



US00D612336S

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

(10) **Patent No.:** **US D612,336 S**
(45) **Date of Patent:** **** Mar. 23, 2010**

(54) **MULTI-PRONG FLUIDIC CONNECTOR**

(57) **CLAIM**

(75) Inventors: **Jesse T. Bodwell**, Manchester, NH (US);
Kevin L. Grant, Litchfield, NH (US);
James D. Dale, Nashua, NH (US)

The ornamental design for multi-prong fluidic connector, as shown and described above.

(73) Assignee: **DEKA Products Limited Partnership**,
Manchester, NH (US)

DESCRIPTION

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

FIG. 1 is a top, front, left side perspective view of a multi-prong fluidic connector;

(21) Appl. No.: **29/323,610**

FIG. 2 is a front elevational view thereof;

(22) Filed: **Aug. 27, 2008**

FIG. 3 is a rear elevational view thereof;

(51) **LOC (9) Cl.** **13-03**

FIG. 4 is a right side elevational view thereof, the left side view being a mirror image;

(52) **U.S. Cl.** **D13/154**

FIG. 5 is a top plan view thereof;

(58) **Field of Classification Search** D13/133,
D13/138.1, 147, 154–156, 184; 439/357,
439/358, 447, 483, 586, 578, 606–610, 668–669,
439/678–676, 889, 892

FIG. 6 is a bottom plan view thereof;

See application file for complete search history.

FIG. 7 is a top, front, left side perspective view of the male connector of the multi-prong fluidic connector, shown separately for clarity of illustration;

FIG. 8 is a front elevational view of FIG. 7;

(56) **References Cited**

FIG. 9 is a rear elevational view of FIG. 7;

U.S. PATENT DOCUMENTS

FIG. 10 is a right side elevational view of FIG. 7, the left side view being a mirror image;

- 4,659,166 A * 4/1987 Morningstar et al. 439/580
- D406,819 S * 3/1999 Taguchi D13/154
- D429,218 S * 8/2000 Lee D13/147
- 7,255,590 B2 * 8/2007 Schremmer et al. 439/404

FIG. 11 is a top plan view of FIG. 7;

FIG. 12 is a bottom plan view of FIG. 7;

OTHER PUBLICATIONS

“Custom Coupling and Connector Design From Colder Products Company,” 1 page, <http://www.colder.com/Products/customproducts/tabid/54/default.aspx> (accessed Jul. 16, 2009).

FIG. 13 is a top, front, left side perspective view of the female connector of the multi-prong fluidic connector, shown separately for clarity of illustration;

FIG. 14 is a front elevational view of FIG. 13;

FIG. 15 is a rear elevational view of FIG. 13;

FIG. 16 is a right side elevational view of FIG. 13, the left side view being a mirror image;

FIG. 17 is a top plan view of the FIG. 13; and,

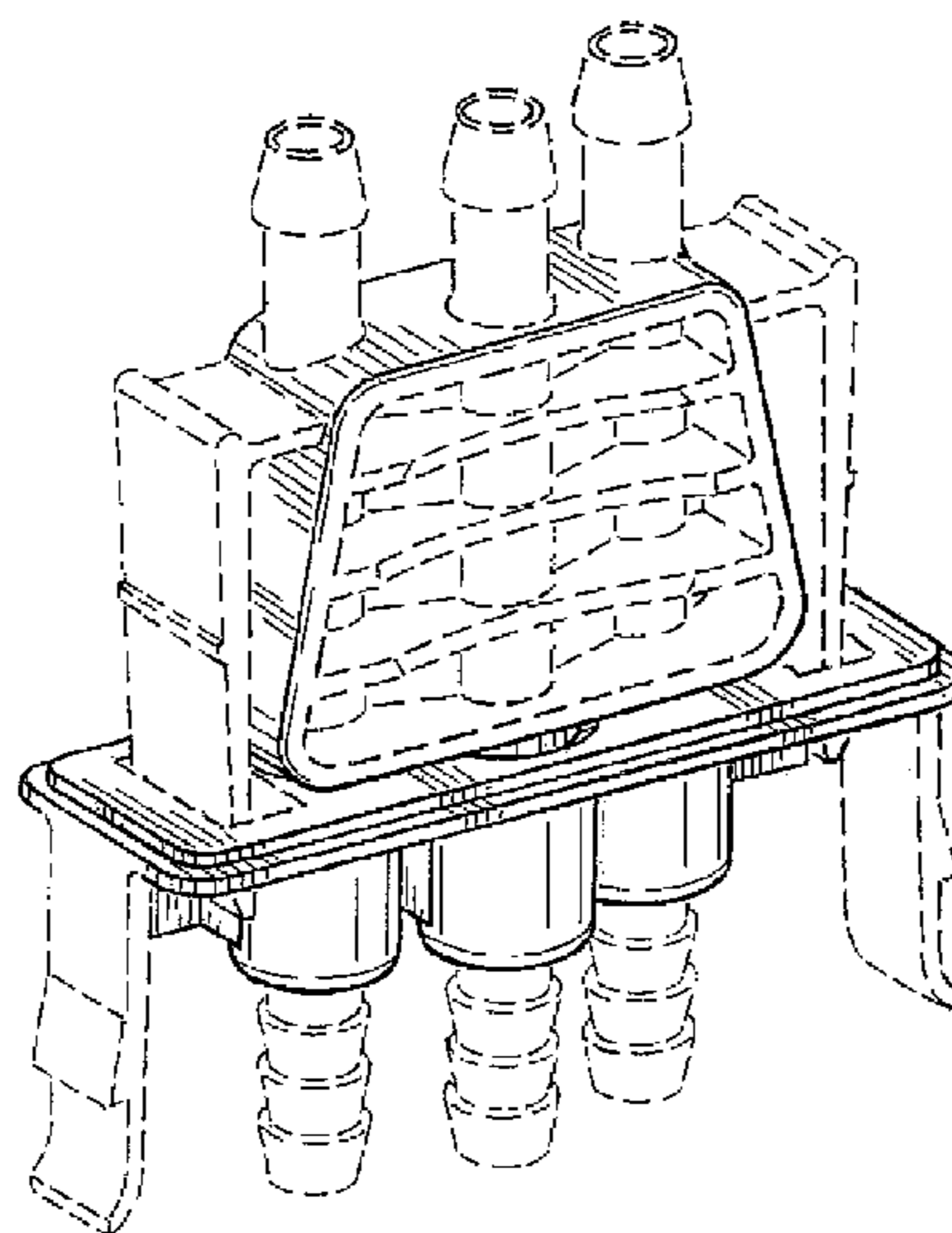
FIG. 18 is a bottom plan view of FIG. 13.

* cited by examiner

The broken line showing on the drawing disclosure is for illustrative purposes only and forms no part of the claimed design.

Primary Examiner—Nanda Bondade
(74) *Attorney, Agent, or Firm*—Wolf, Greenfield & Sacks, P.C.

1 Claim, 9 Drawing Sheets



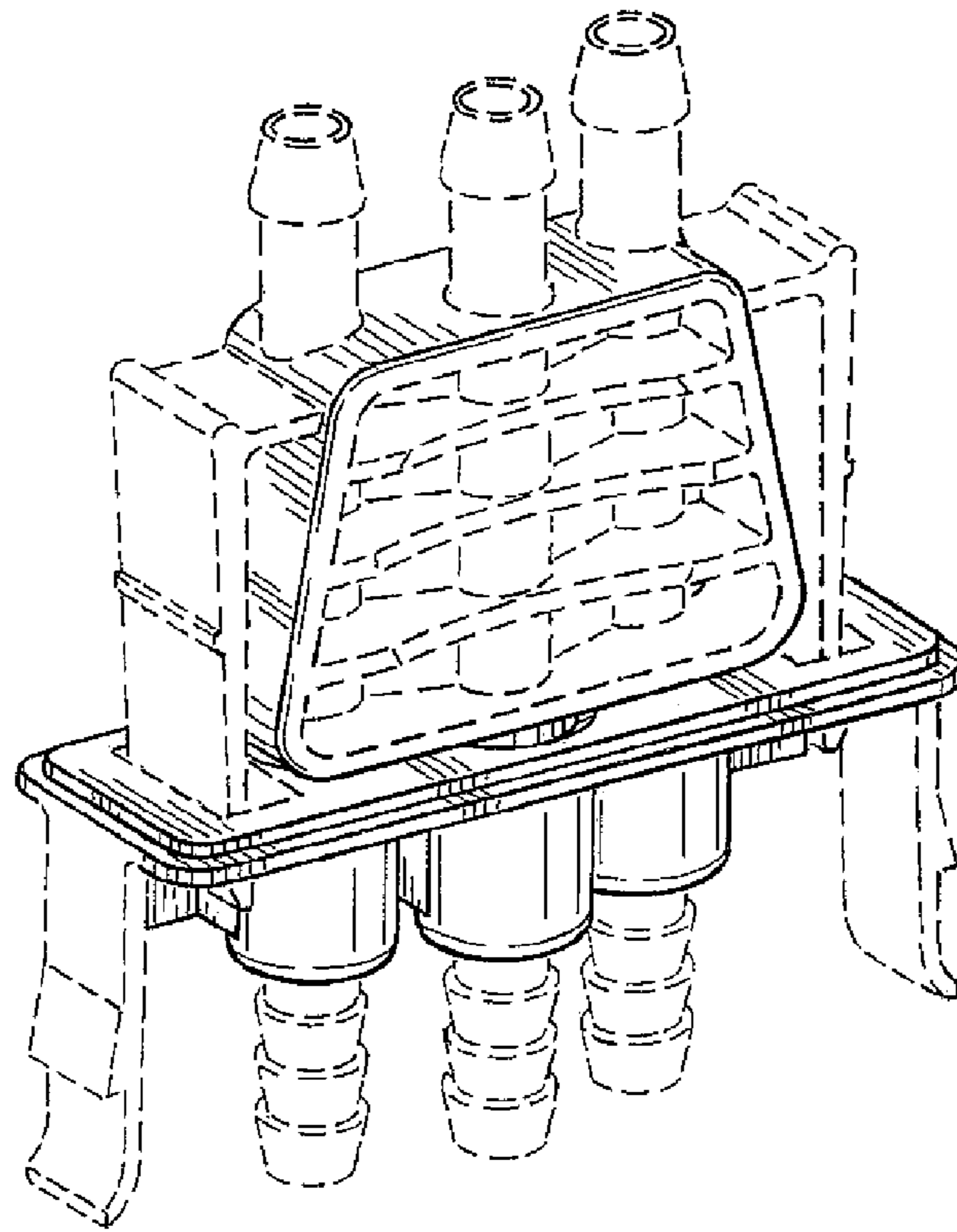


Fig. 1

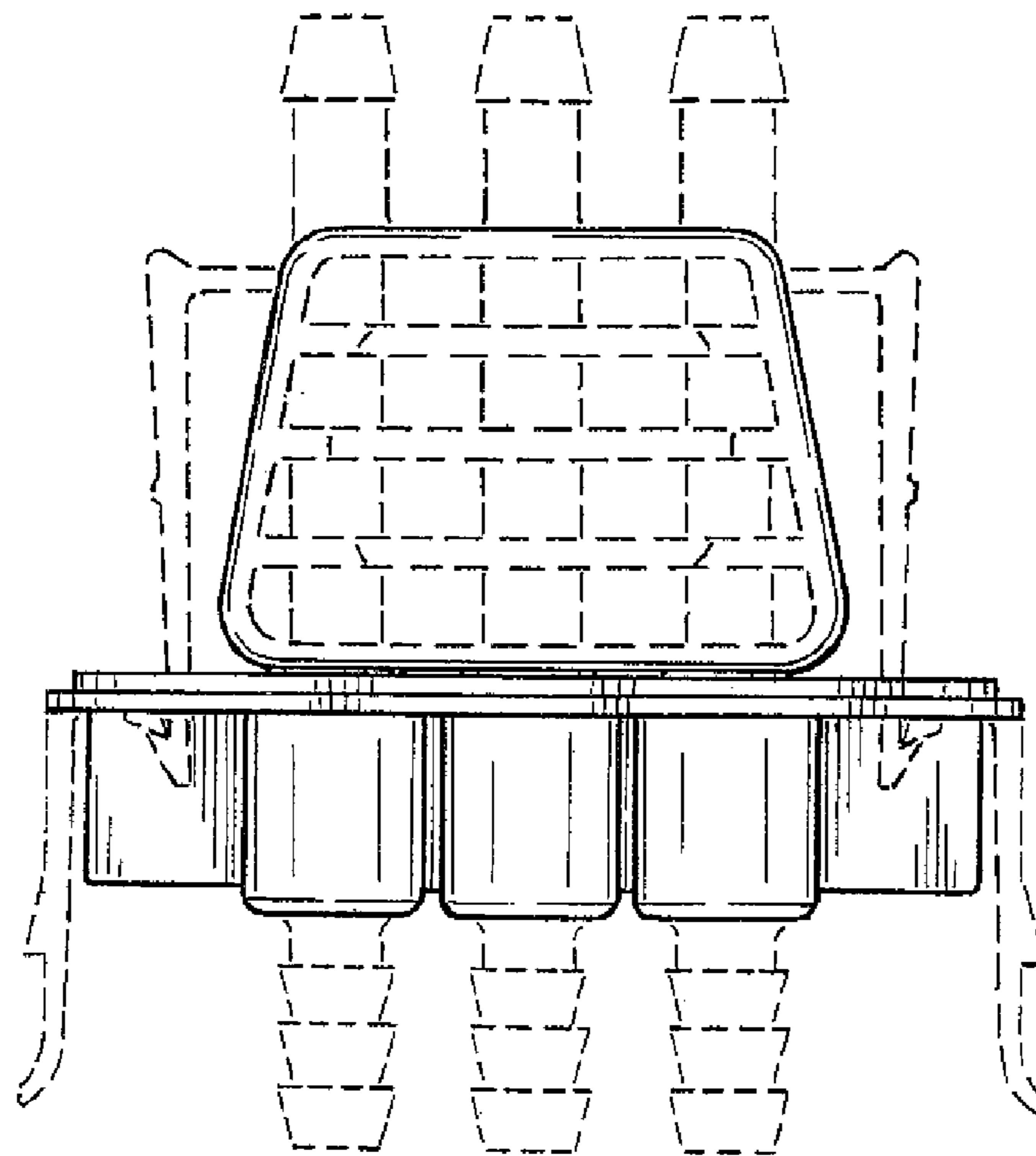


Fig. 2

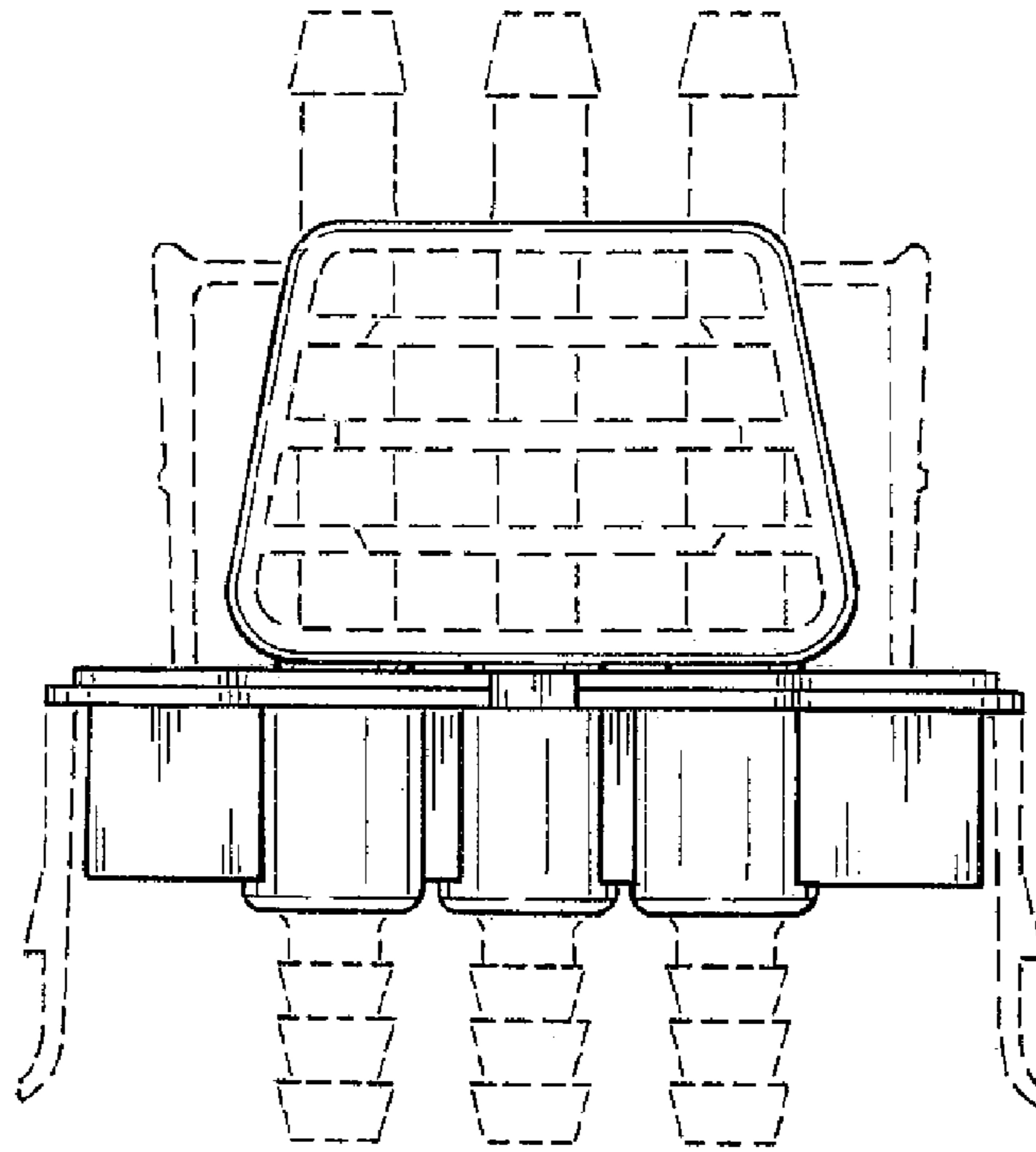


Fig. 3

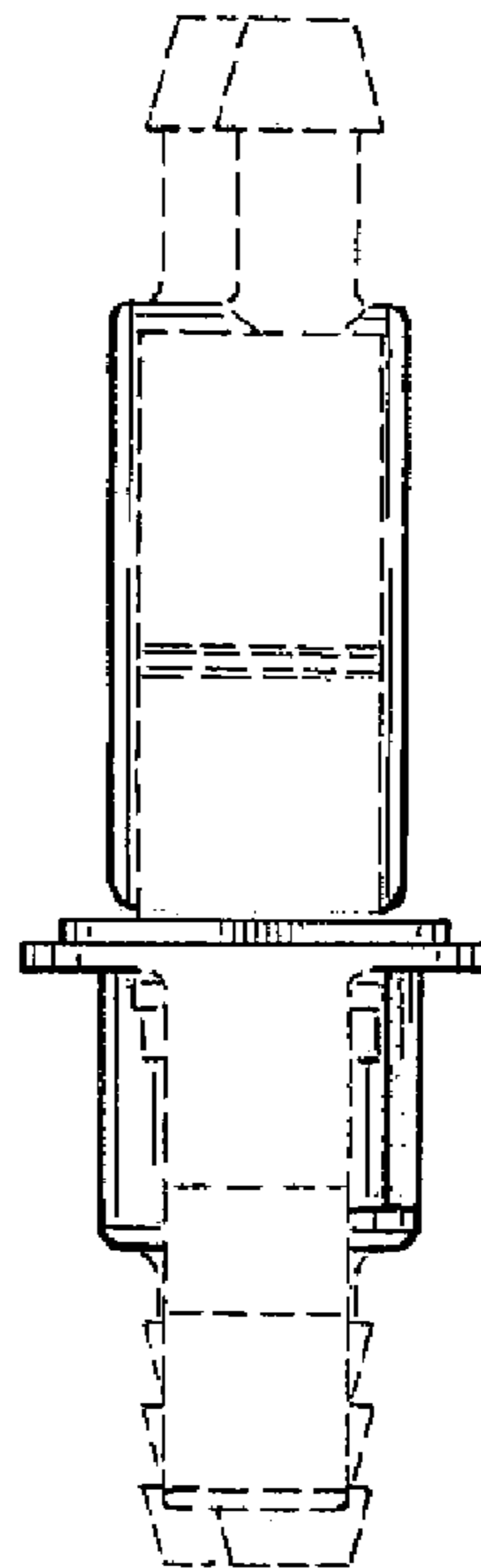


Fig. 4

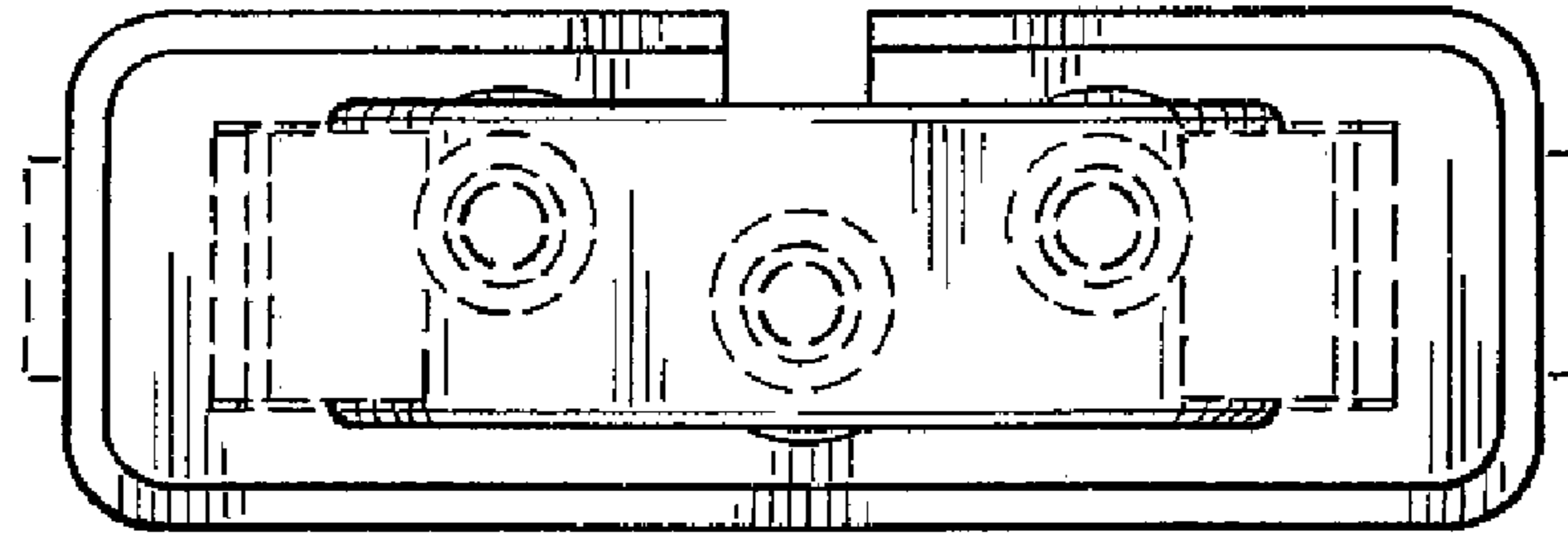


Fig. 5

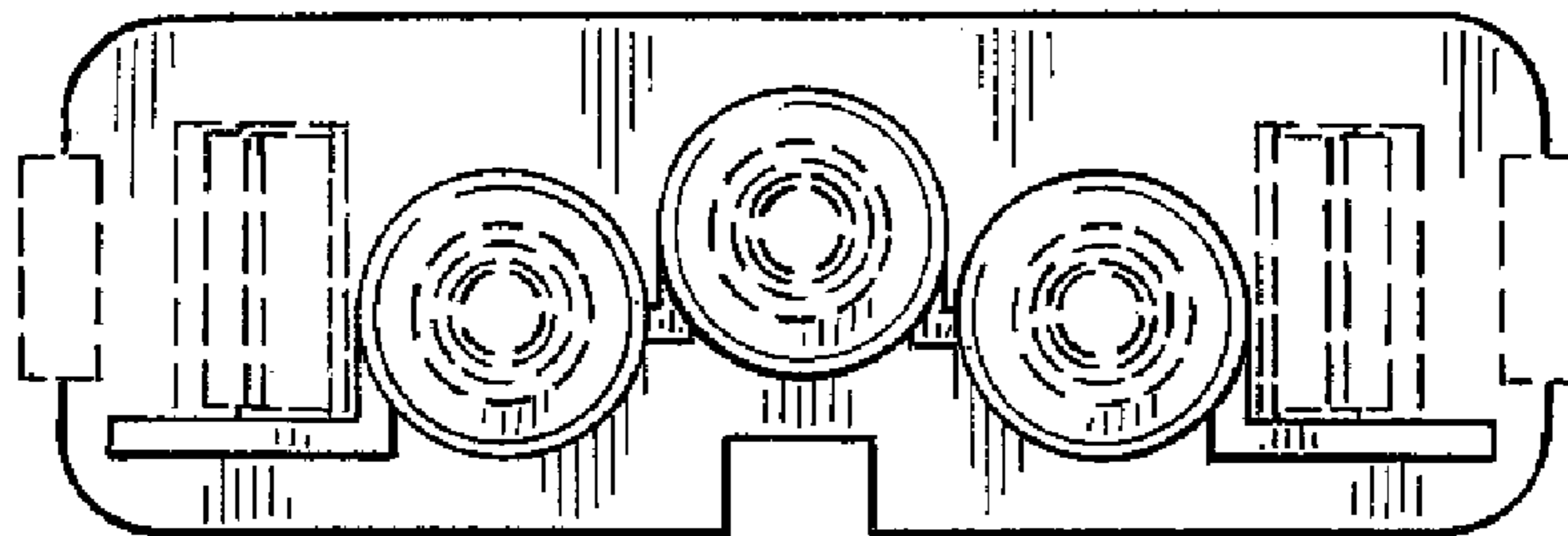


Fig. 6

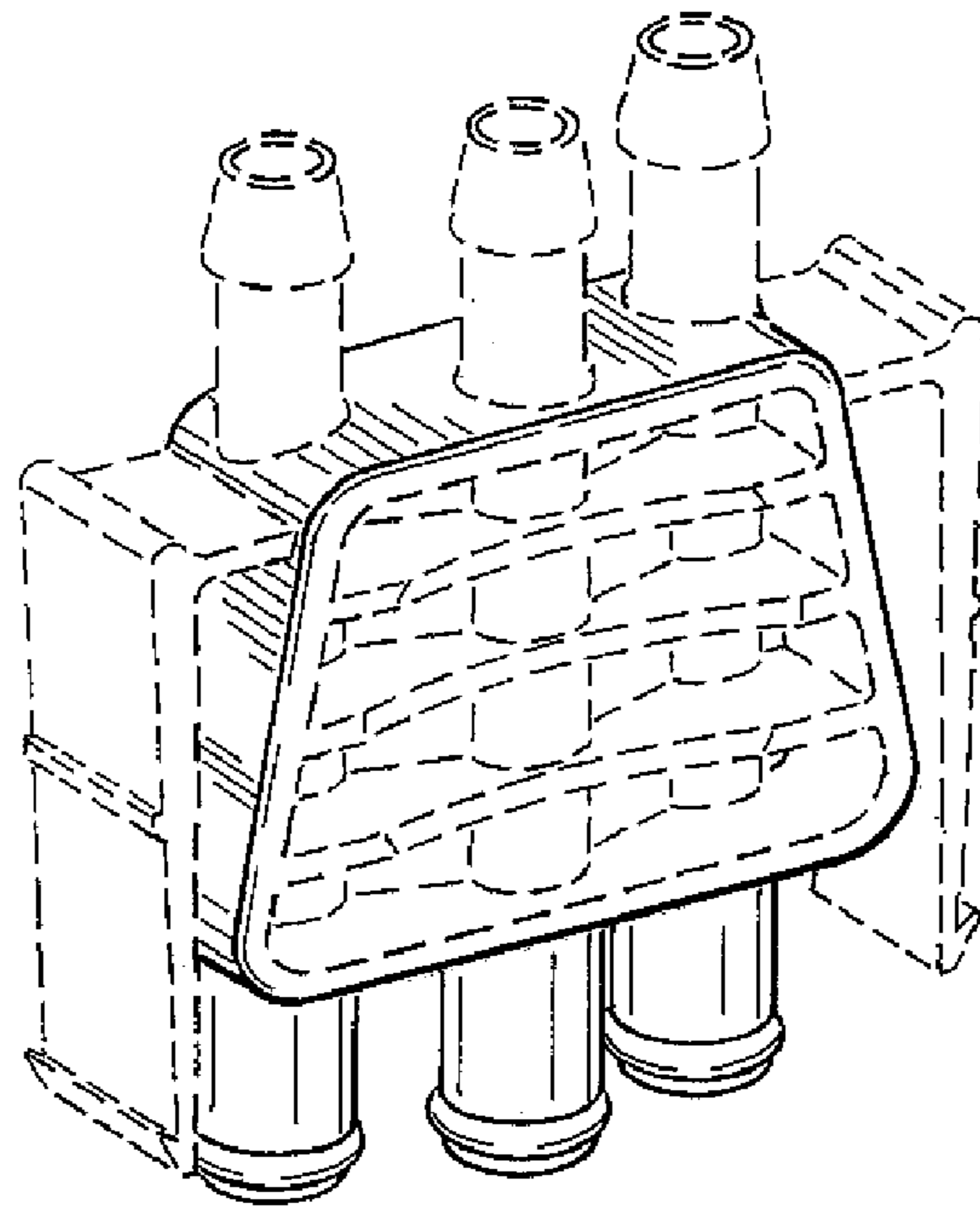


Fig. 7

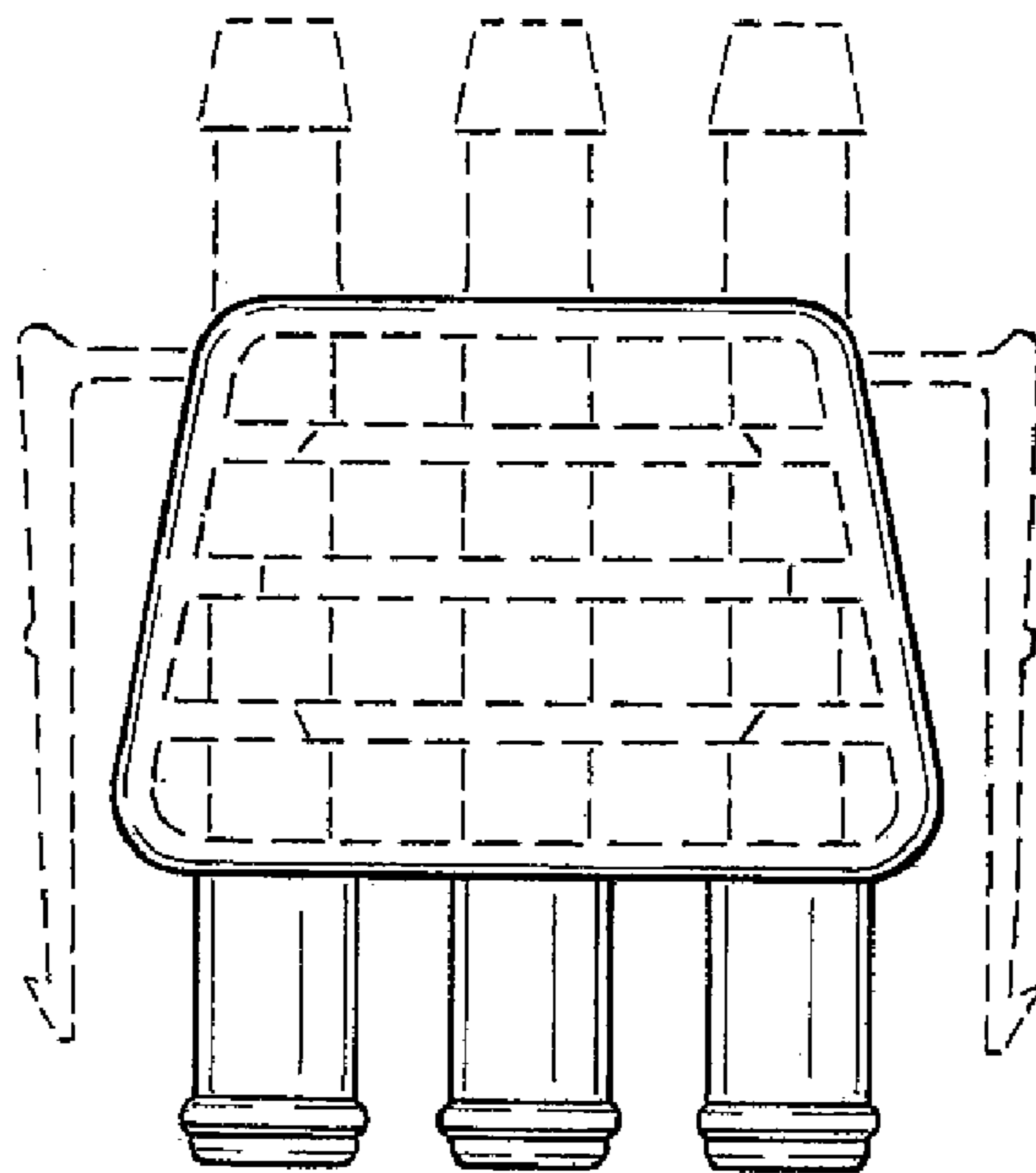


Fig. 8

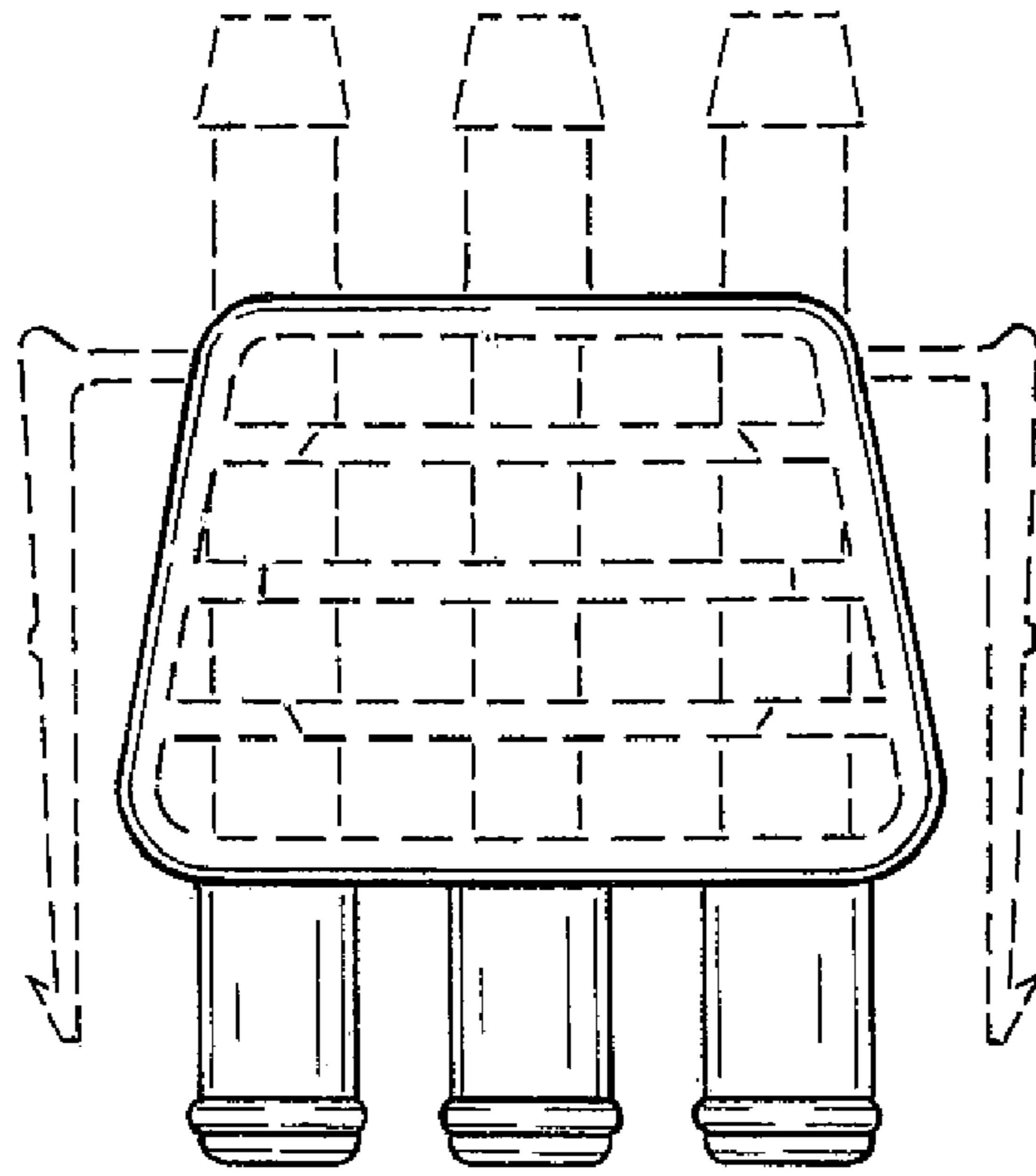


Fig. 9

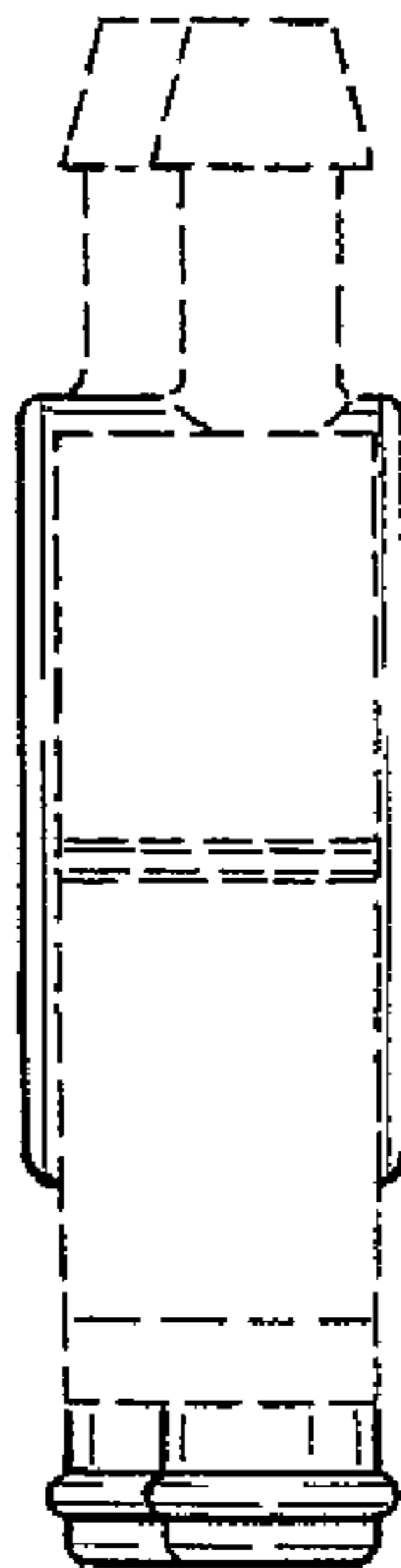


Fig. 10

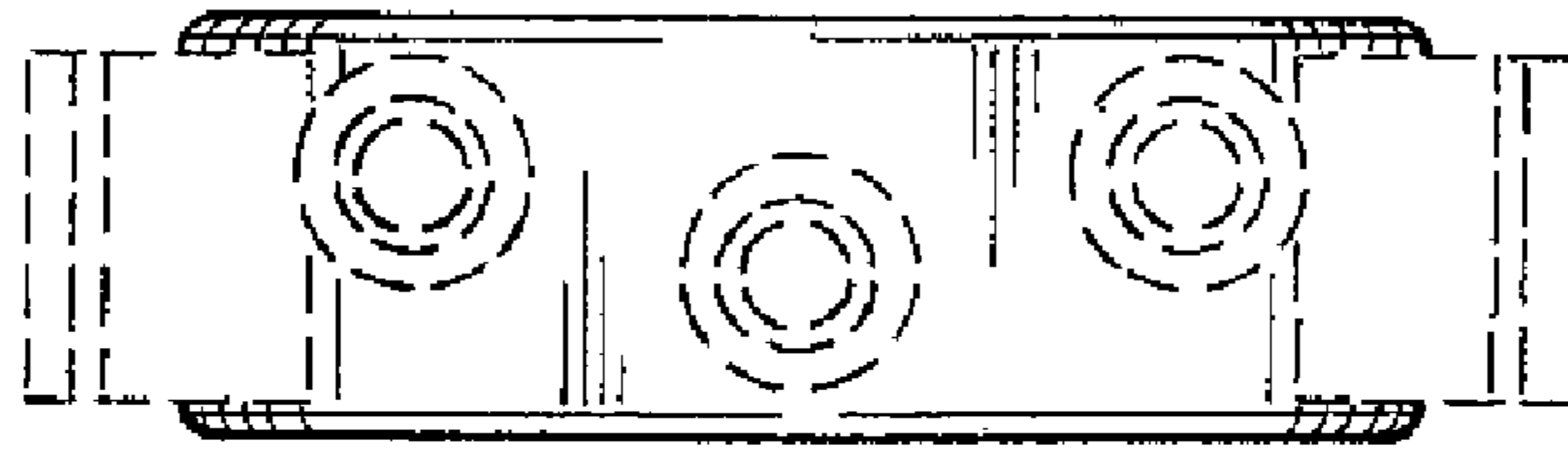


Fig. 11

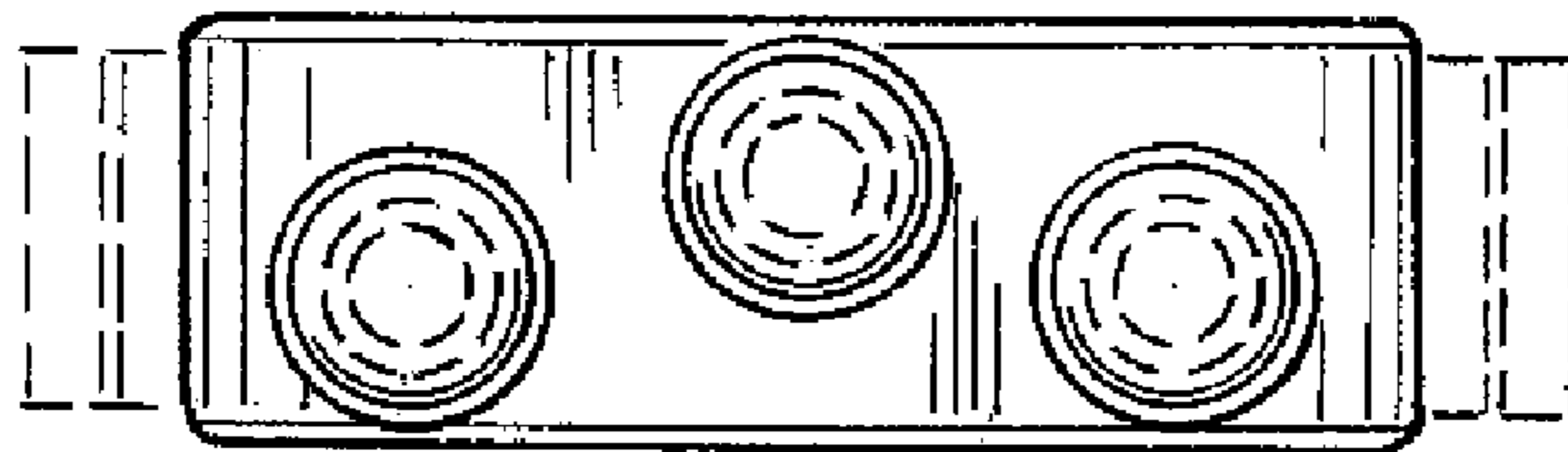


Fig. 12

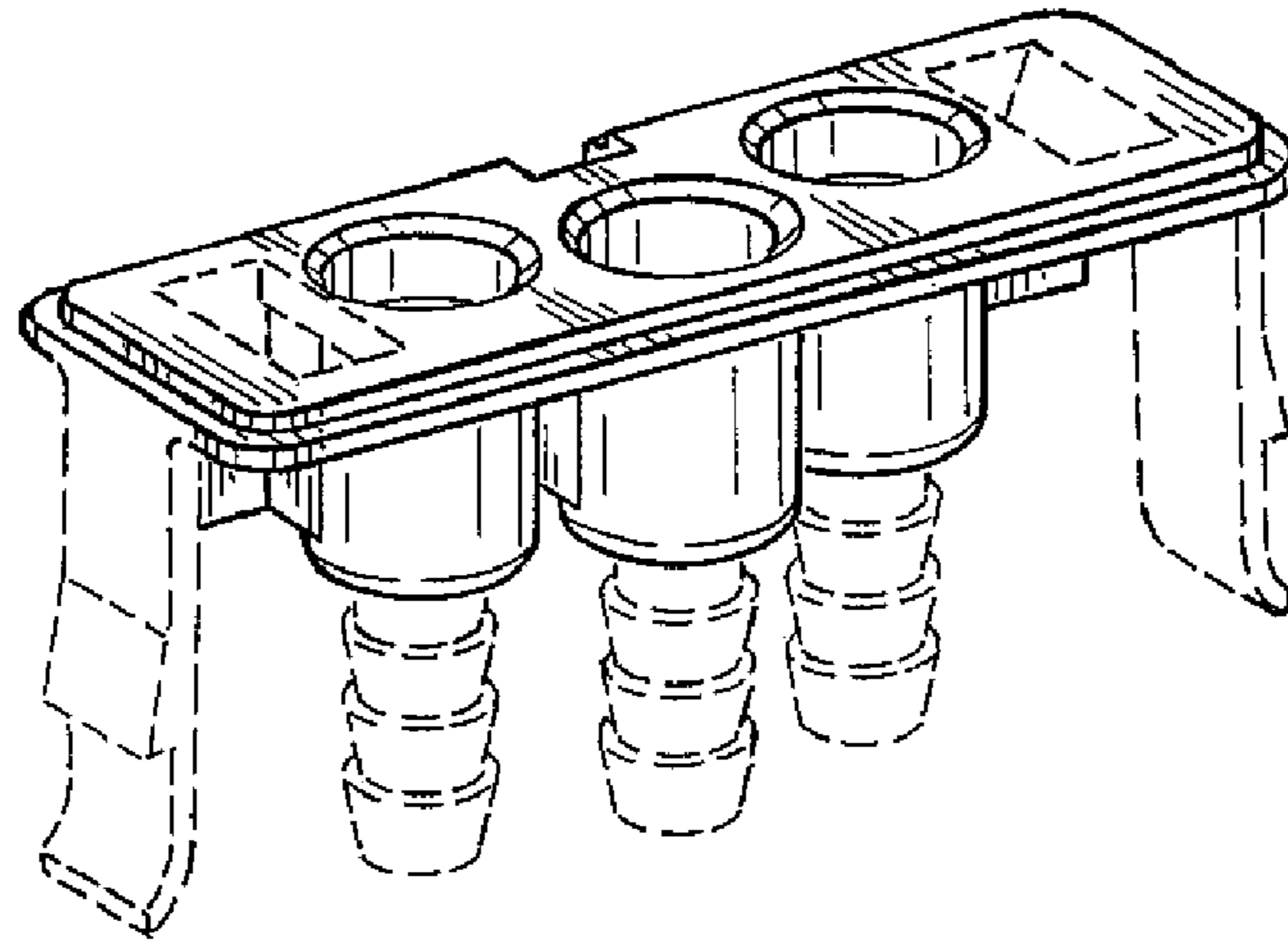


Fig. 13

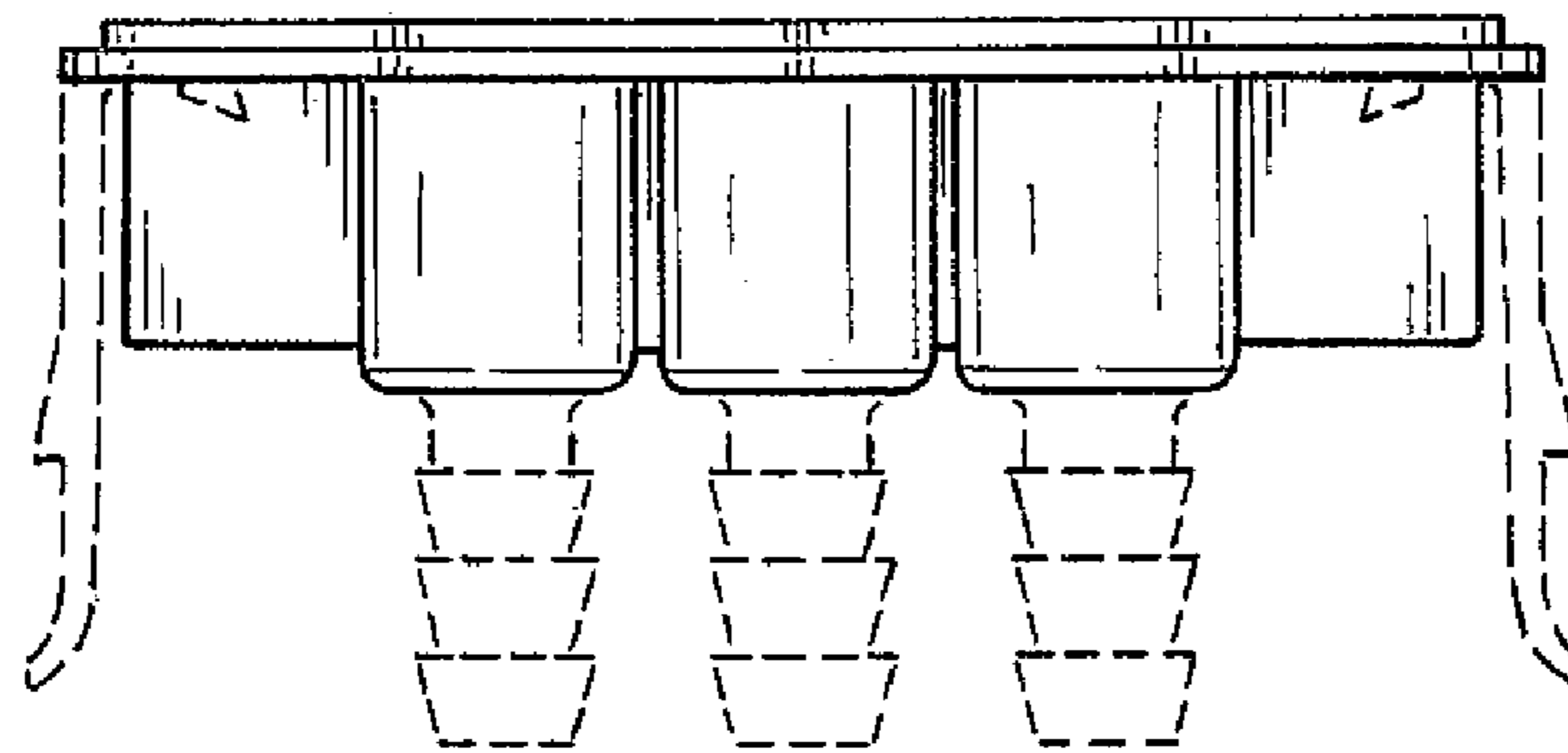


Fig. 14

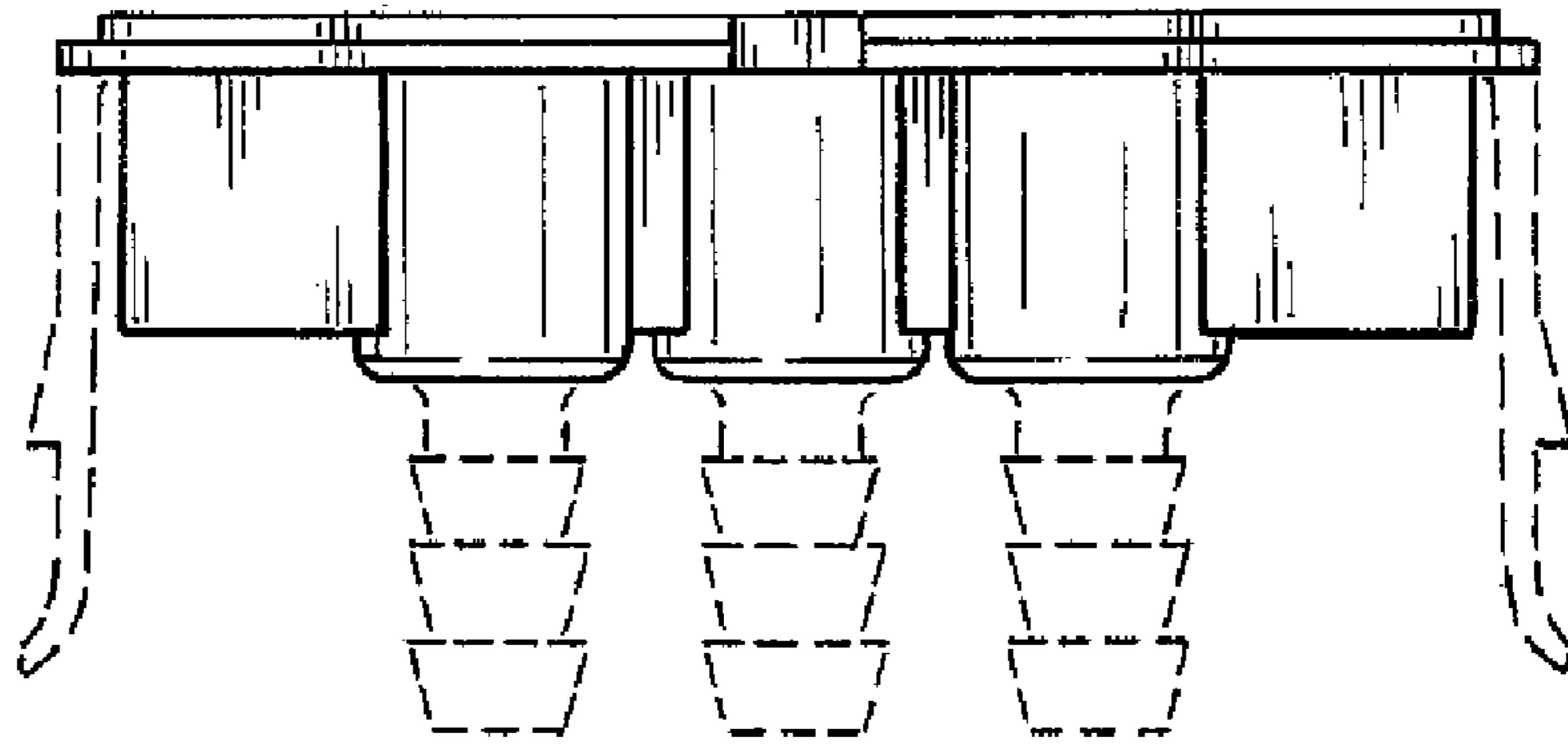


Fig. 15

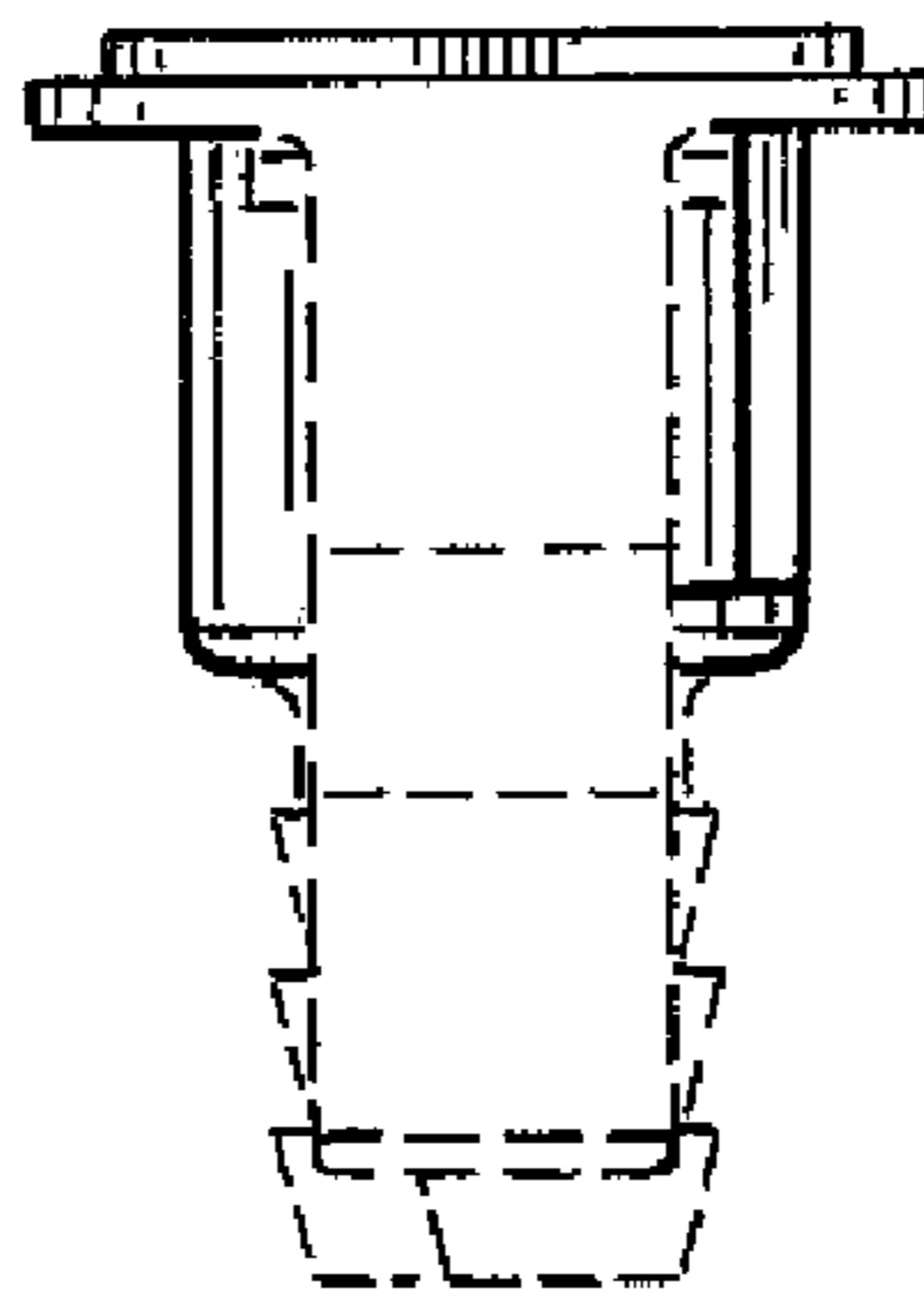


Fig. 16

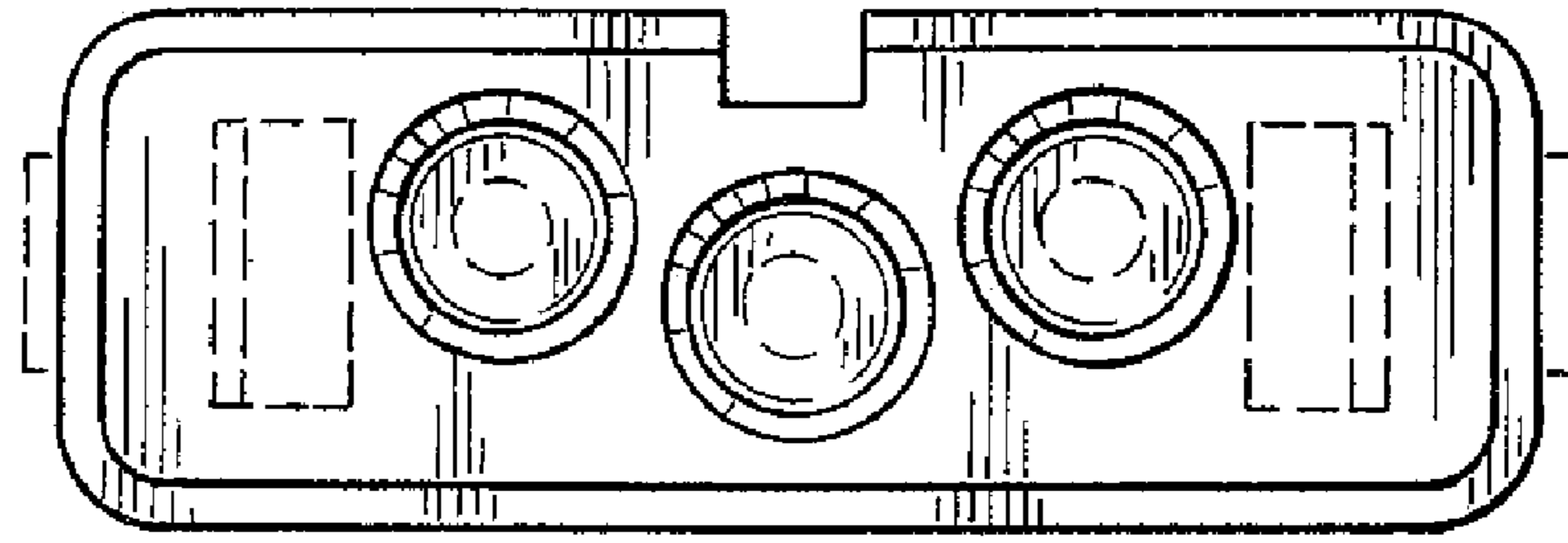


Fig. 17

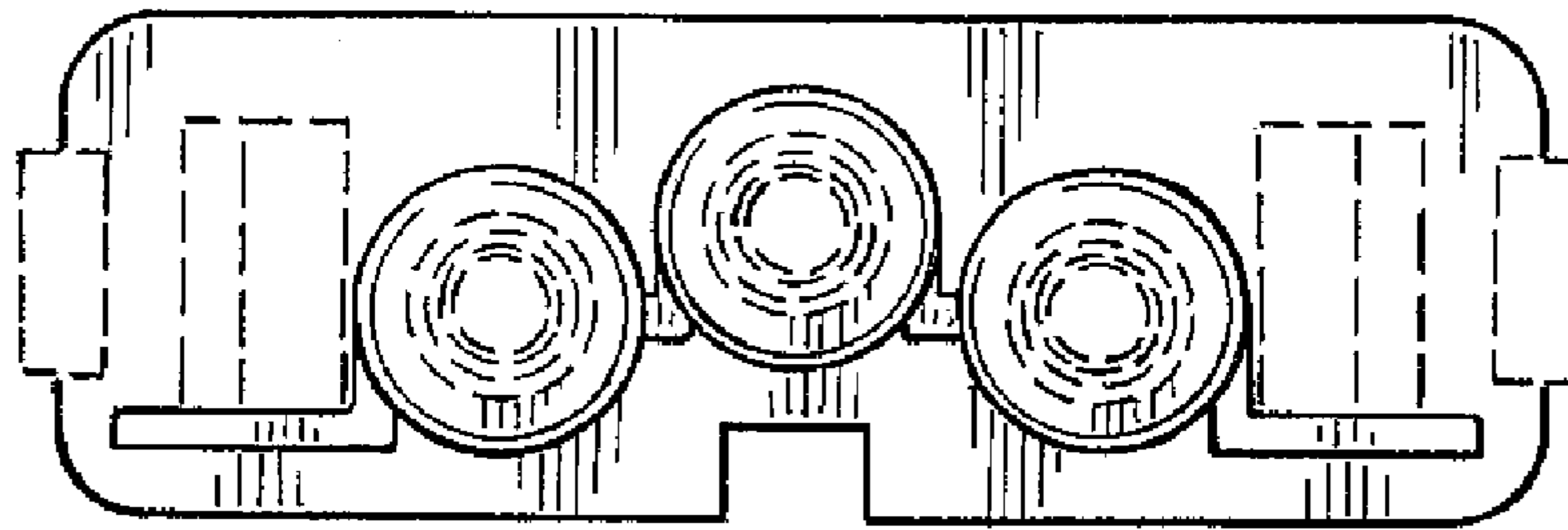


Fig. 18