



US00D622670S

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

(10) **Patent No.:** **US D622,670 S**

(45) **Date of Patent:** **** Aug. 31, 2010**

(54) **VEHICLE LIGHT PLUG LOCKING SYSTEM**

(57) **CLAIM**

(75) Inventors: **Ivan A. Otasu**, Vancouver, WA (US);
Craig E. Marquardt, Covington, GA (US)

The ornamental design for a vehicle light plug locking system, as shown and described.

(73) Assignee: **Kaper II, Inc.**, Kelso, WA (US)

DESCRIPTION

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

(21) Appl. No.: **29/330,842**

(22) Filed: **Jan. 14, 2009**

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

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

(58) **Field of Classification Search** D13/133,
D13/146-147, 154, 156, 184; D26/113;
439/34, 35, 36, 144, 519, 521, 573, 574,
439/575

See application file for complete search history.

FIG. 1 is a front, top, right perspective view of a vehicle light plug locking system showing our new design;

FIG. 2 is a front elevation view thereof, the rear elevation view being a mirror image thereto;

FIG. 3 is a right side elevation view thereof;

FIG. 4 is a left side elevation view thereof;

FIG. 5 is a top plan view thereof;

FIG. 6 is a bottom plan view thereof;

FIG. 7 is a front, top, right perspective view of the locking arms of the vehicle light plug locking system of FIGS. 1-6;

FIG. 8 is a front elevation view thereof, the rear elevation view being a mirror image duplicate;

FIG. 9 is a right side elevation view thereof, the left side elevation view being a mirror image duplicate;

FIG. 10 is a left side elevation view thereof;

FIG. 11 is a top plan view thereof;

FIG. 12 is a bottom plan view thereof;

FIG. 13 is a perspective view of a modified embodiment of the design of FIGS. 7-12;

FIG. 13 is a front elevation view thereof, the rear elevation view being a mirror image duplicate;

FIG. 14 is a right side elevation view thereof, the left side elevation view being a duplicate;

FIG. 15 is a top plan view thereof;

FIG. 16 is a perspective view of second modified embodiment of the design of FIGS. 7-12;

FIG. 17 is a front elevation view thereof, the rear elevation view being a mirror image duplicate;

FIG. 18 is a perspective view of an alternate embodiment for the locking arms of the vehicle light plug locking system of FIGS. 1-6;

(56) **References Cited**

U.S. PATENT DOCUMENTS

| | | | | |
|-----------|------|---------|----------------------|---------|
| 3,218,448 | A | 11/1965 | Cala | |
| 3,341,802 | A | 9/1967 | Baldwin et al. | |
| 3,474,381 | A | 10/1969 | Baldwin | |
| 4,611,873 | A * | 9/1986 | Punako et al. | 439/277 |
| D331,915 | S * | 12/1992 | Martin | D13/154 |
| D387,730 | S * | 12/1997 | McCarthy | D13/133 |
| D392,618 | S * | 3/1998 | Fukao et al. | D13/146 |
| D400,170 | S * | 10/1998 | Asai et al. | D13/133 |
| D496,910 | S * | 10/2004 | Bomar | D13/154 |
| 7,709,735 | B2 * | 5/2010 | Vigorito et al. | 174/67 |

OTHER PUBLICATIONS

Online product catalog: Truck-Lite Model 10 Marker & Clearance Light, <http://www.Truck-Lite.com> (visited about Aug. 2008).

* cited by examiner

Primary Examiner—Daniel D Bui

(74) *Attorney, Agent, or Firm*—Stoel Rives LLP

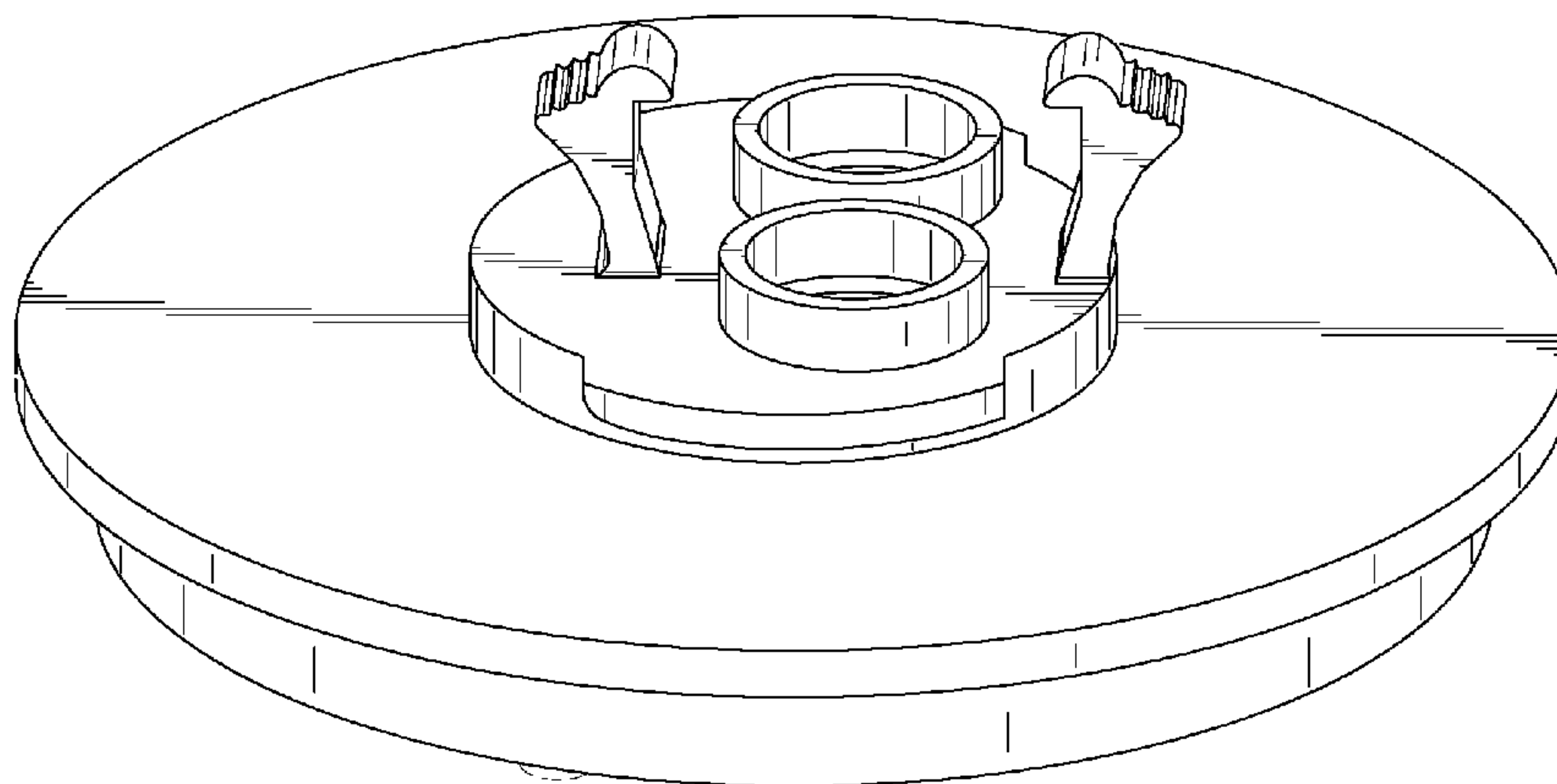


FIG. 19 is a front elevation view thereof, the rear elevation view being a mirror image duplicate;

FIG. 20 is a right side elevation view thereof, the left side elevation view being a duplicate;

FIG. 21 is a top plan view thereof;

FIG. 22 is a perspective view of a modified embodiment of the design of FIGS. 18-21;

FIG. 23 is a front elevation view thereof, the rear elevation view being a mirror image duplicate;

FIG. 24 is a right side elevation view thereof, the left side elevation view being a duplicate;

FIG. 25 is a top plan view thereof;

FIG. 26 is a perspective view of a second modified embodiment of the design of FIGS. 18-21;

FIG. 27 is a front elevation view thereof, the rear elevation view being a mirror image duplicate;

FIG. 28 is a right side elevation view thereof, the left side elevation view being a duplicate;

FIG. 29 is a top plan view thereof;

FIG. 30 is a perspective view of a third modified embodiment of the design of FIGS. 18-21;

FIG. 31 is a front elevation view thereof, the rear elevation view being a mirror image duplicate;

FIG. 32 is a right side elevation view thereof, the left side elevation view being a duplicate;

FIG. 33 is a top plan view thereof;

FIG. 34 is a perspective view of a fourth modified embodiment of the design of FIGS. 18-21;

FIG. 35 is a front elevation view thereof, the rear elevation view being a mirror image duplicate;

FIG. 36 is a right side elevation view thereof, the left side elevation view being a duplicate; and,

FIG. 37 is a top plan view thereof.

The broken line portion of the figure drawings is included to show unclaimed subject matter only and forms no part of the claimed design.

1 Claim, 19 Drawing Sheets

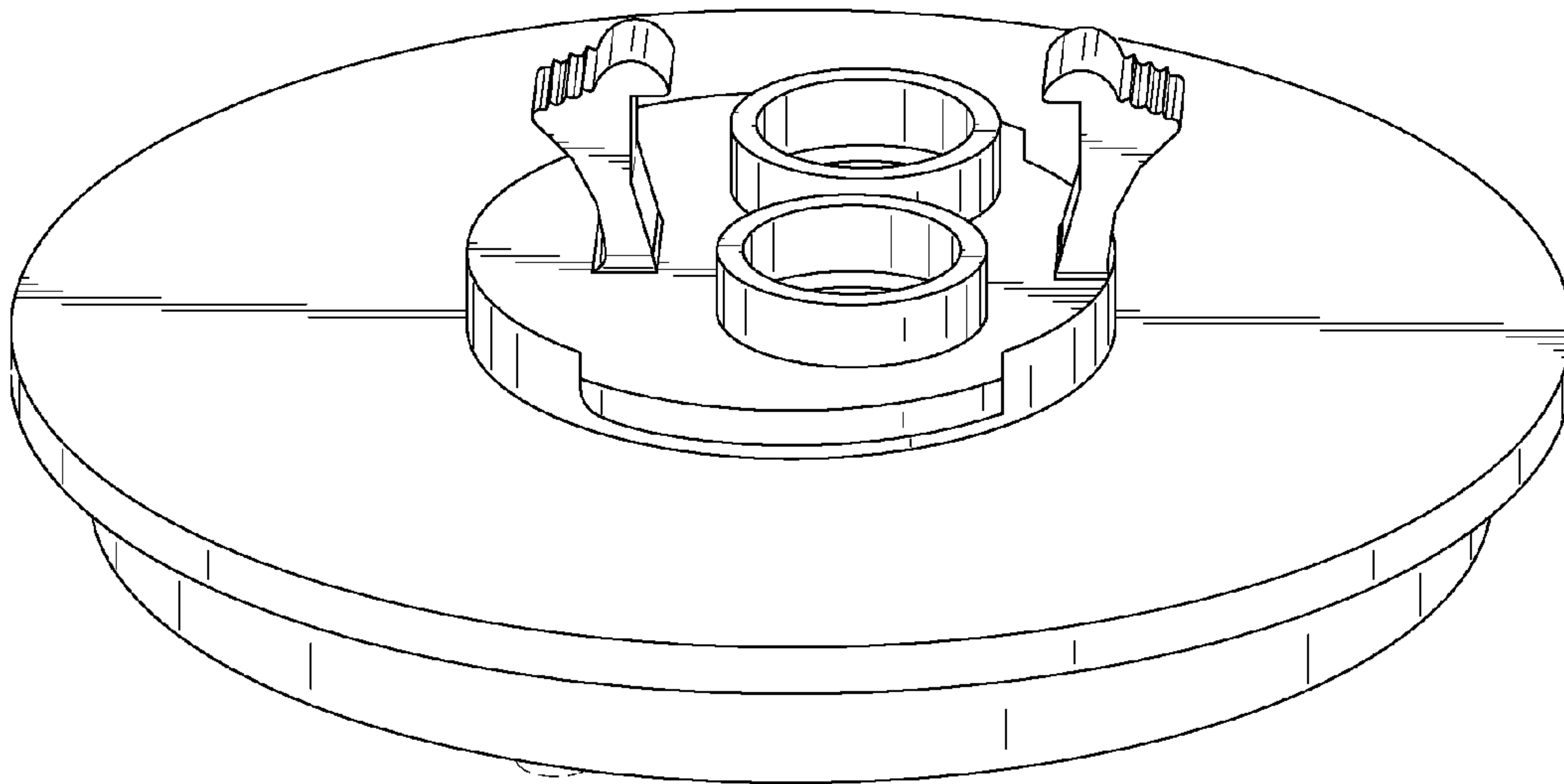


FIG. 1

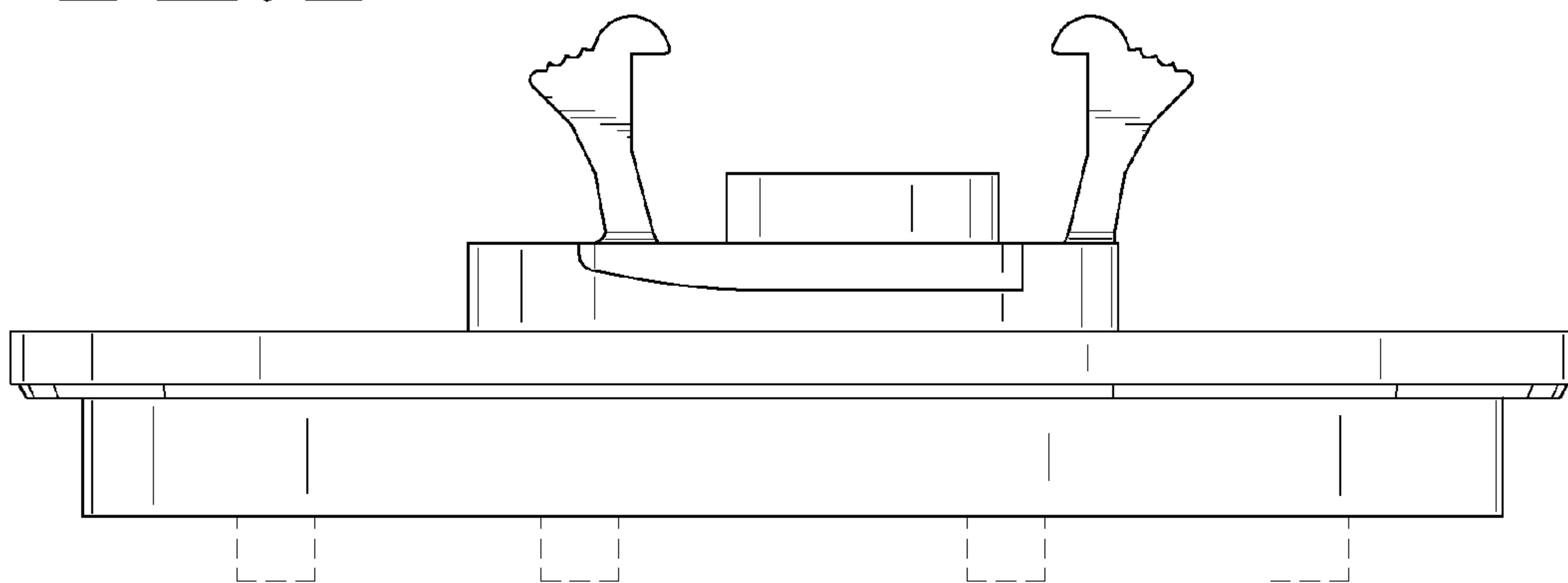


FIG. 2

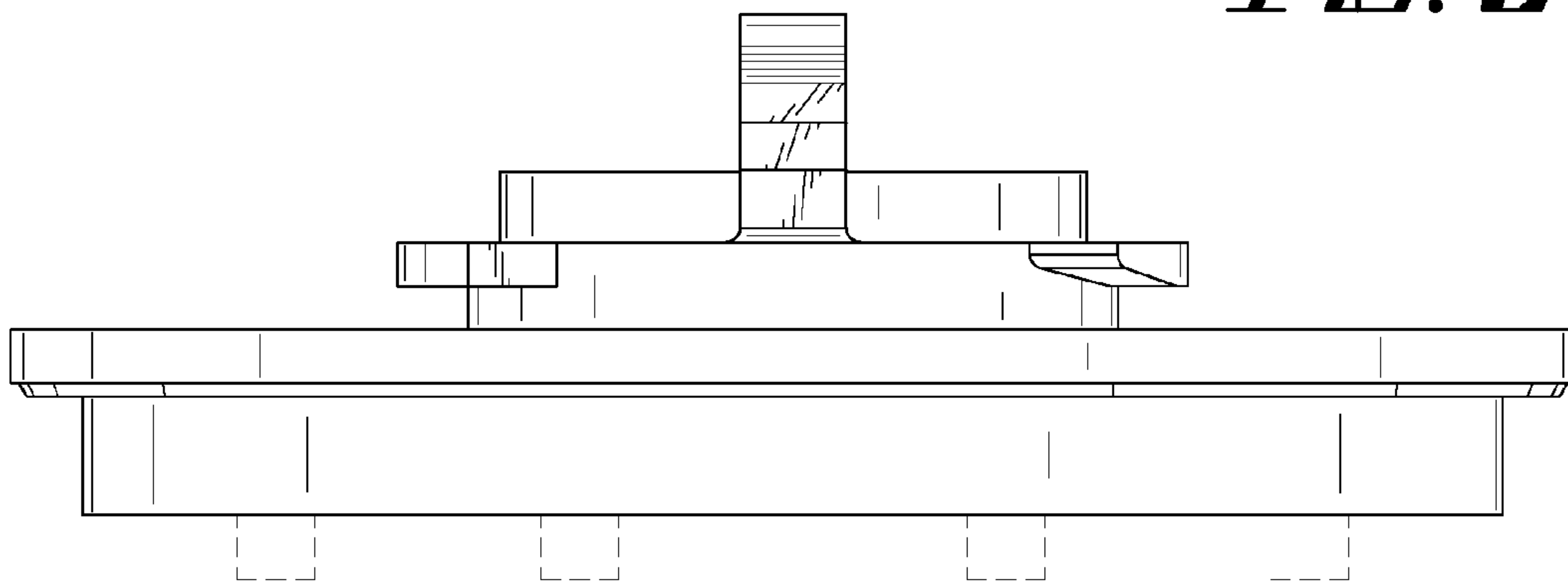


FIG. 3

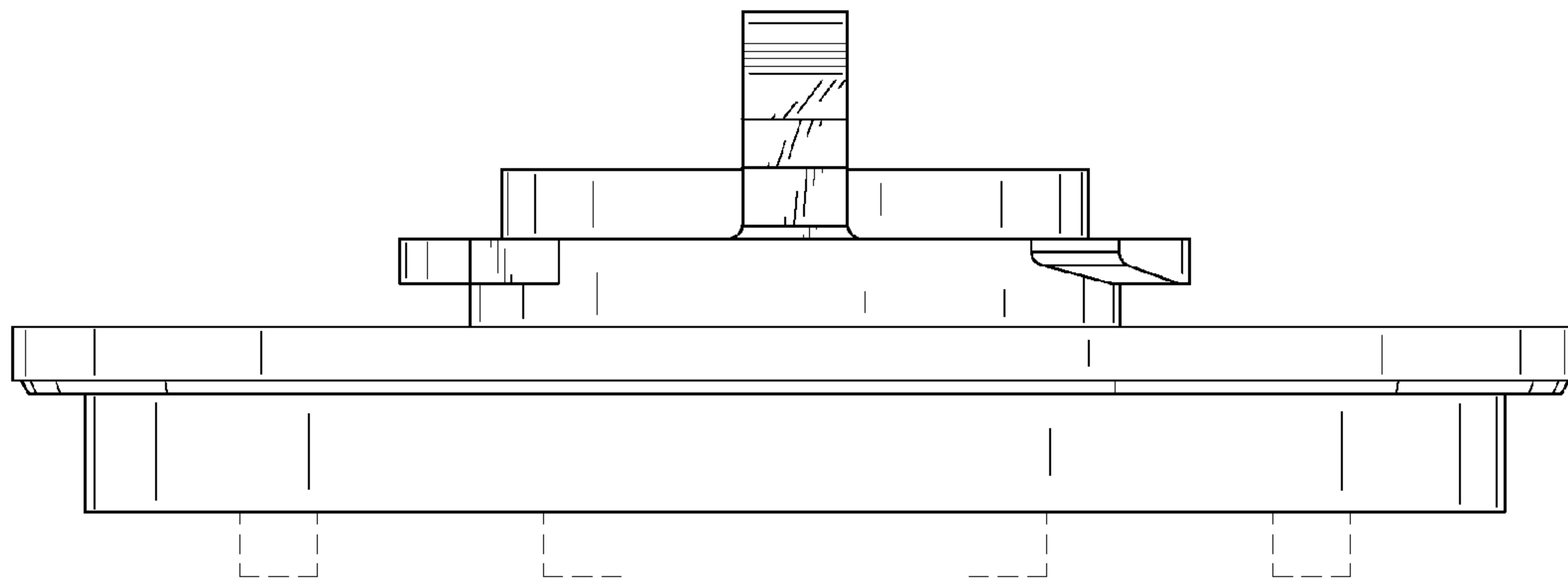


FIG. 4

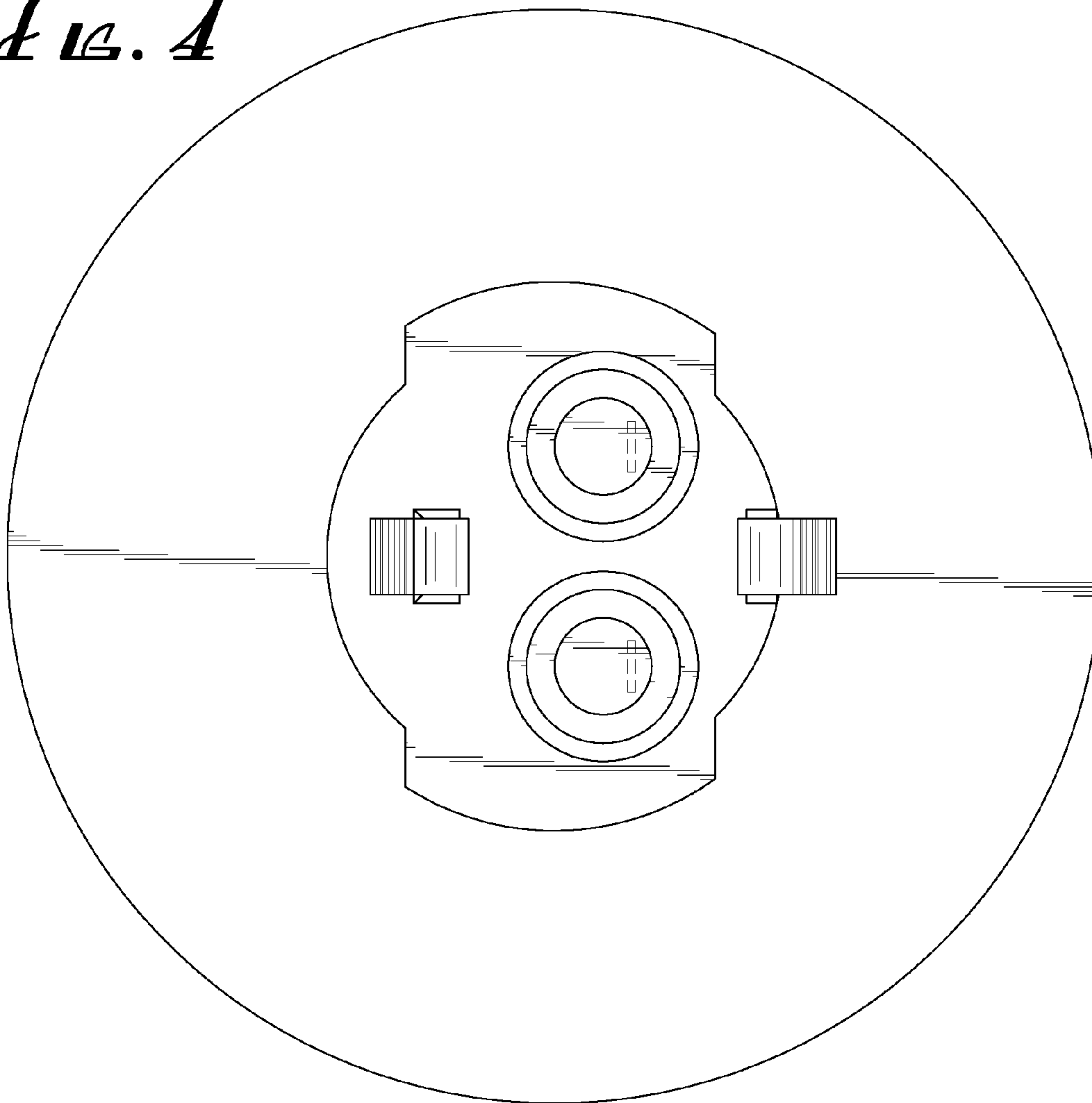


FIG. 5

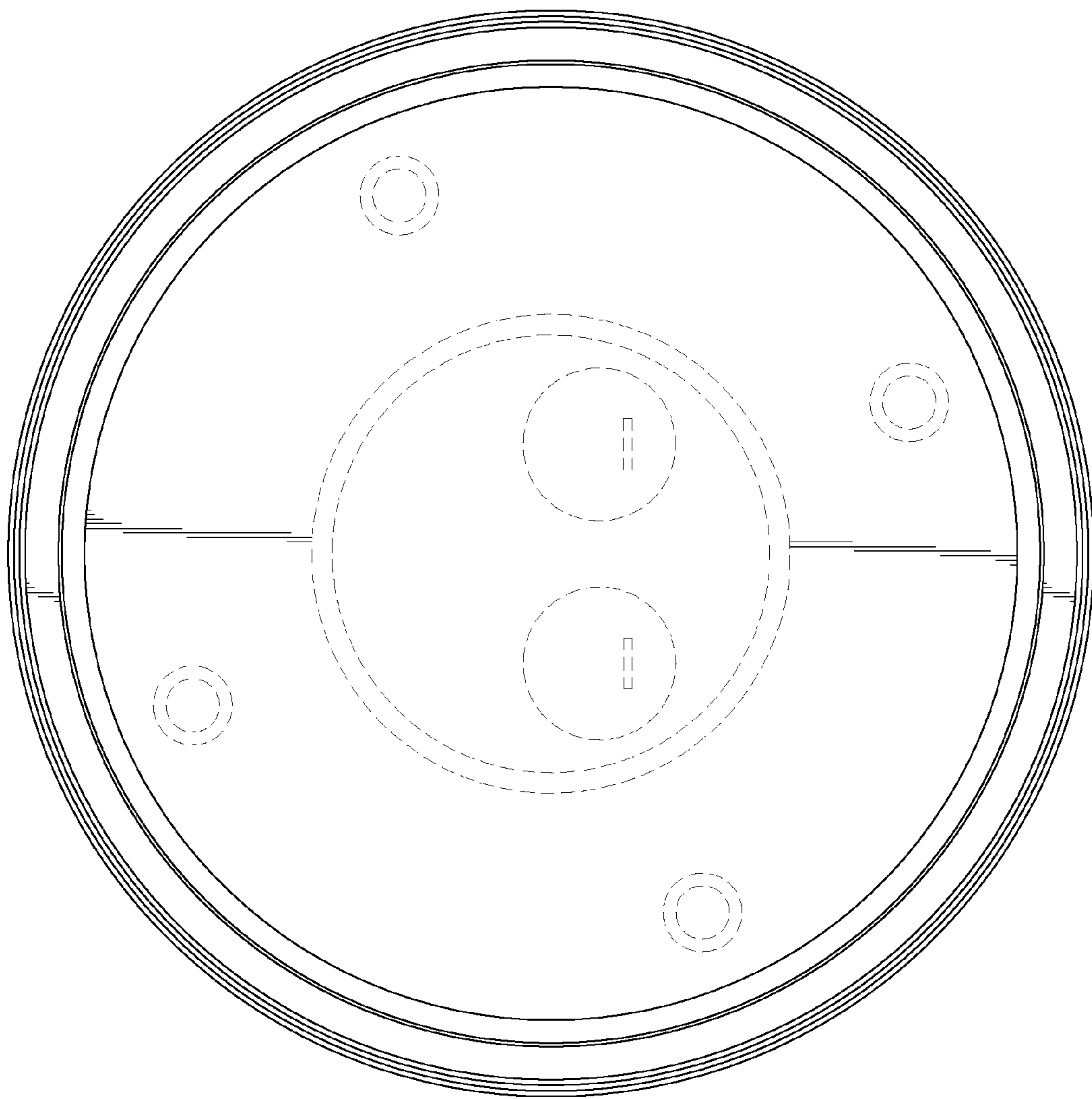


FIG. 6

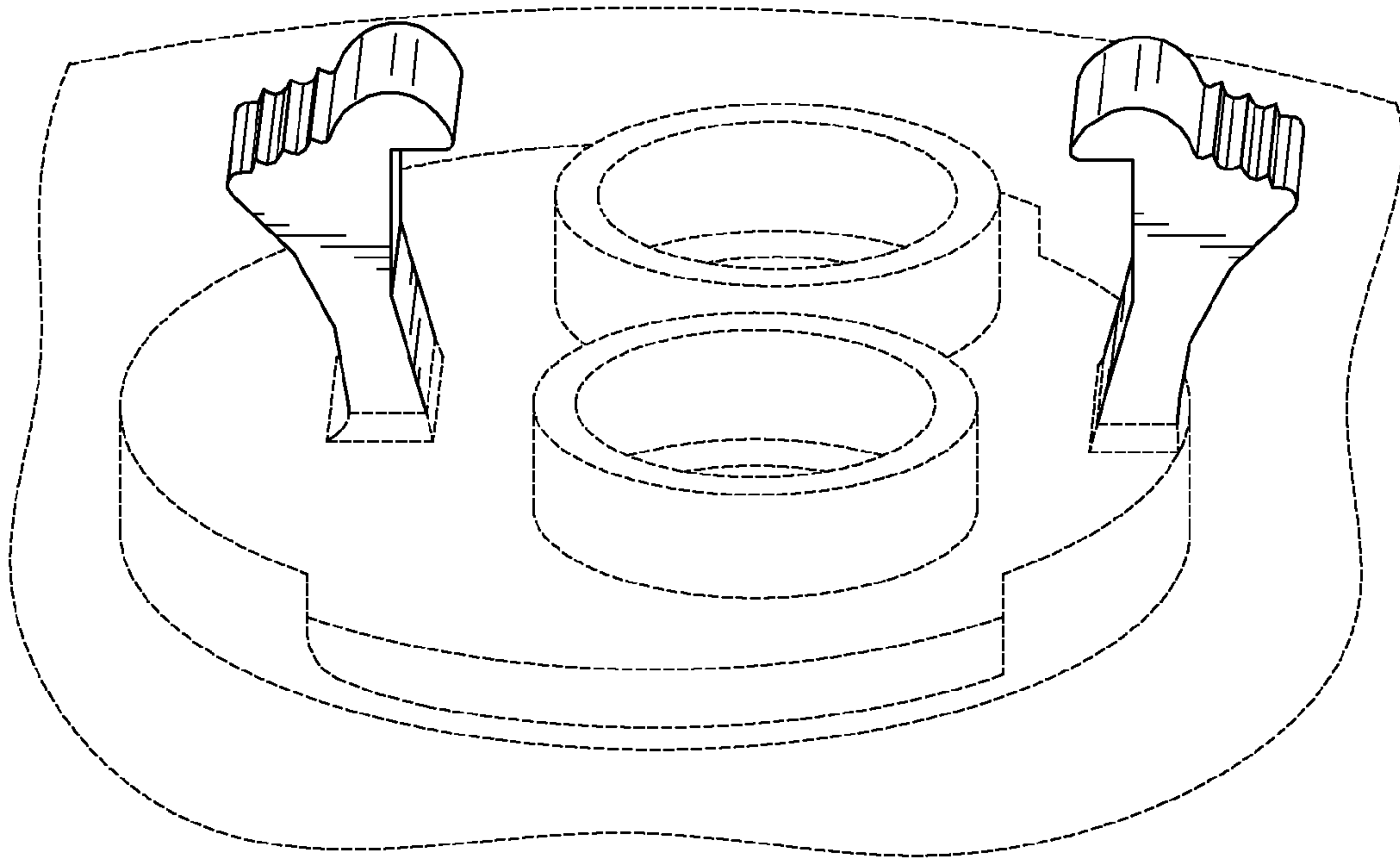


Fig. 7

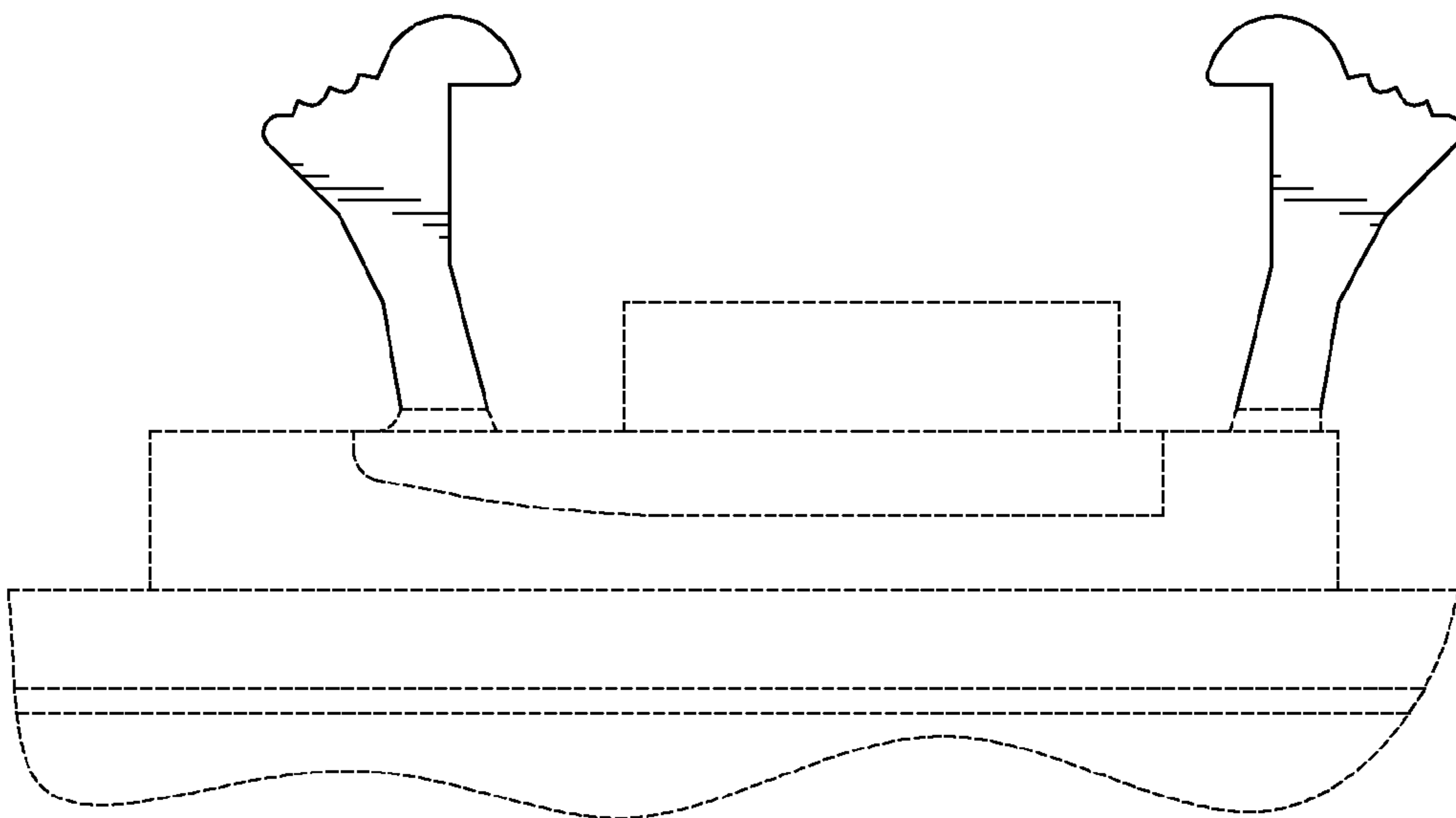


Fig. 8

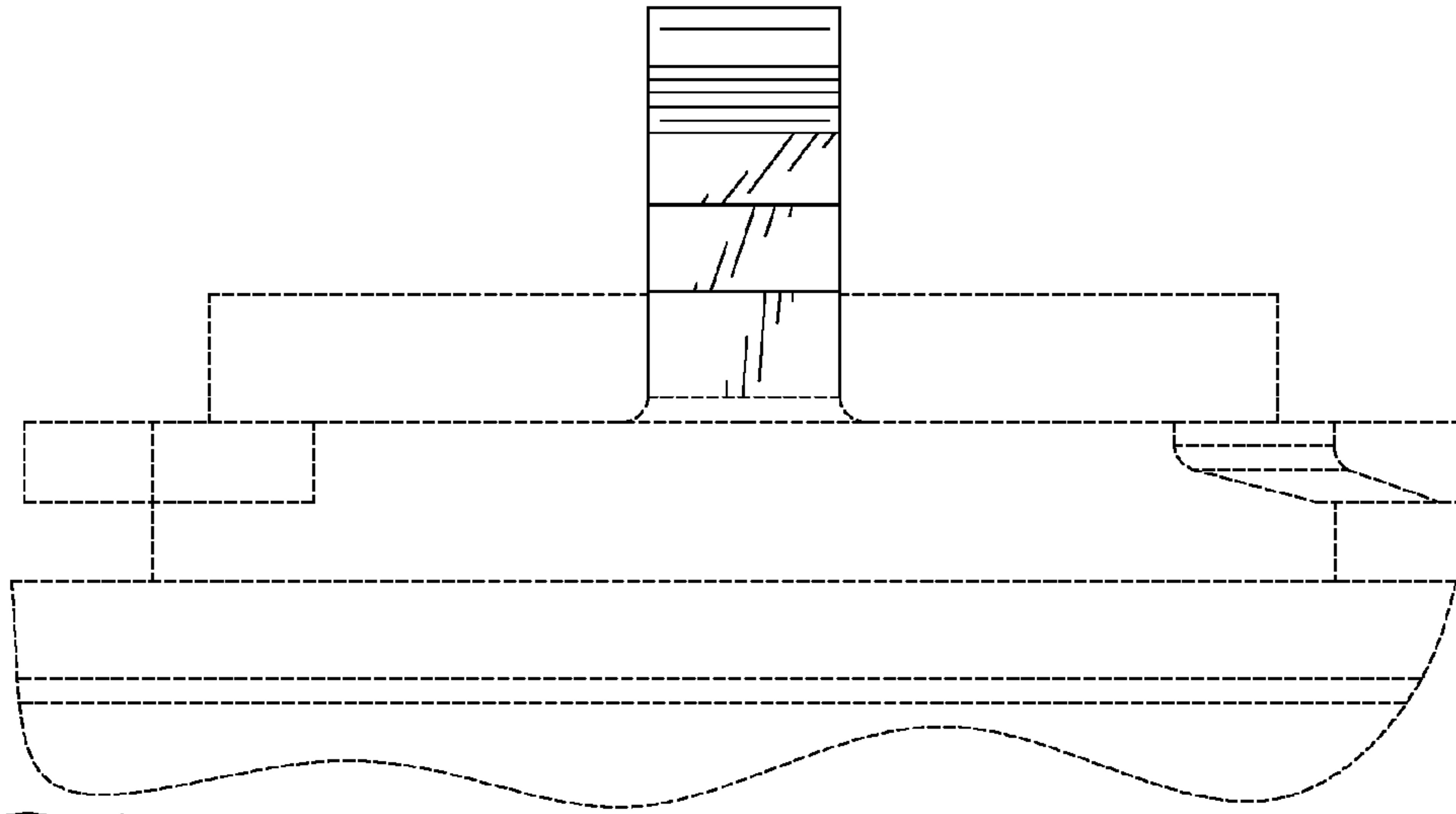


Fig. 9

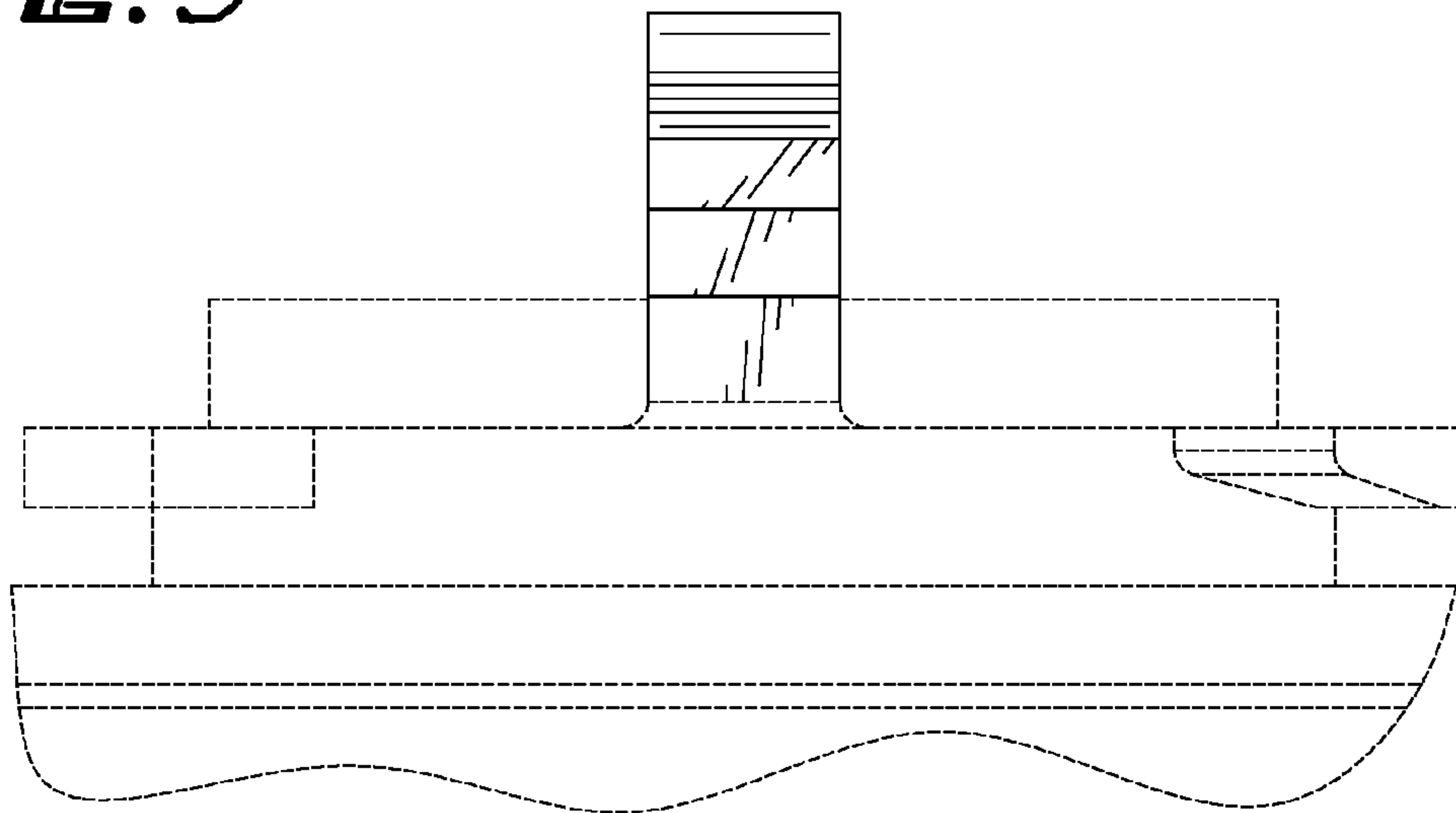


Fig. 10

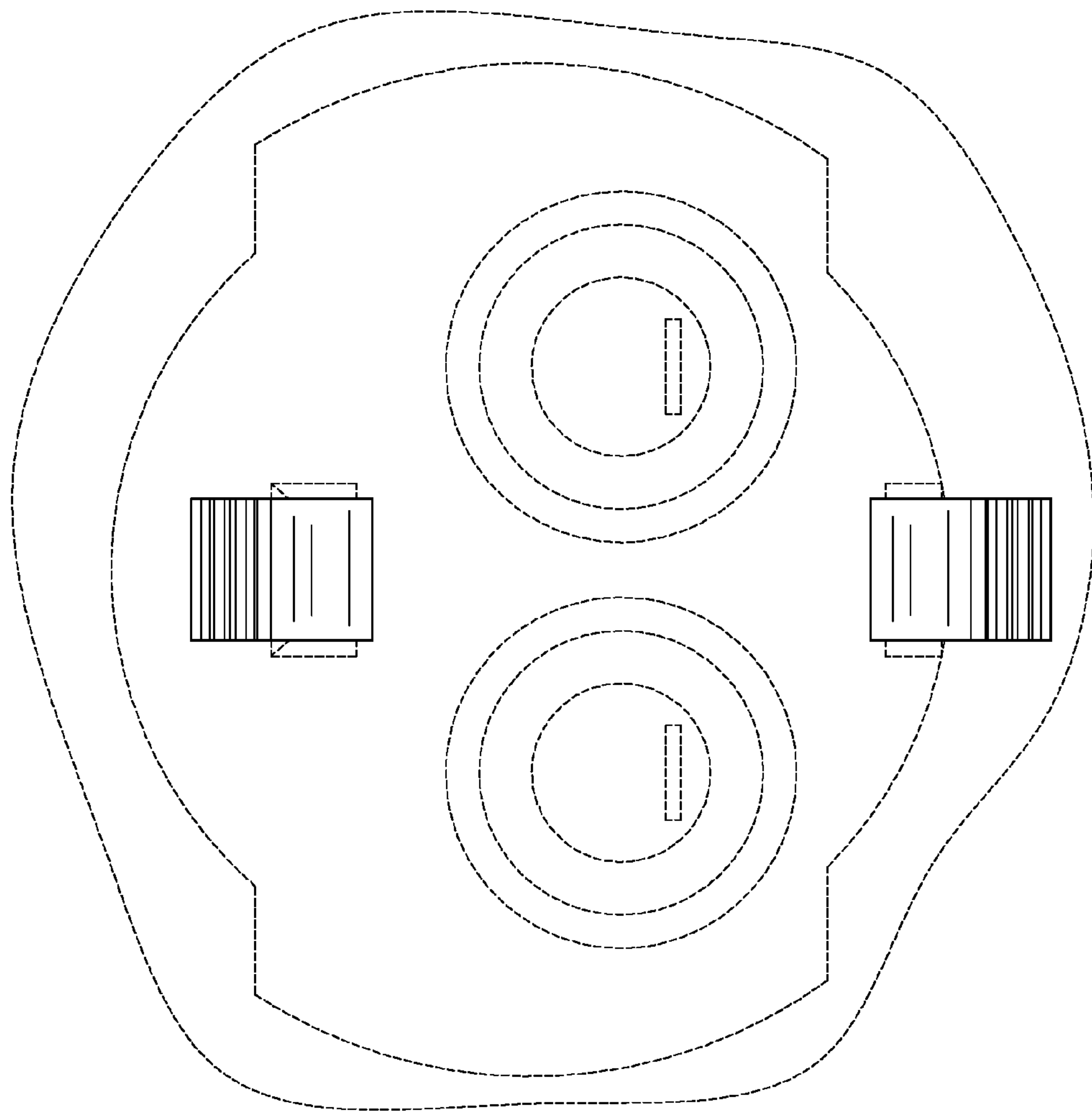


FIG. 11

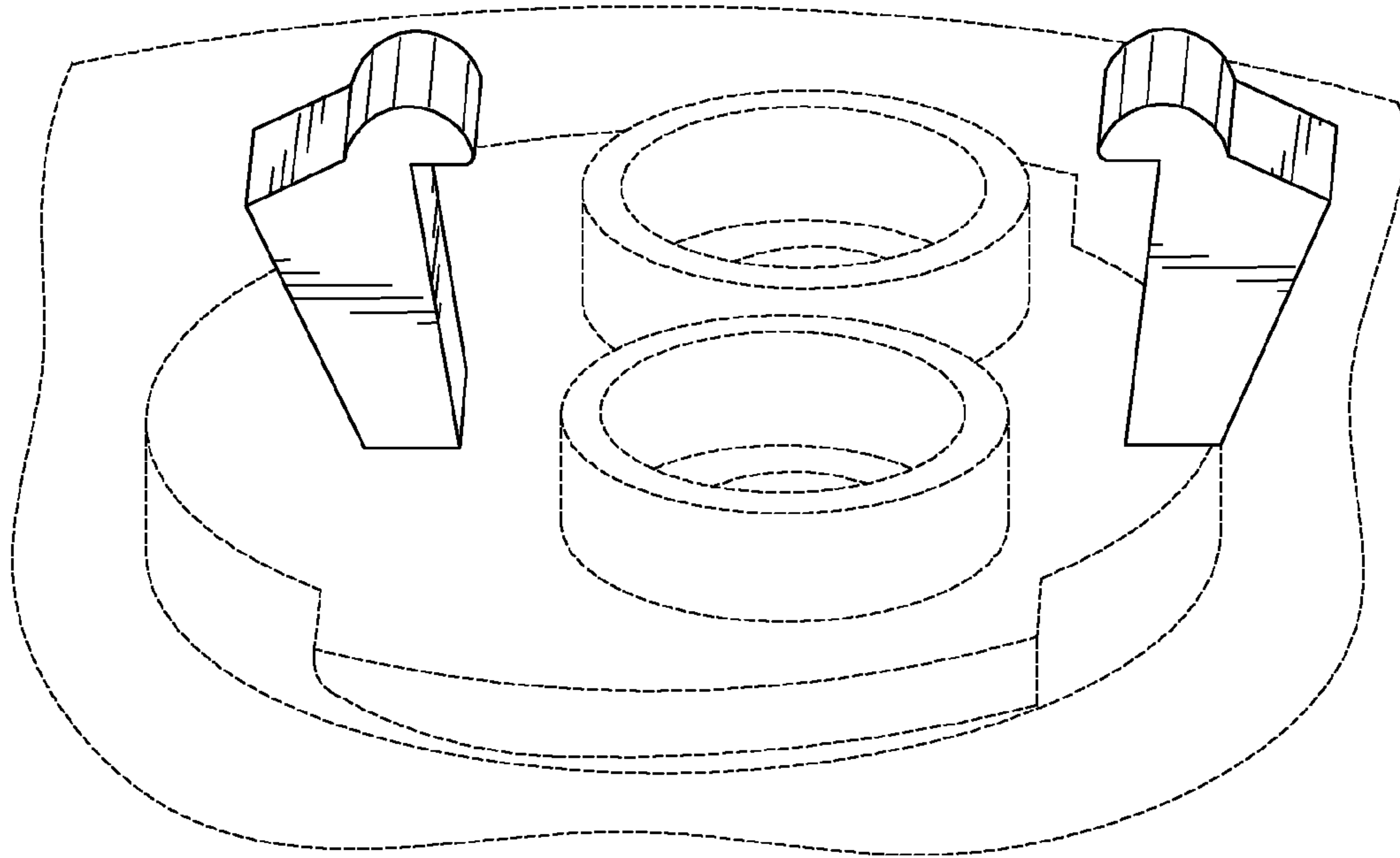


FIG. 12

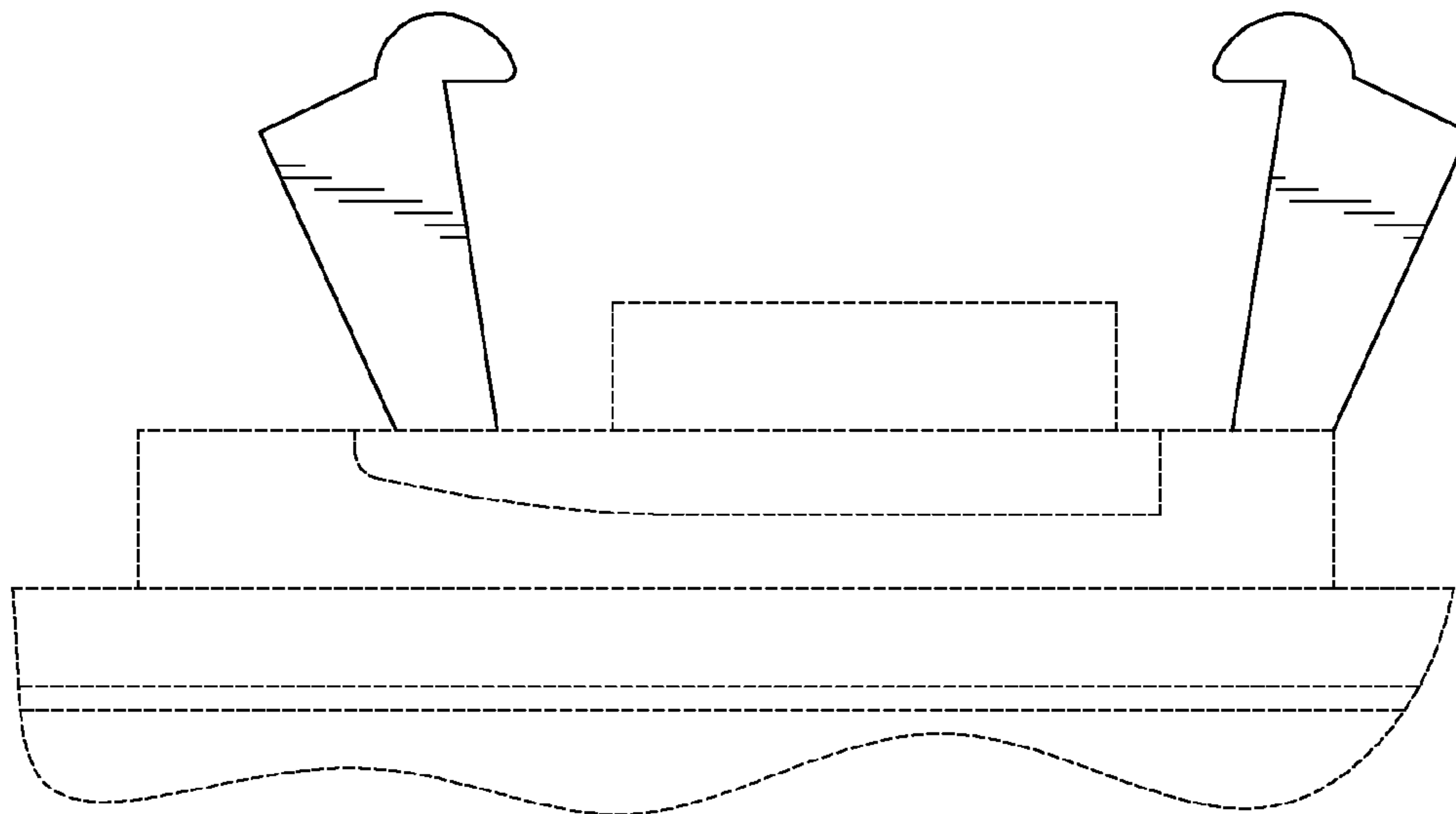


FIG. 13

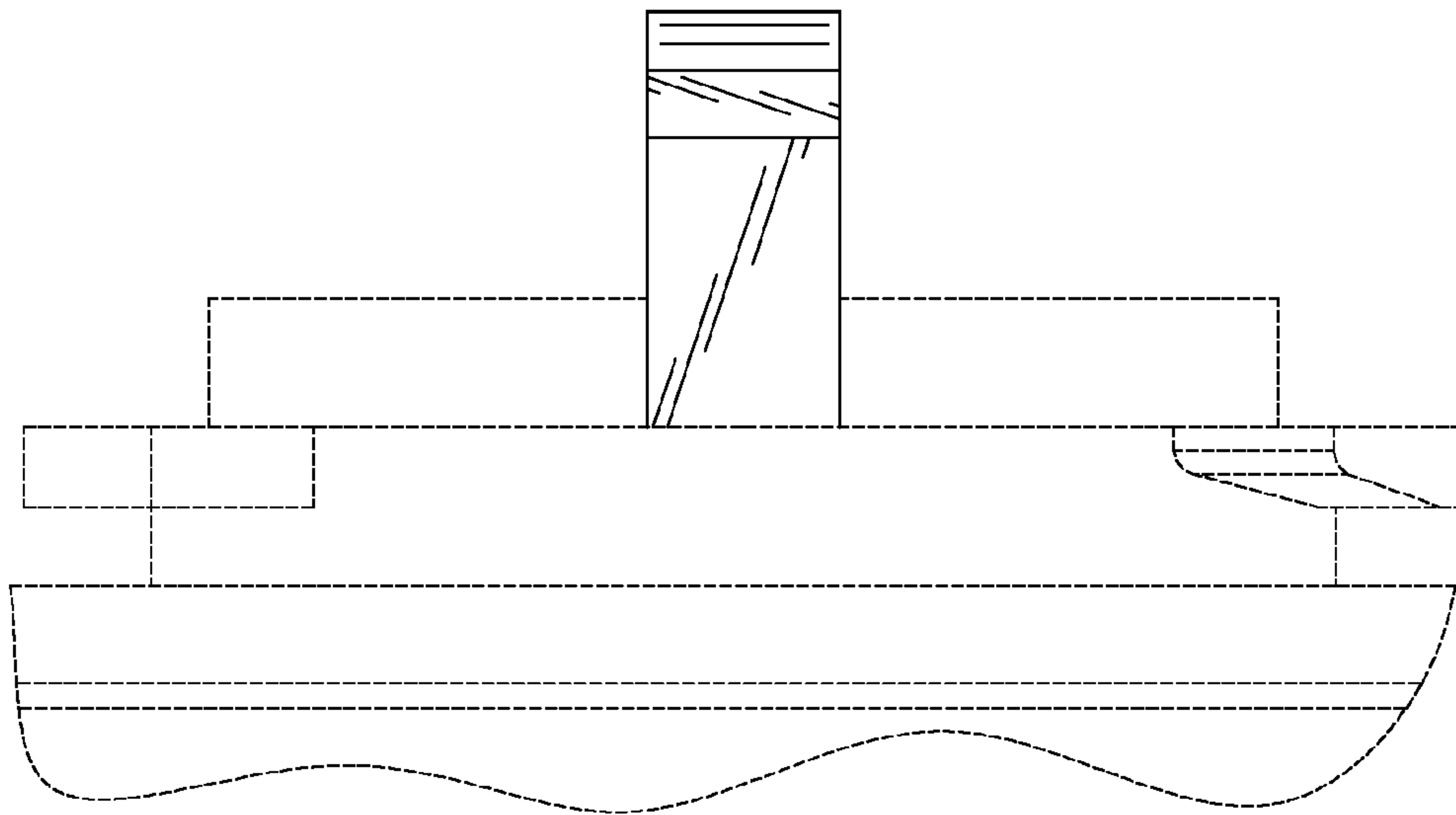


FIG. 14

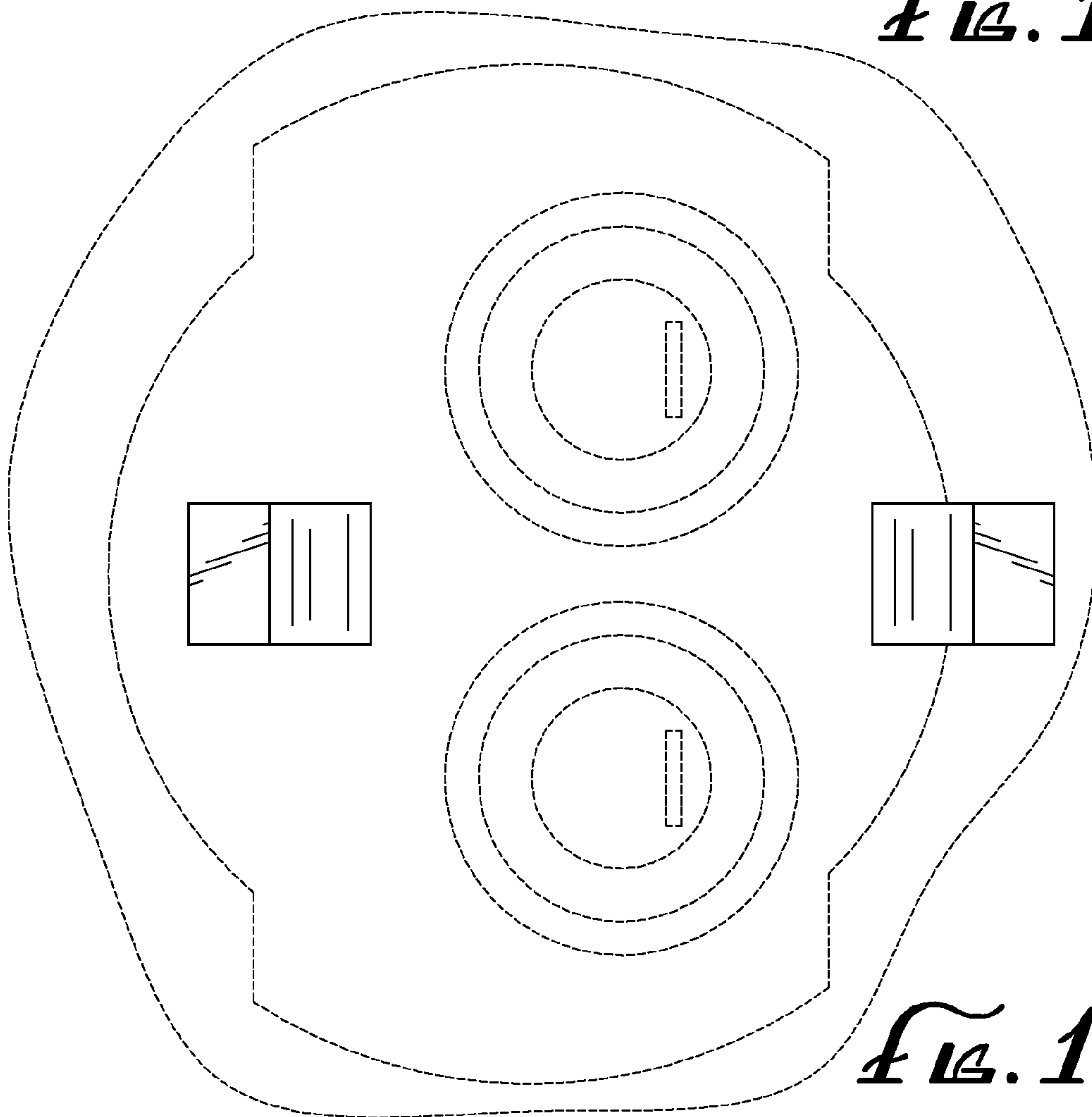


FIG. 15

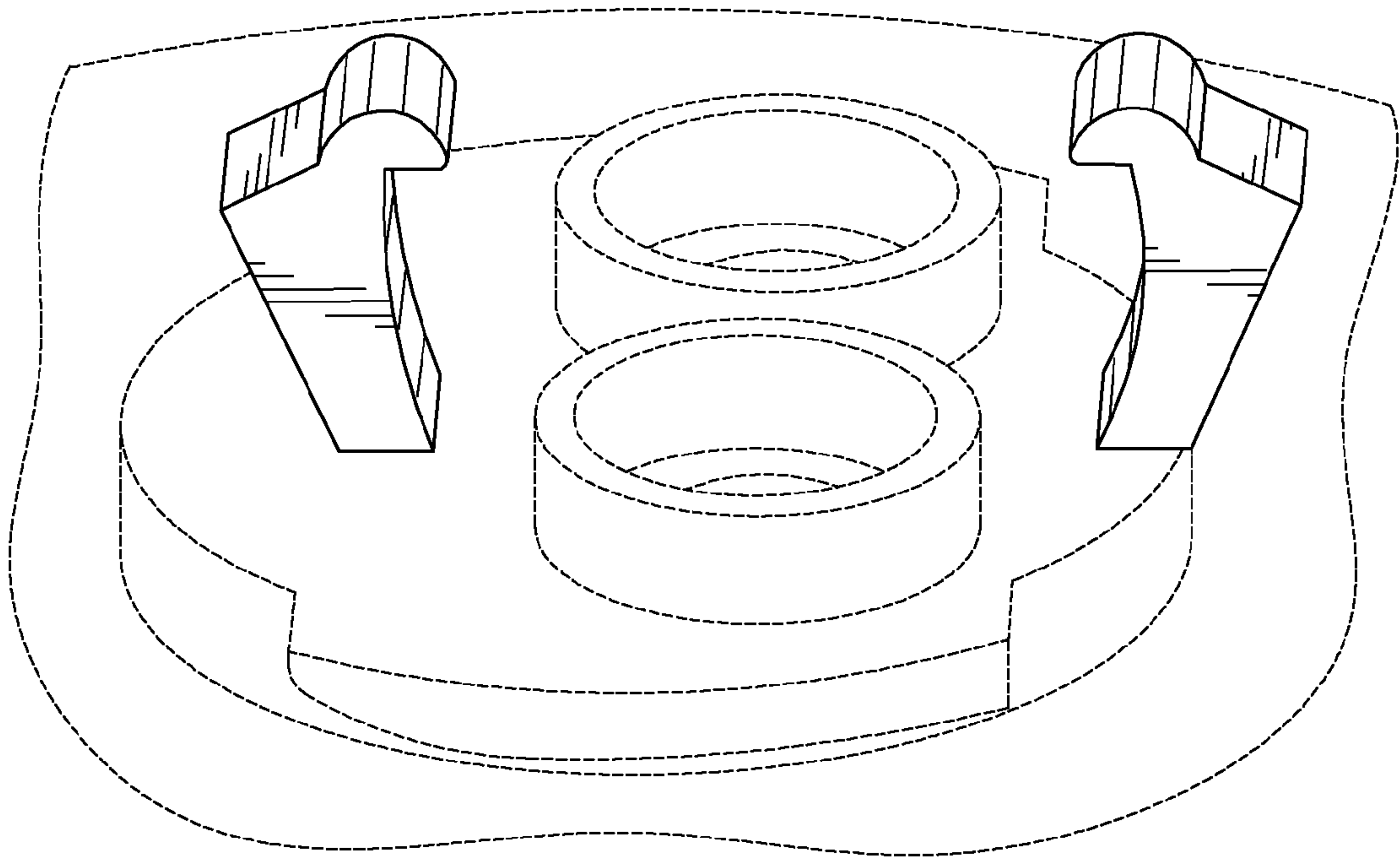


FIG. 16

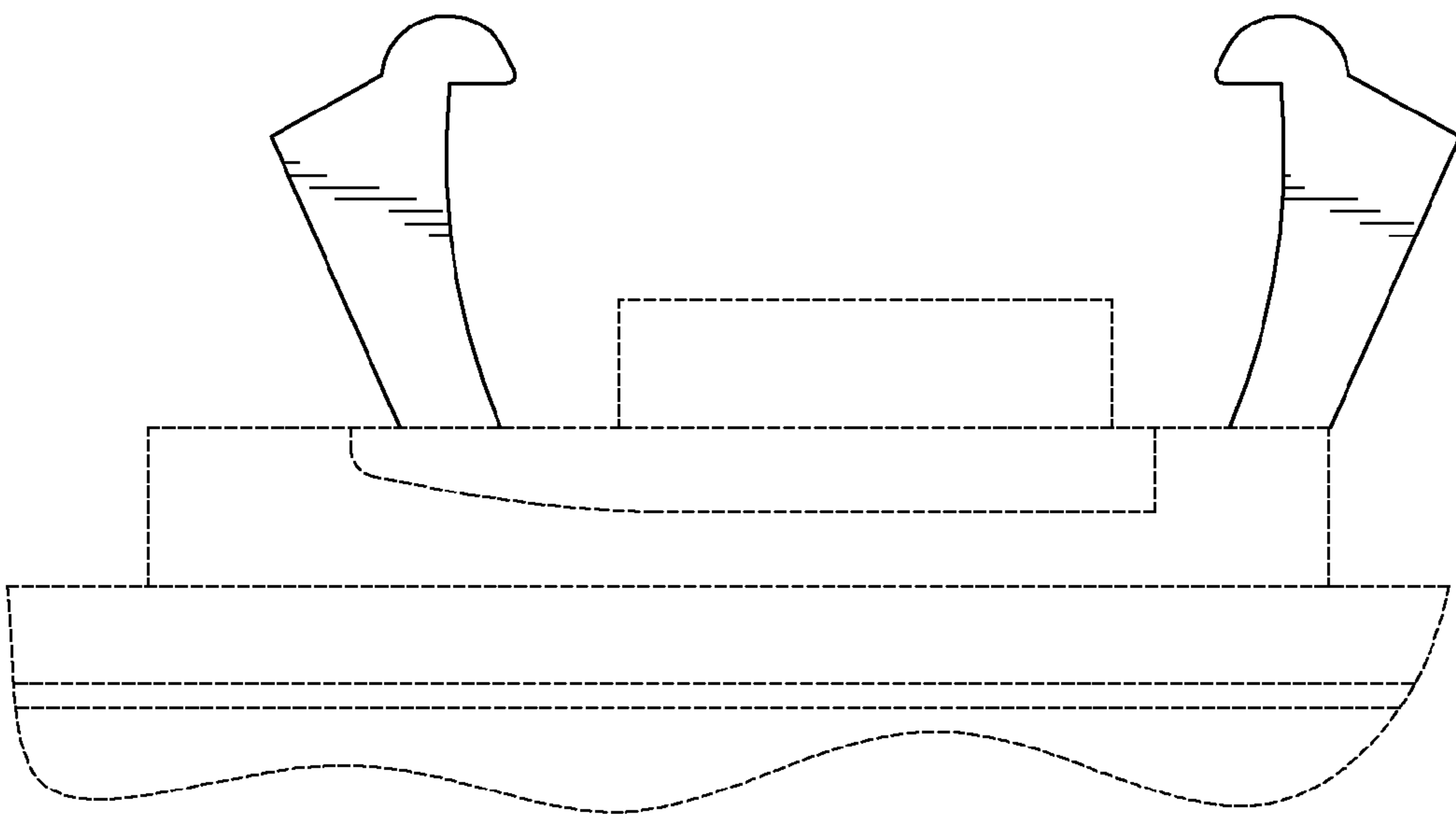


FIG. 17

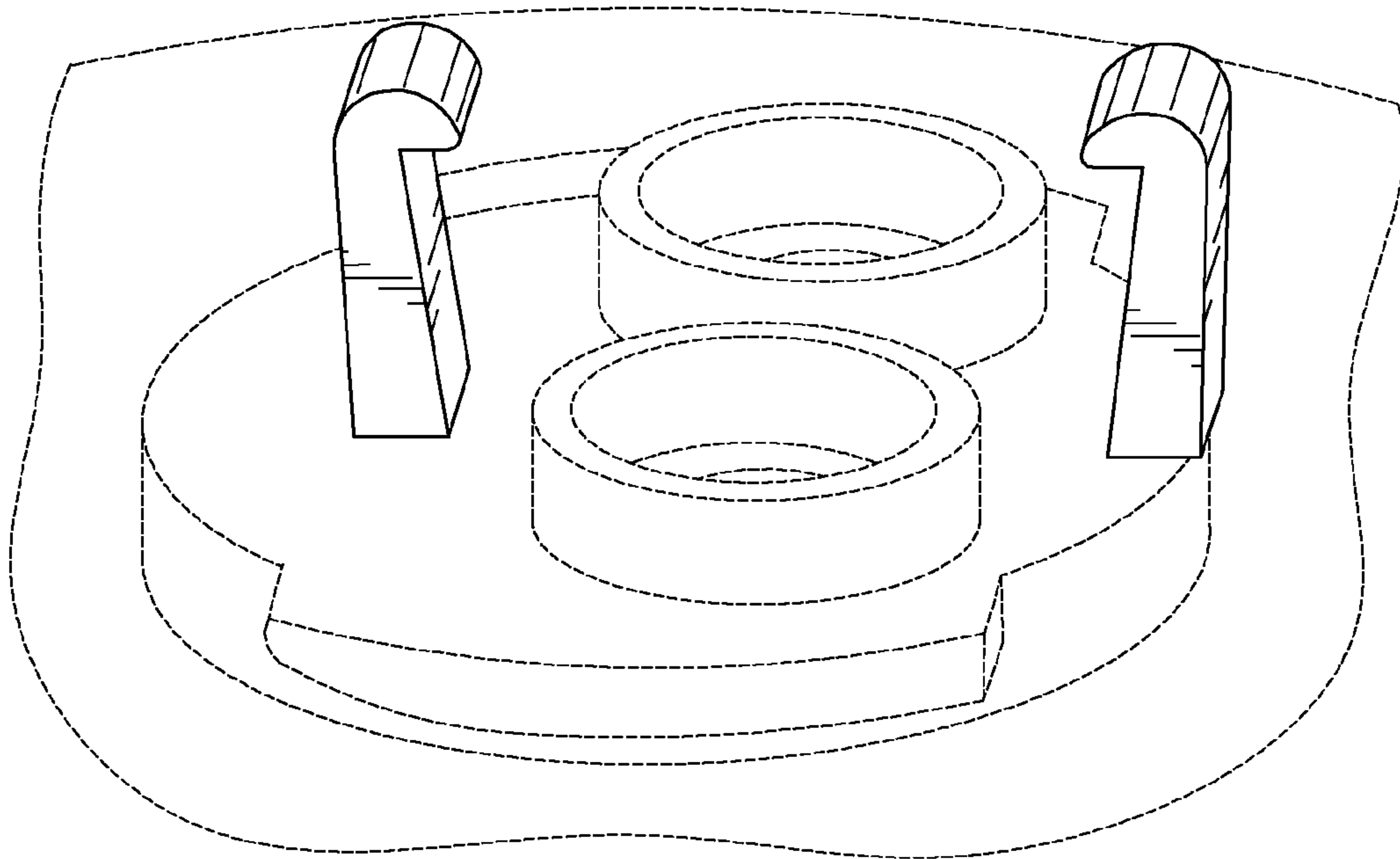


Fig. 18

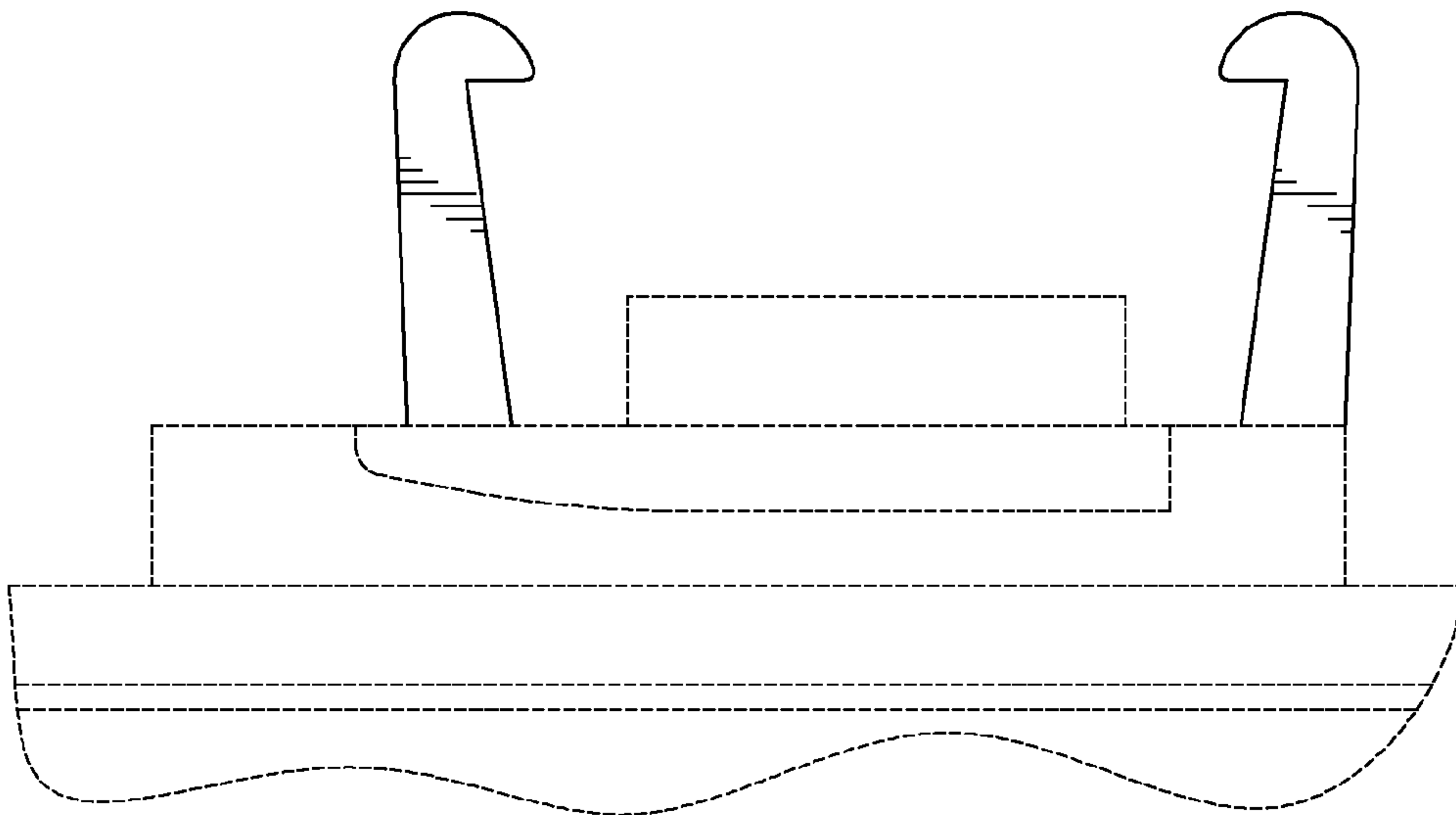


Fig. 19

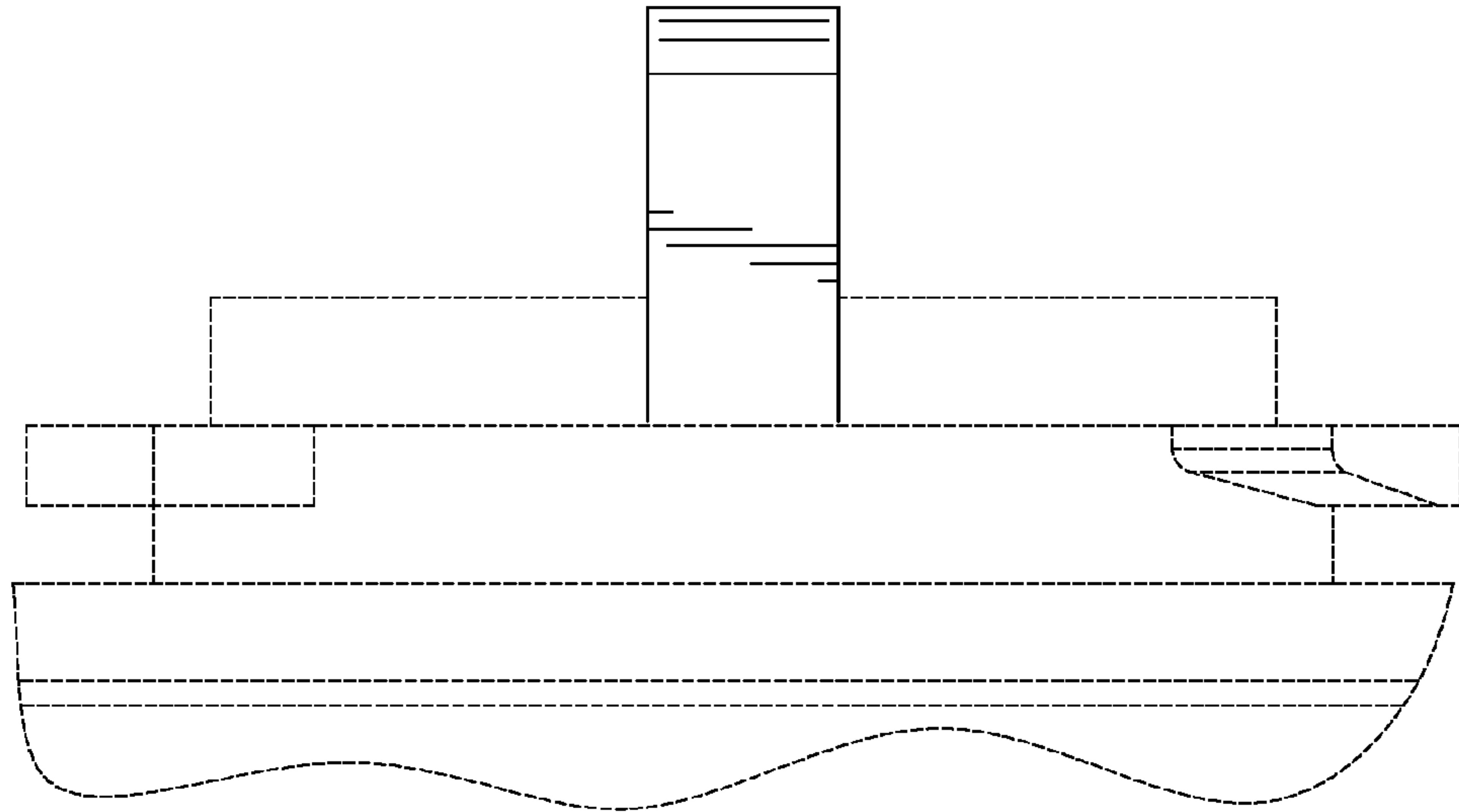


FIG. 20

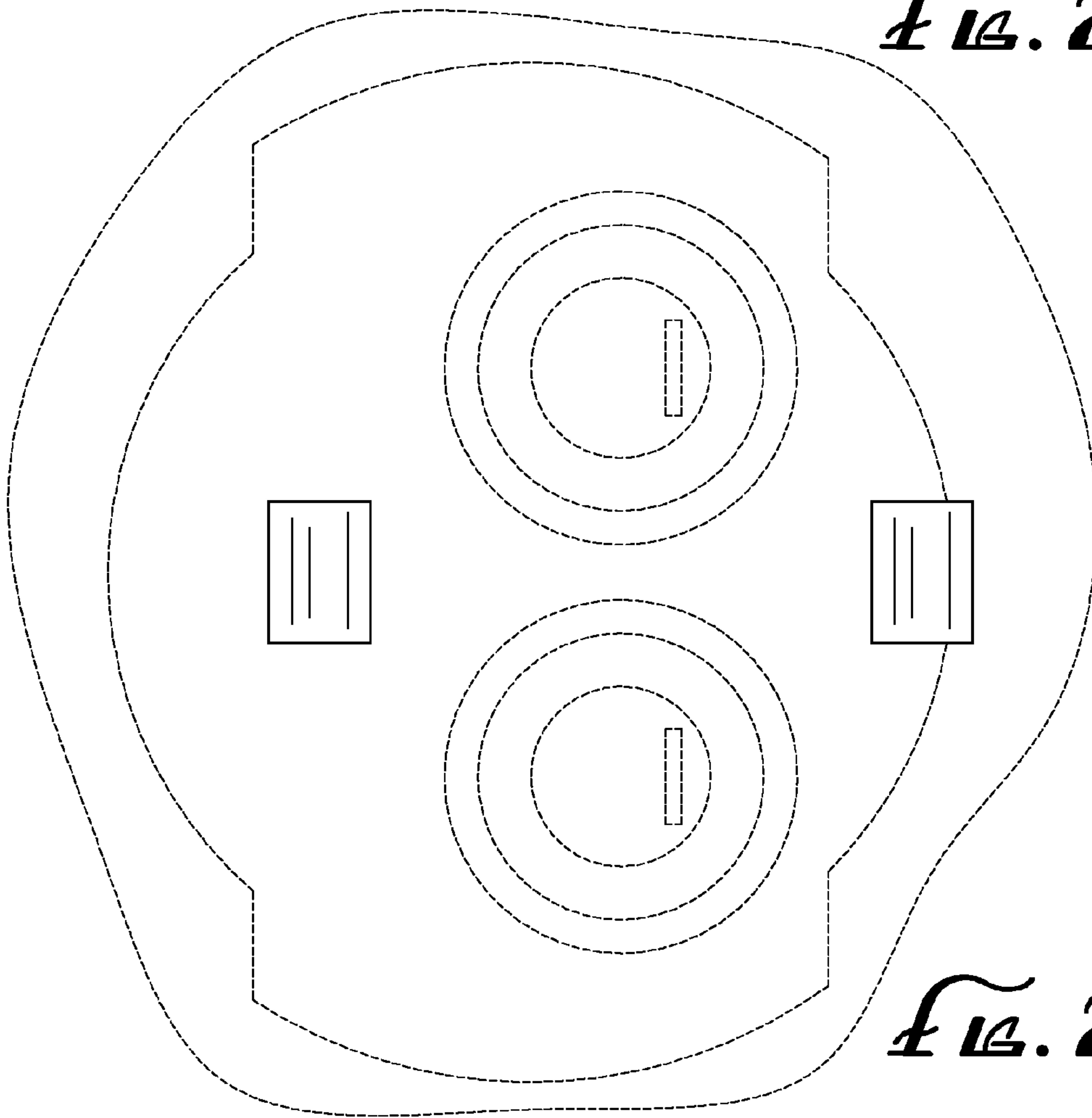


FIG. 21

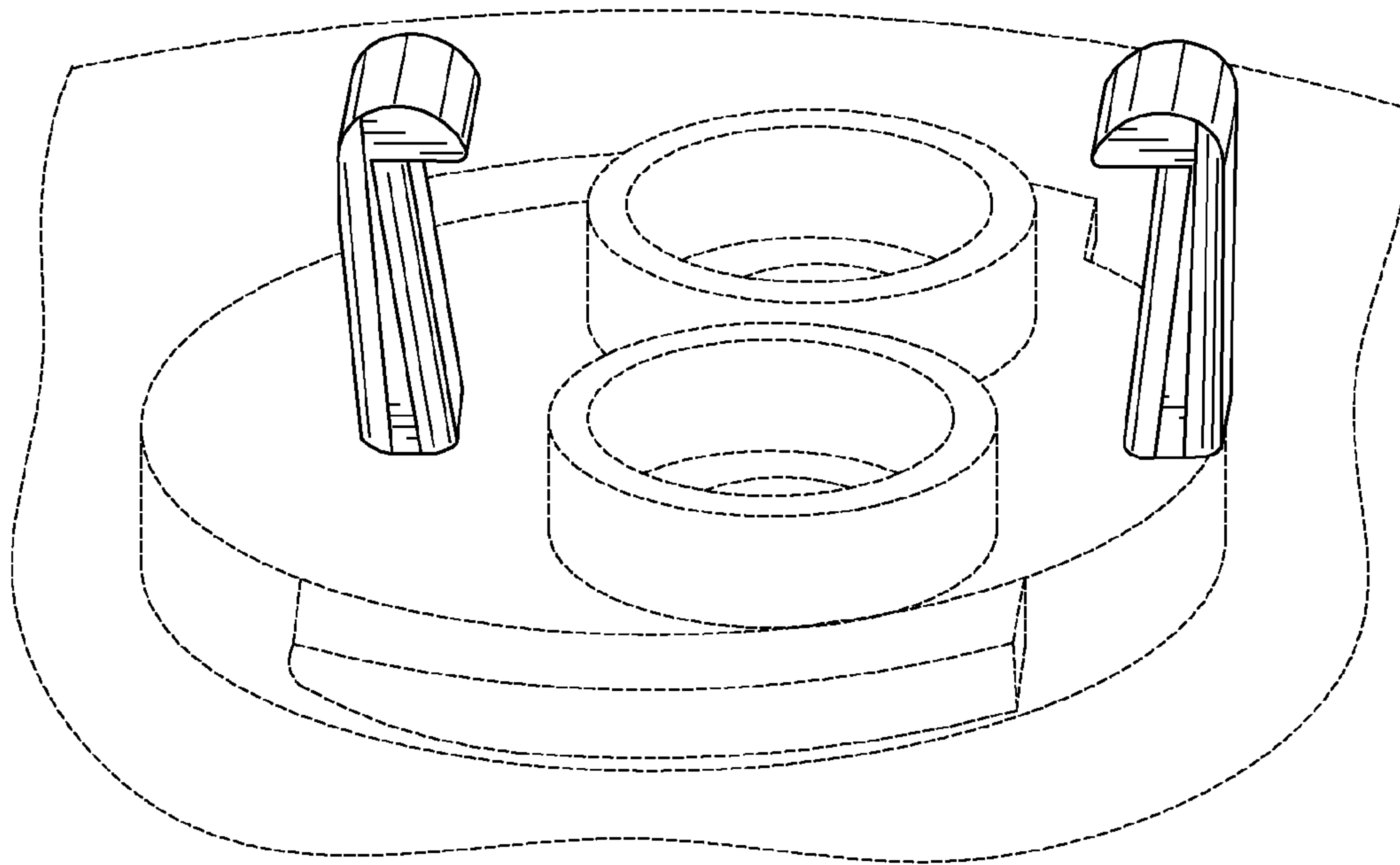


Fig. 22

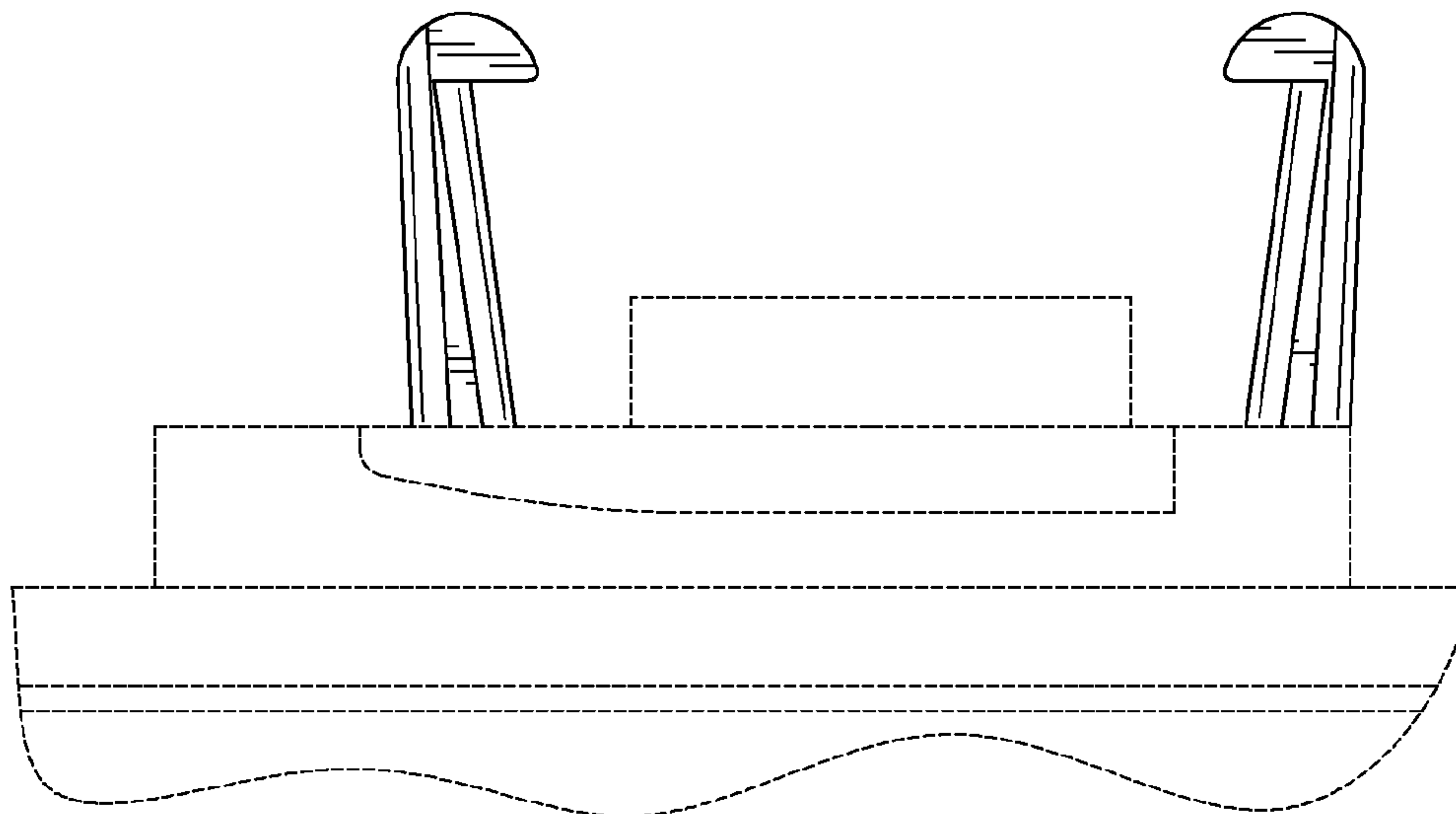


Fig. 23

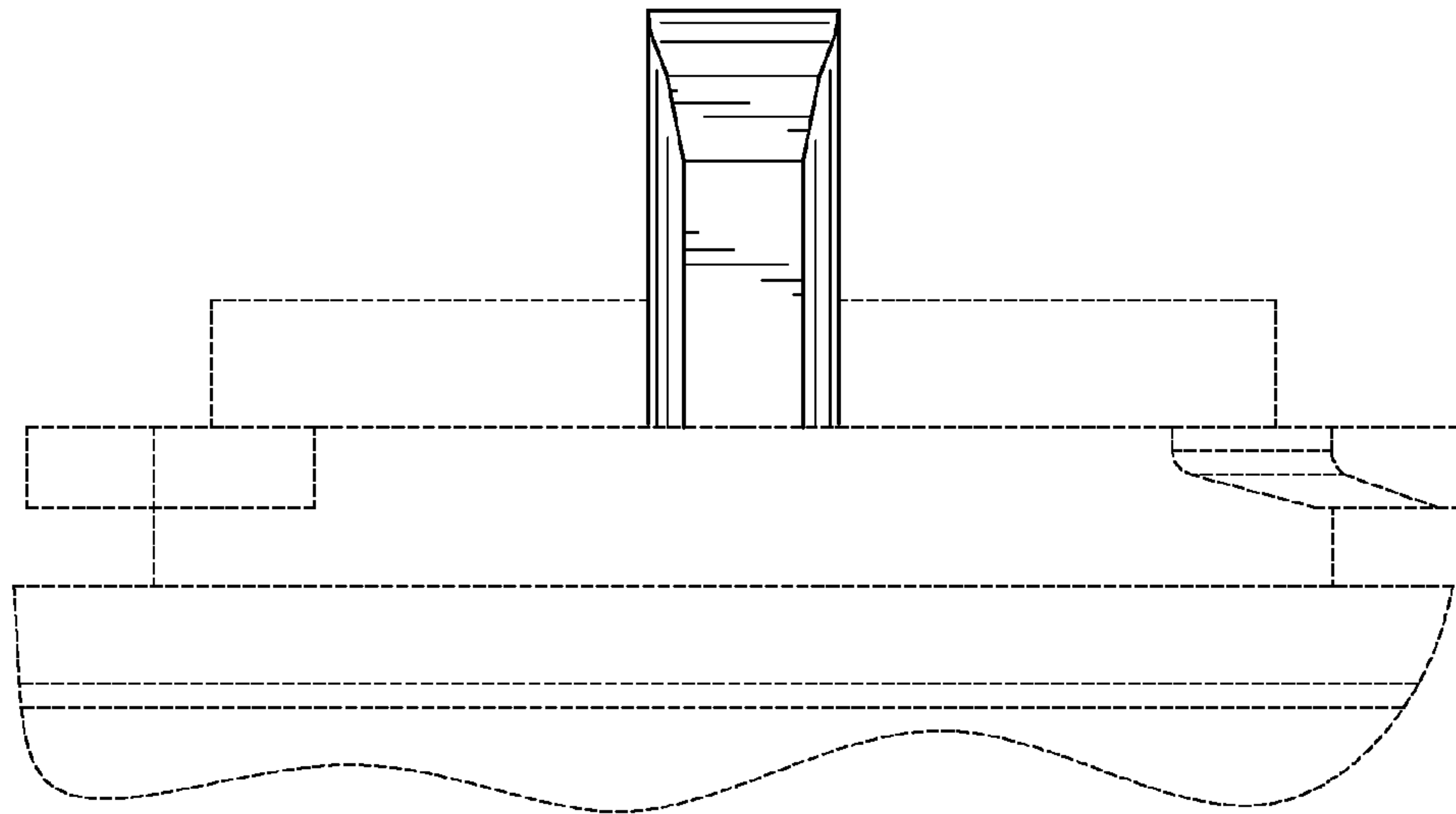


FIG. 24

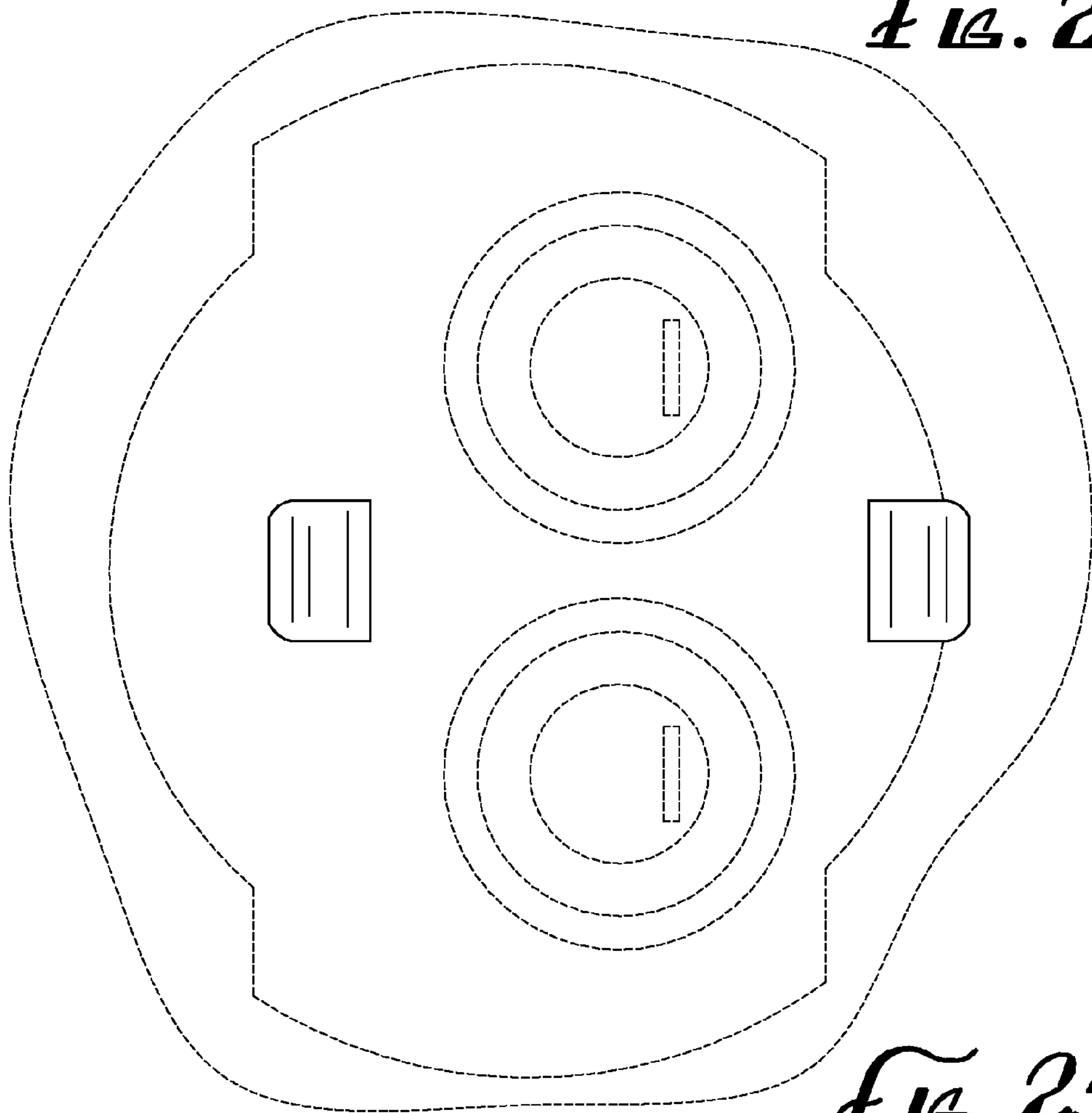


FIG. 25

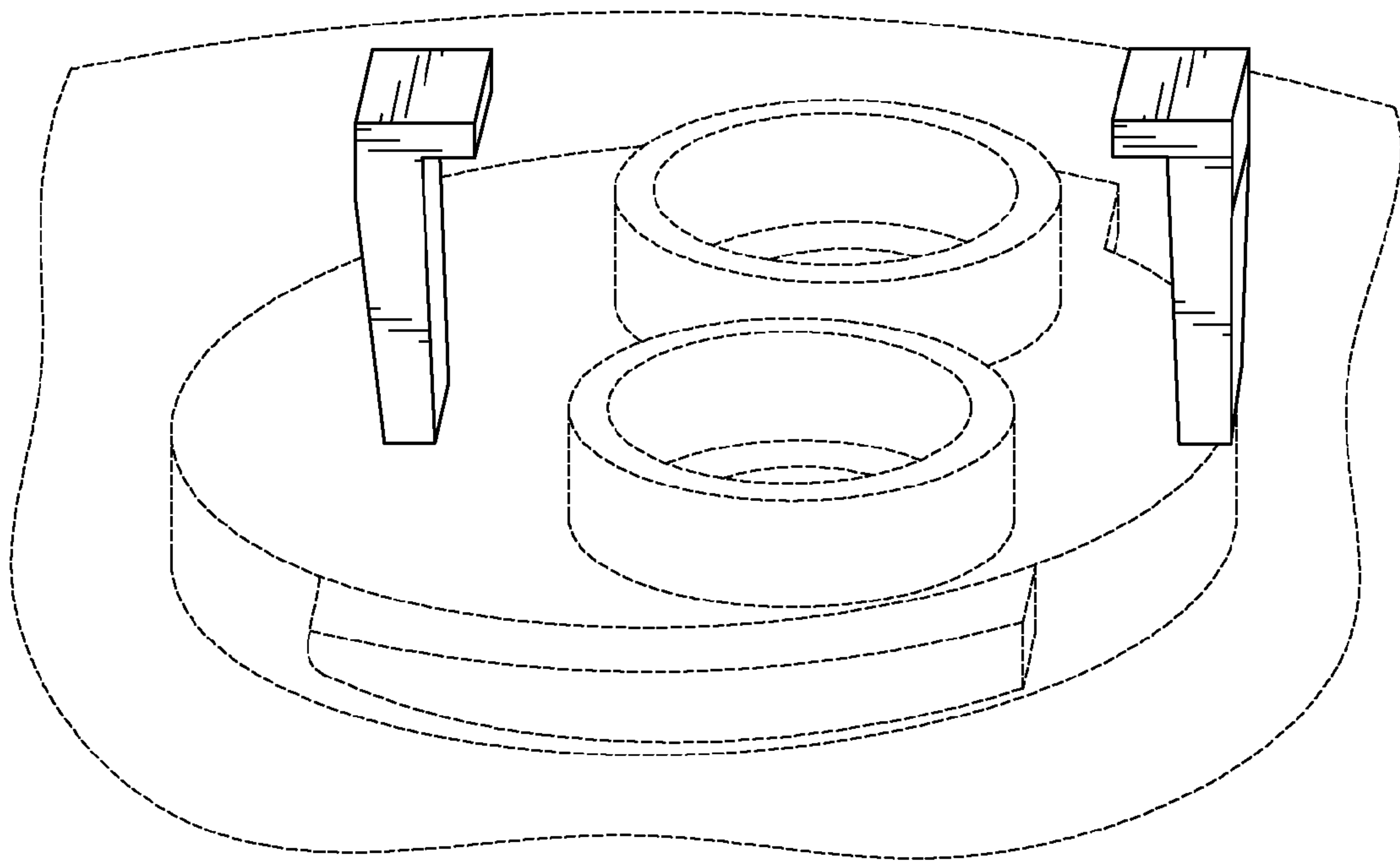


FIG. 26

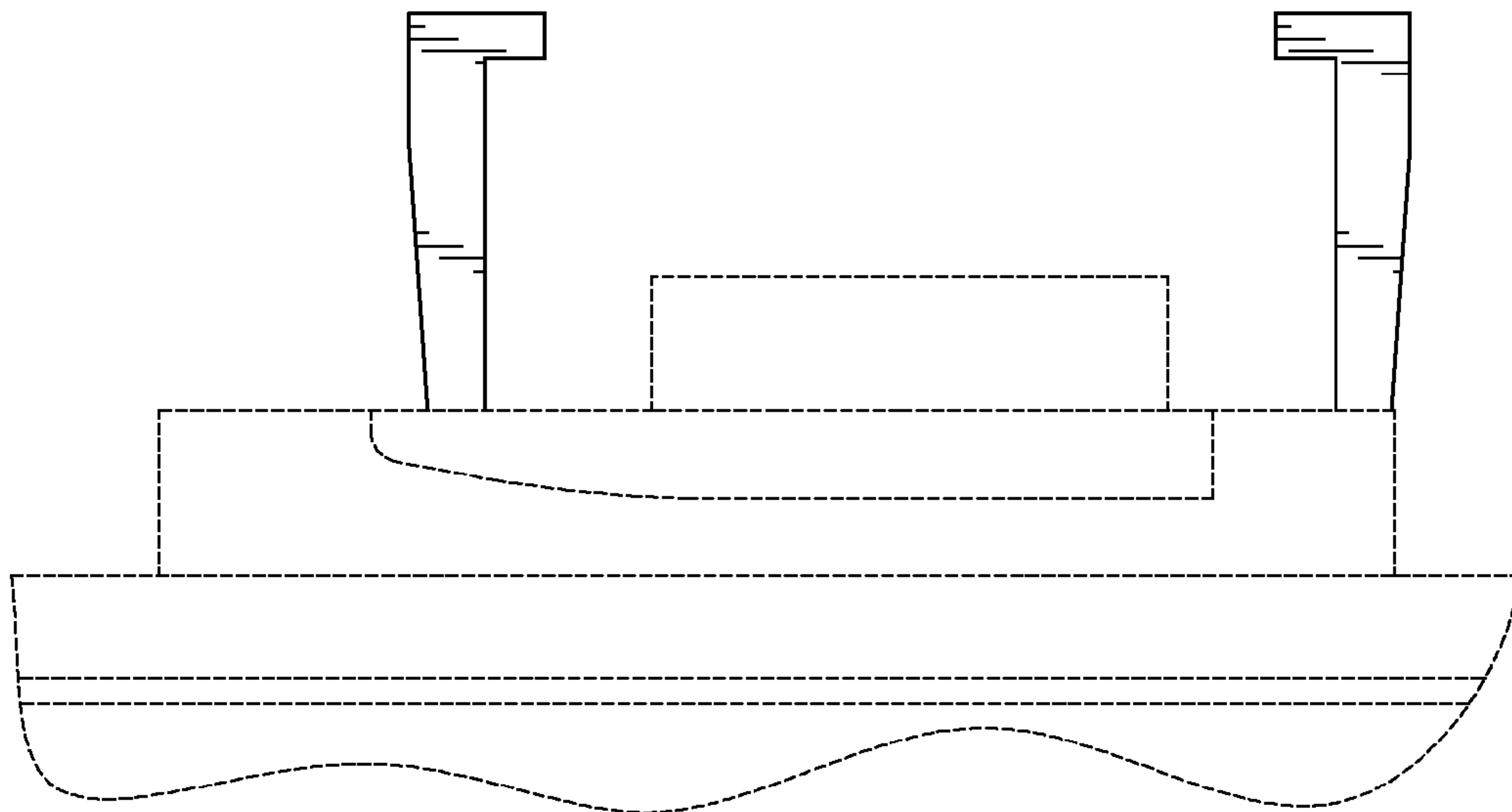


FIG. 27

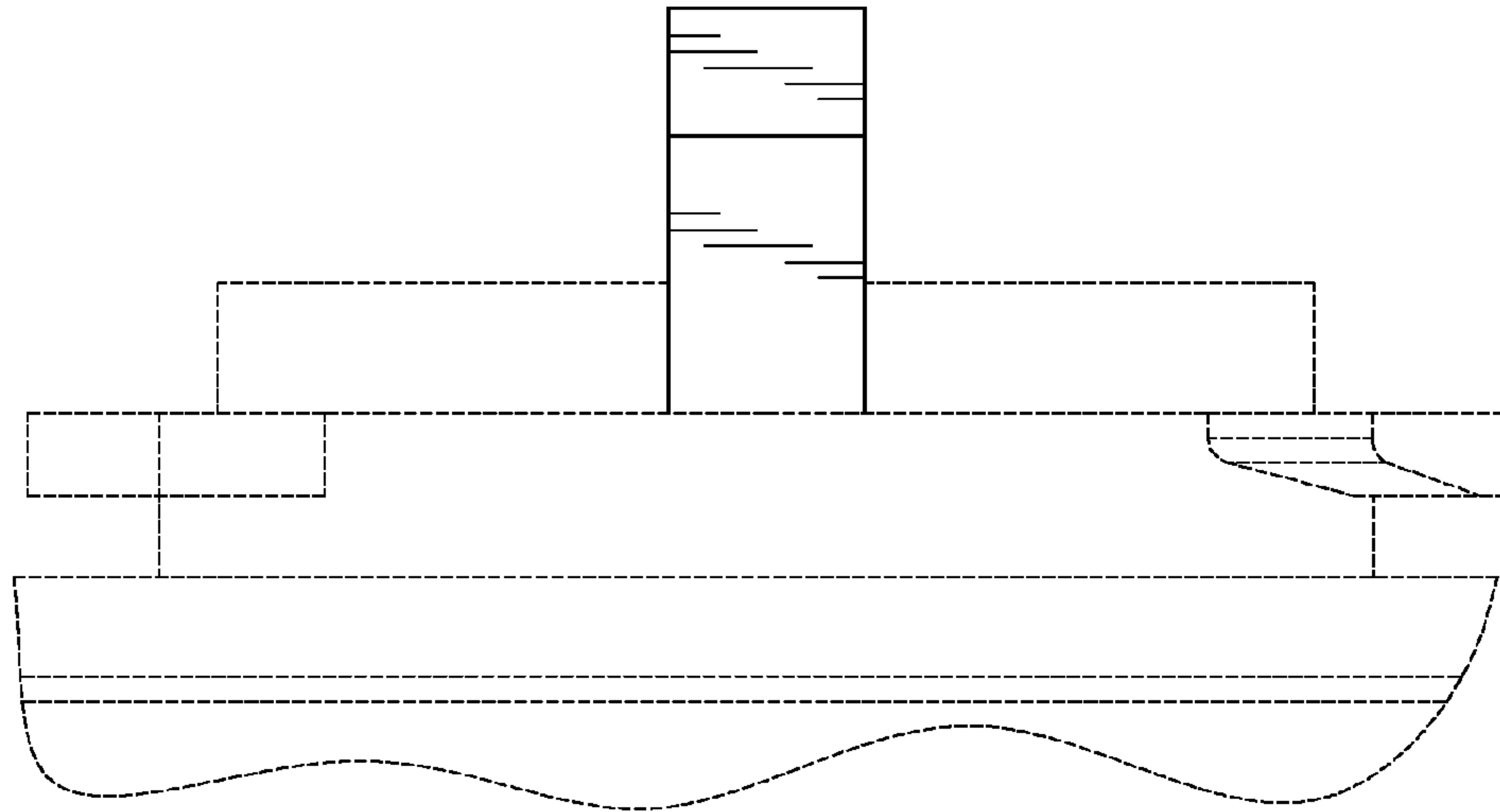


Fig. 28

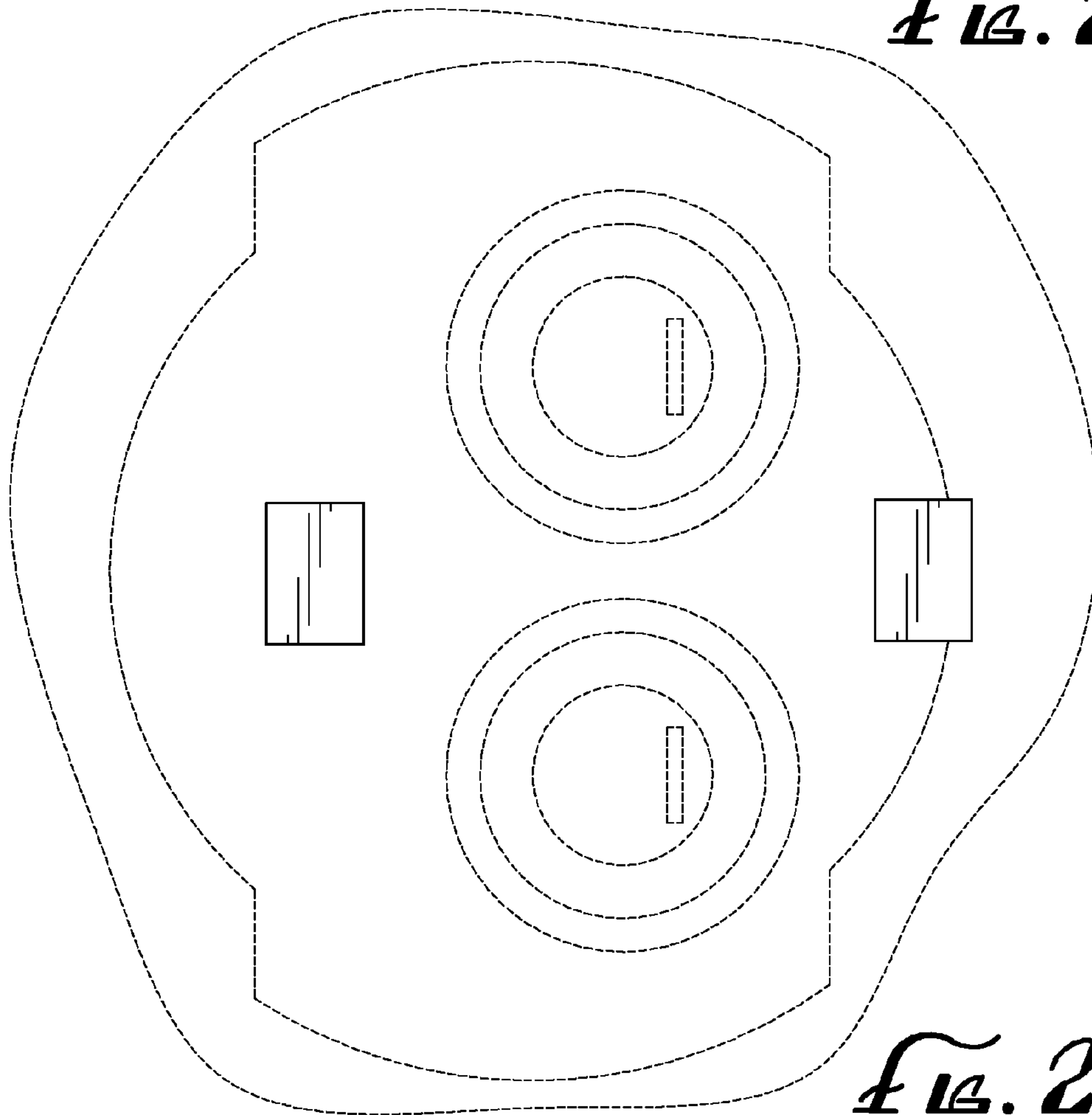


Fig. 29

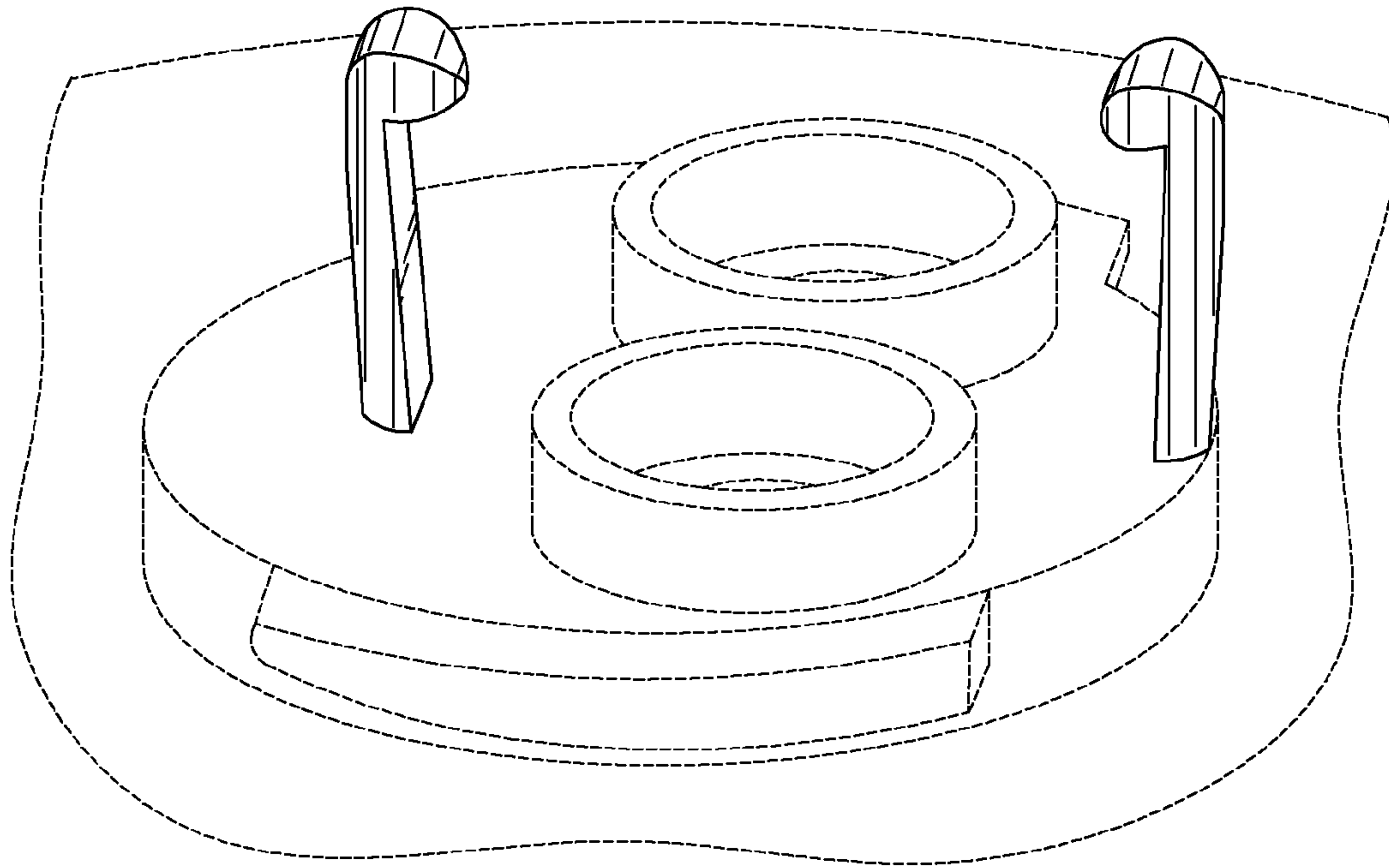


FIG. 30

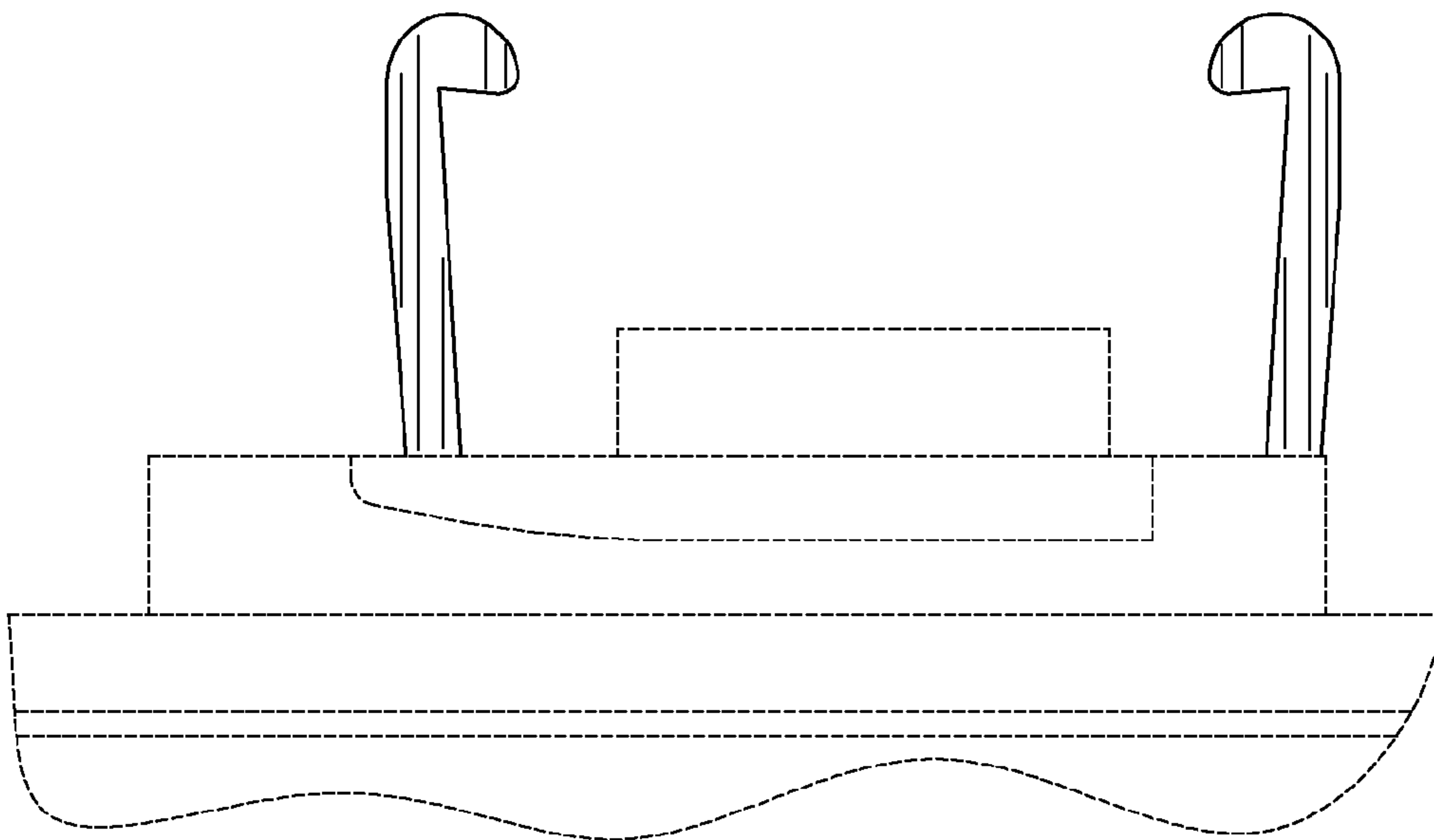


FIG. 31

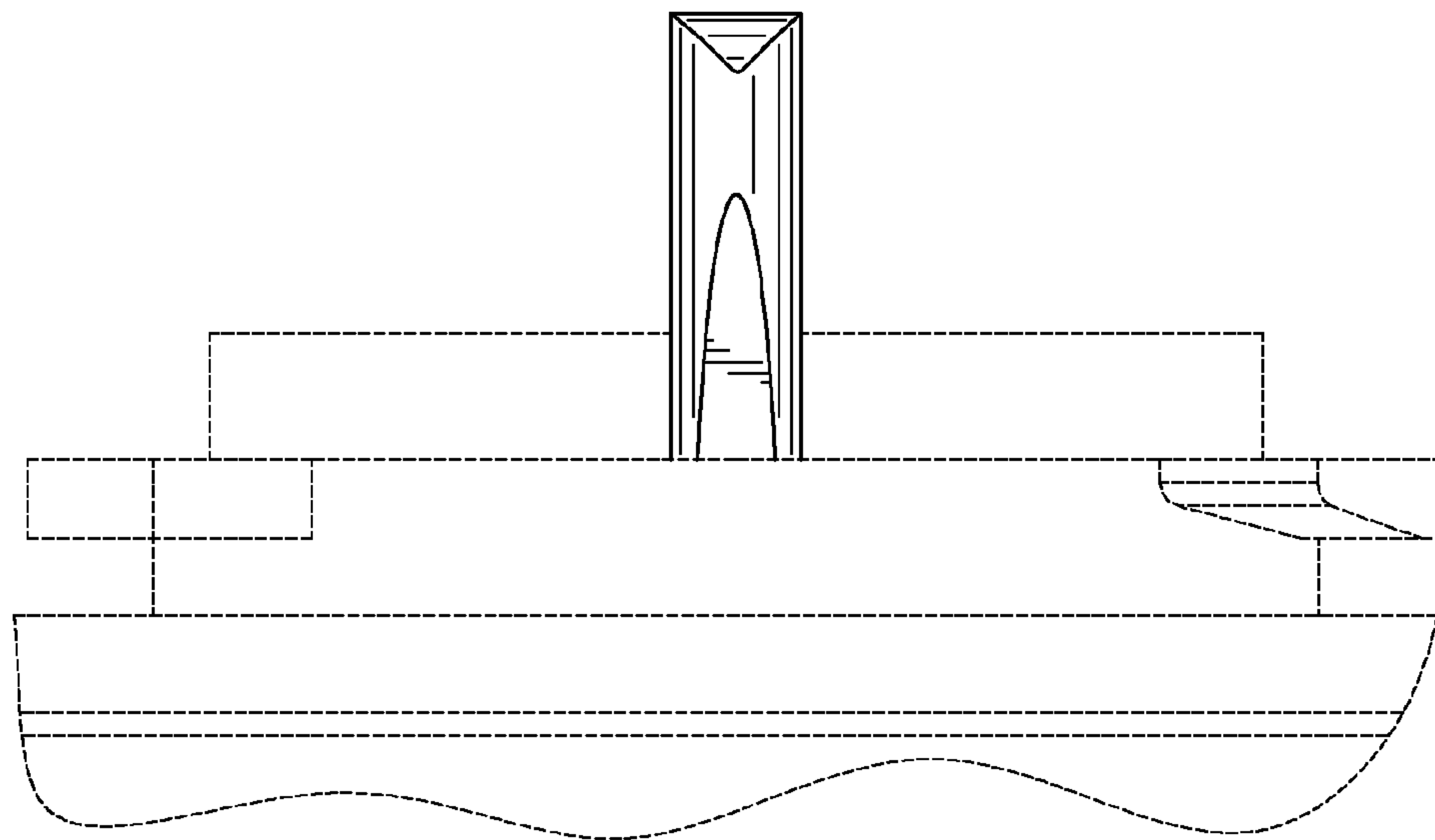


FIG. 32

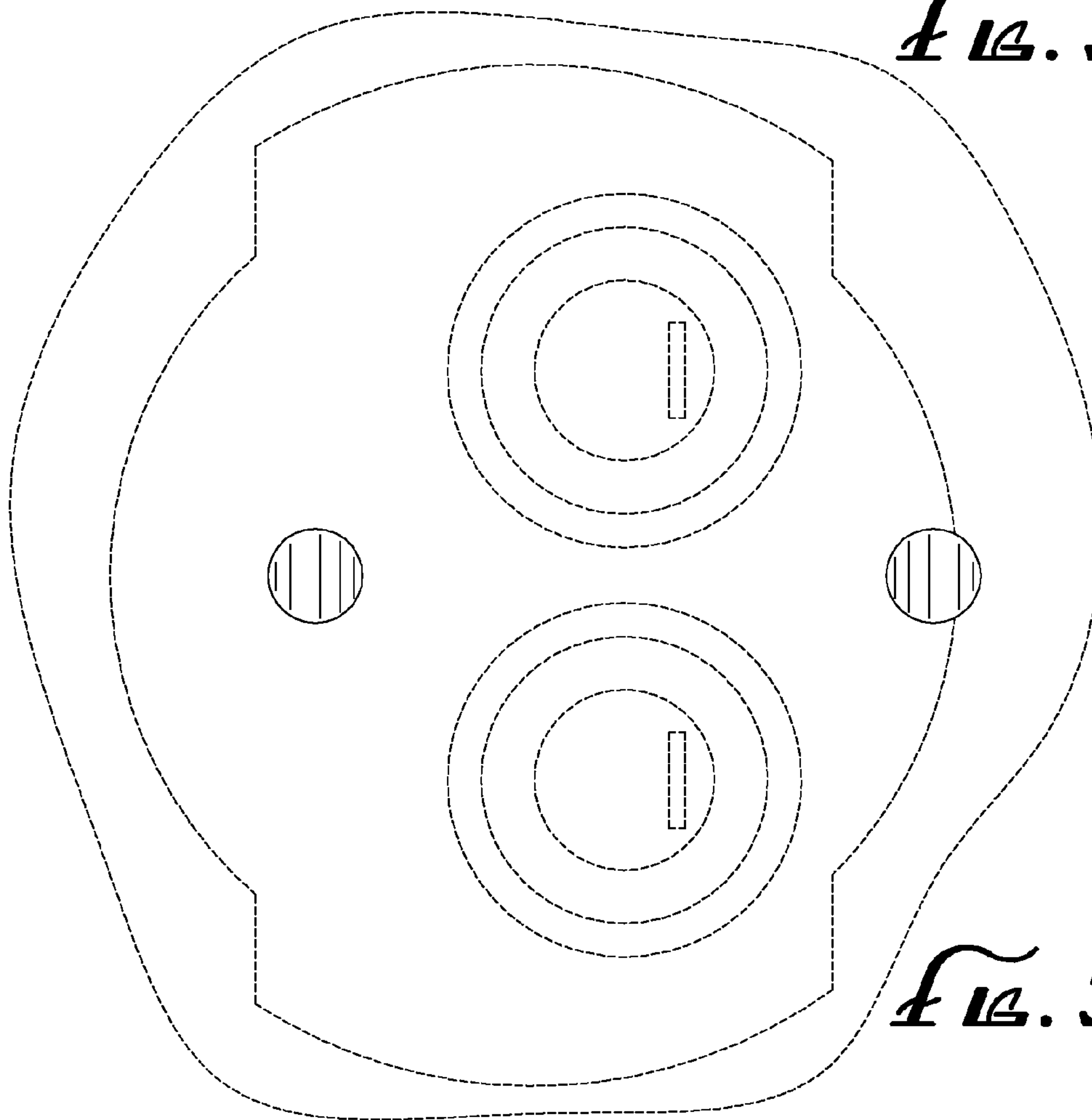


FIG. 33

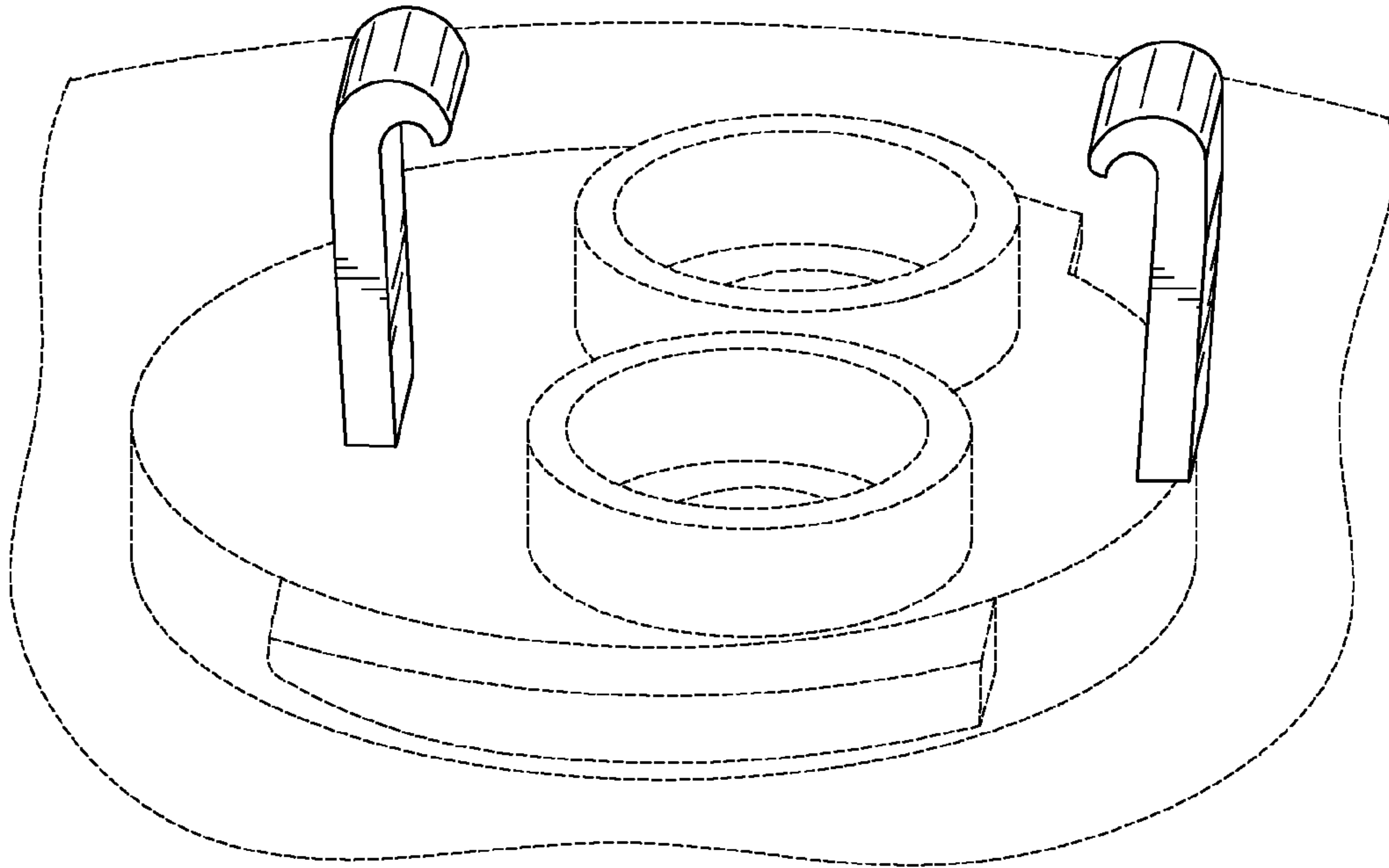


FIG. 34

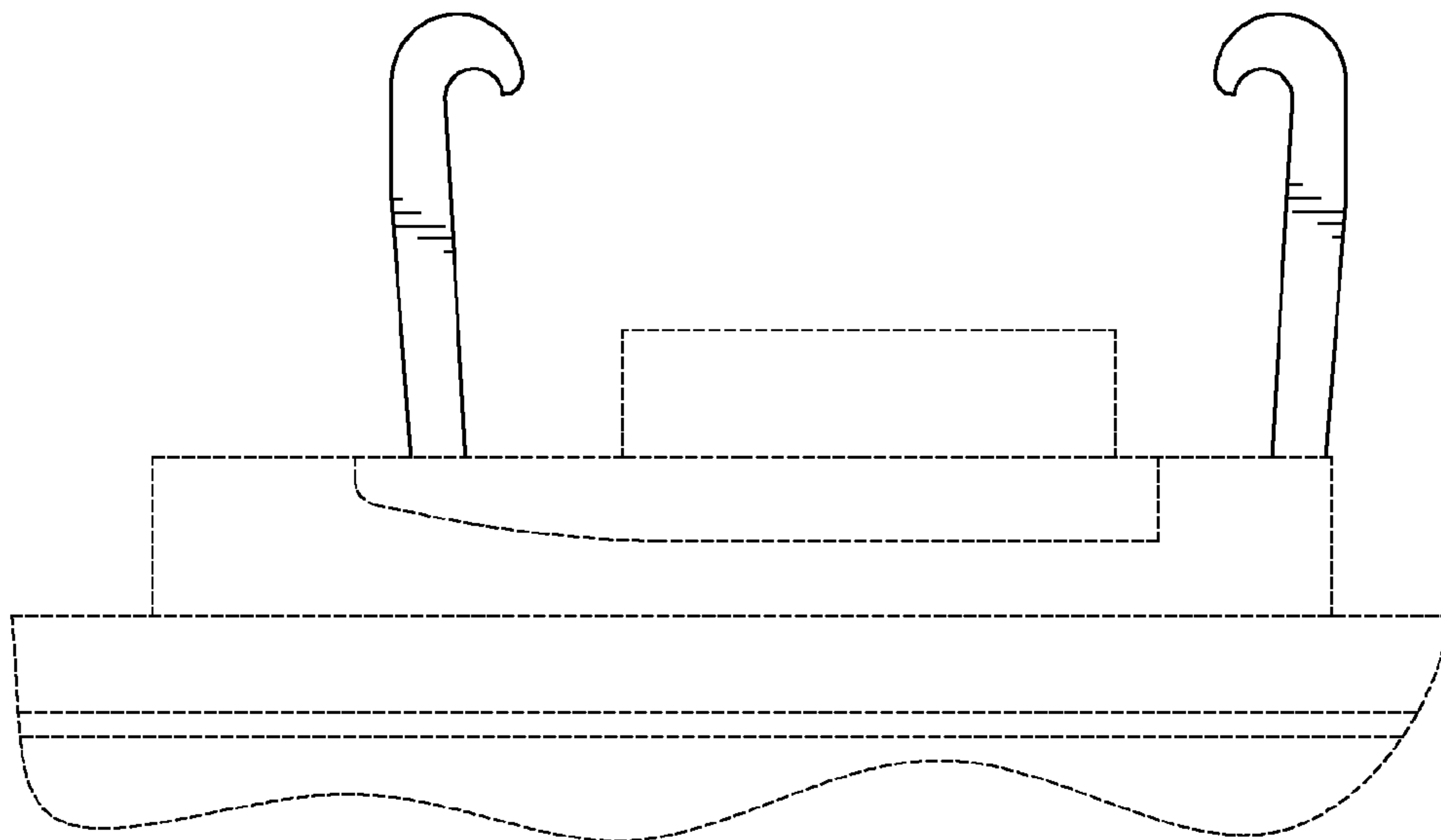


FIG. 35

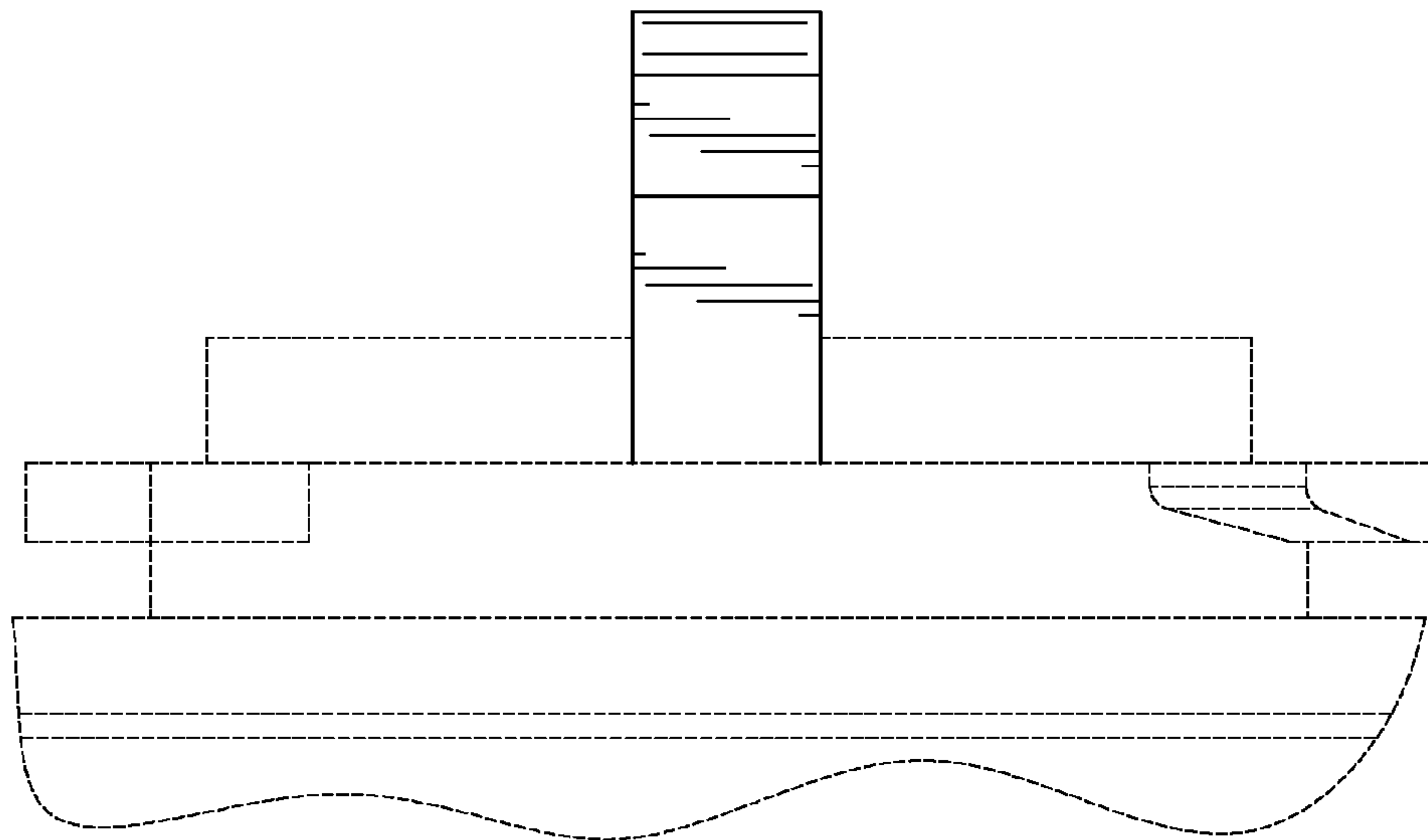


FIG. 36

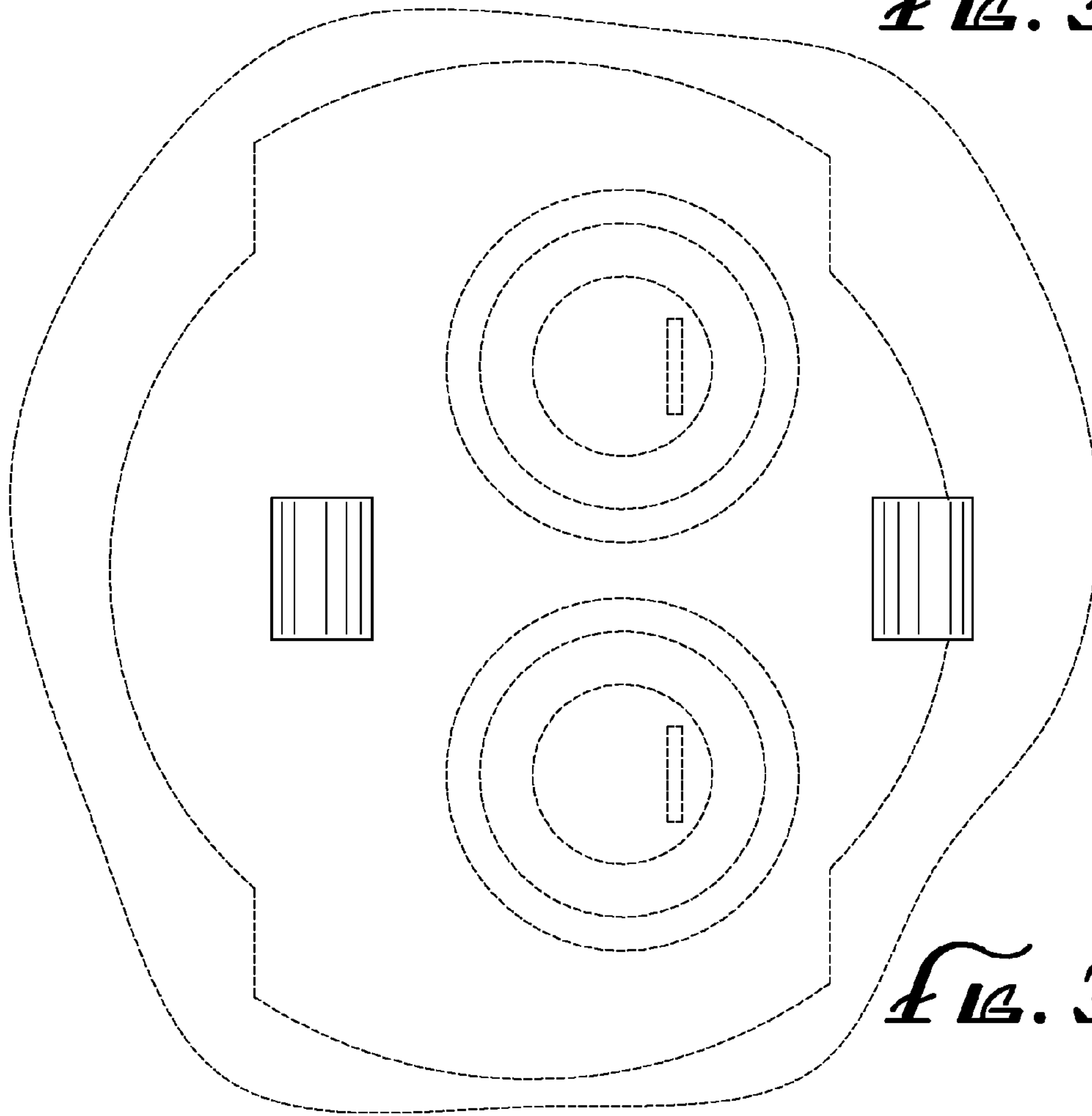


FIG. 37