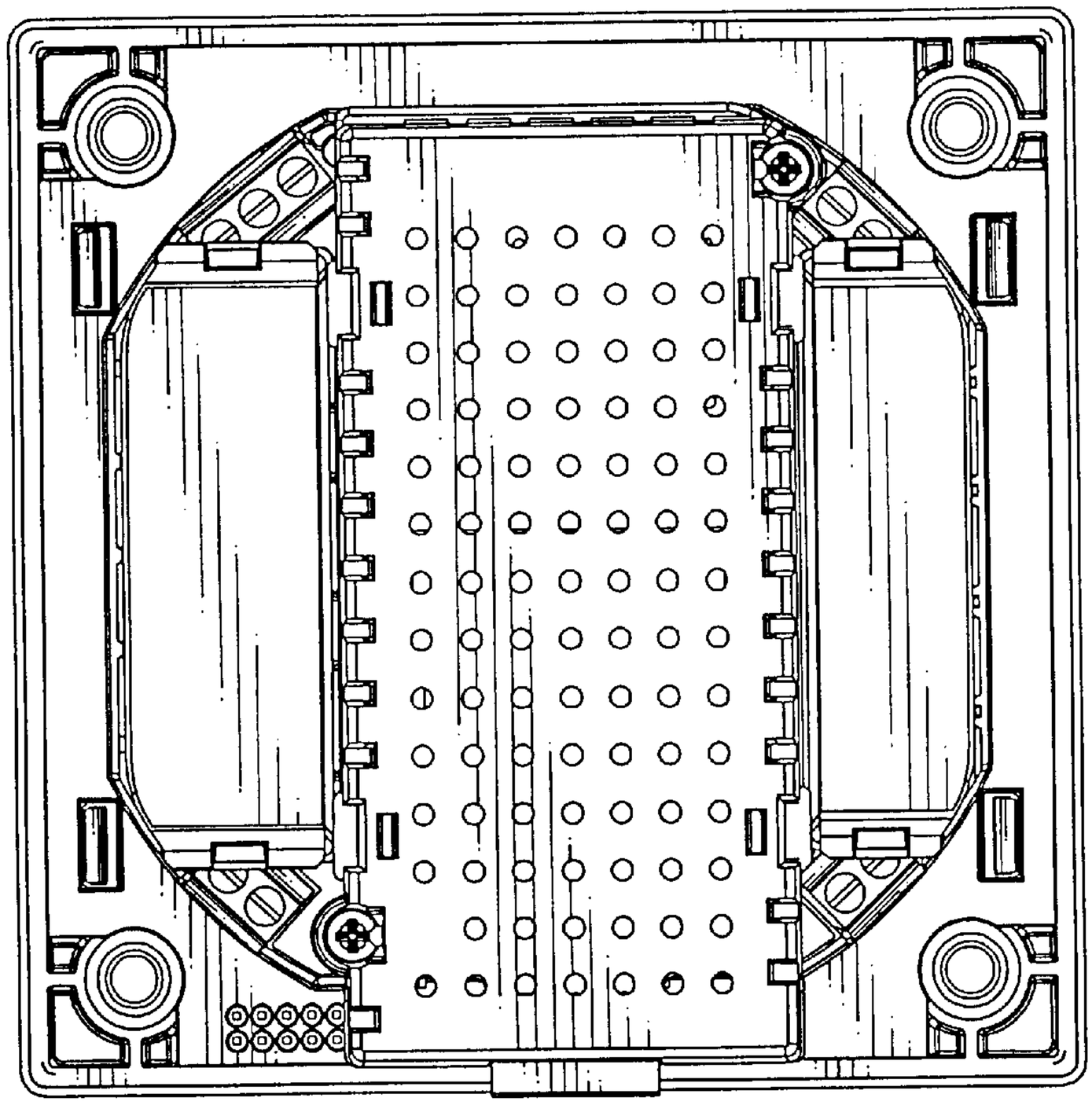


Fig. 20



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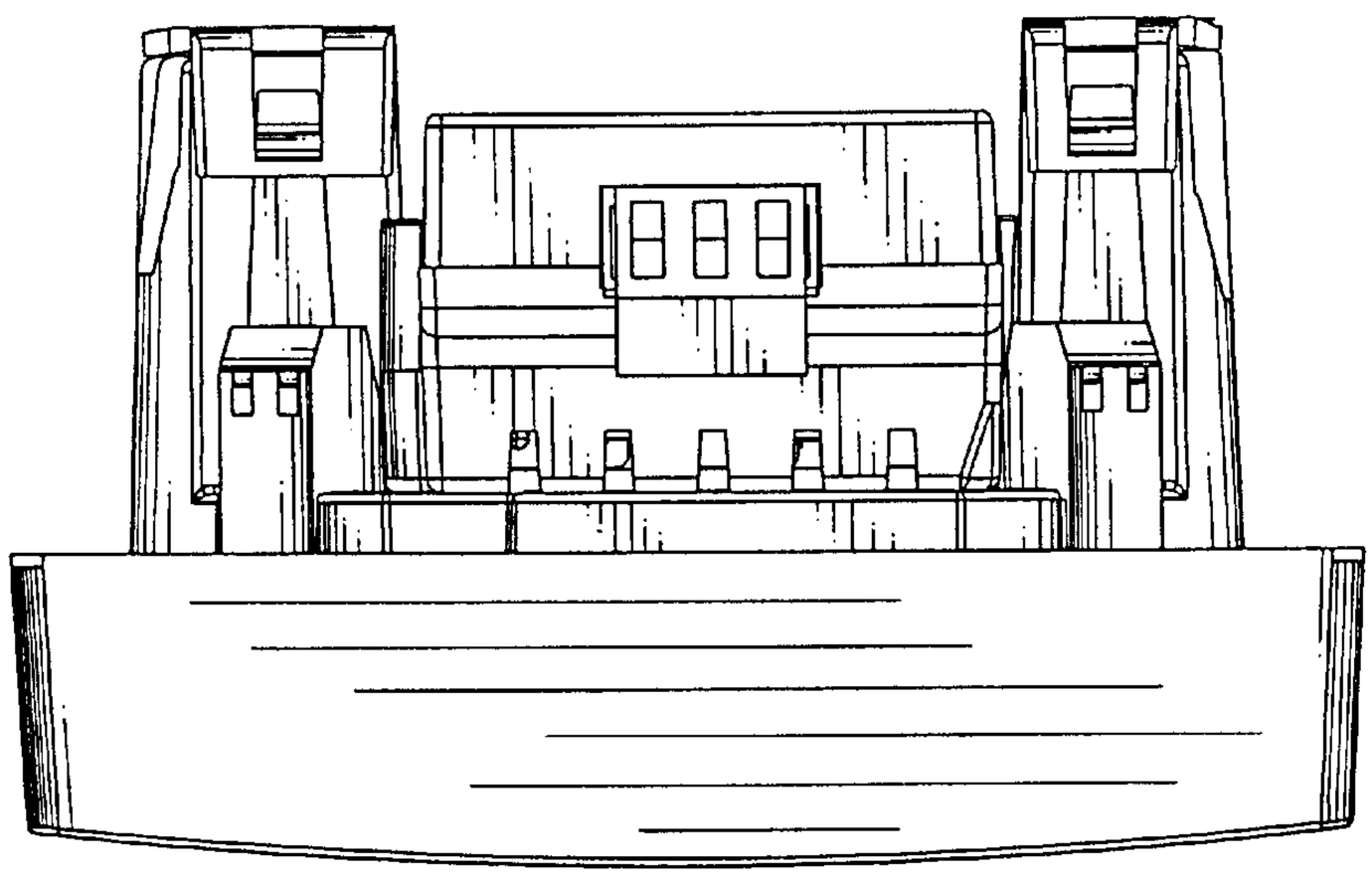

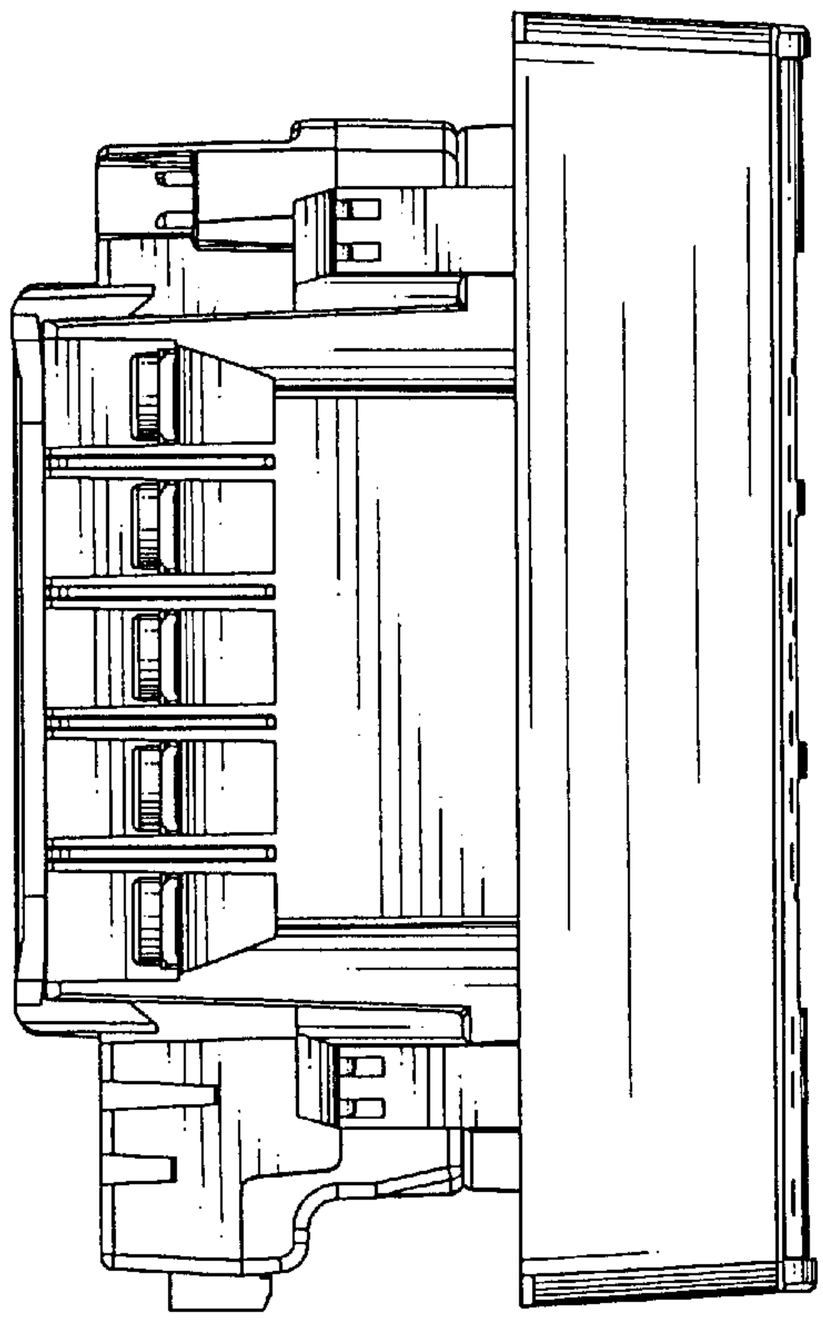

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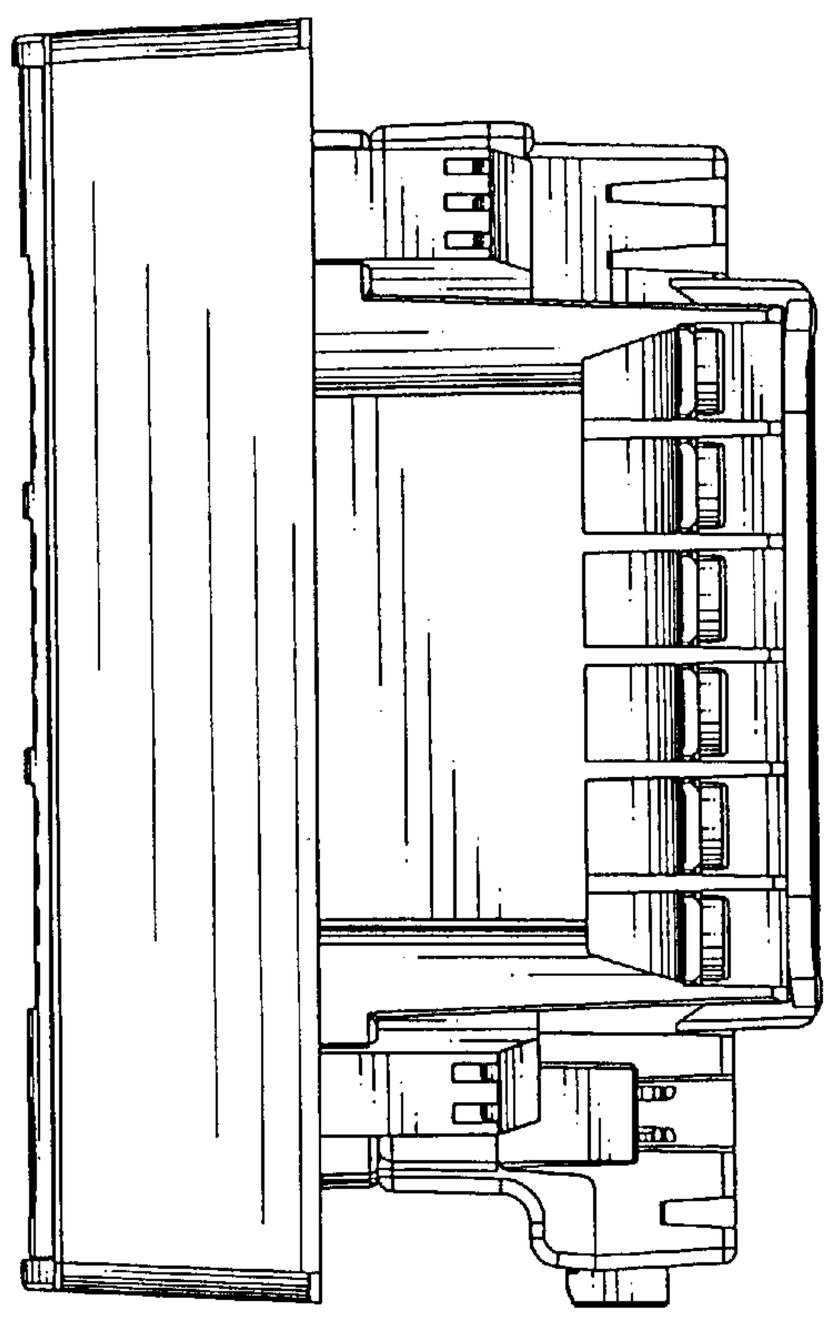

Fig. 23