



US00D942798S

(12) **United States Design Patent** (10) **Patent No.:** **US D942,798 S**
Manusrungsri et al. (45) **Date of Patent:** **** Feb. 8, 2022**

(54) **COCONUT PUNCTURING DEVICE**

(71) Applicant: **K Fresh Co., Ltd**, Samutprakarn (TH)

(72) Inventors: **Kemtas Manusrungsri**, Samutprakarn (TH); **Waraporn Manusrungsri**, Samutprakarn (TH)

(73) Assignee: **K FRESH CO., LTD**, Samutprakarn (TH)

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

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(30) **Foreign Application Priority Data**

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Nov. 23, 2018 (TH) 1802005071

(Continued)

(51) **LOC (13) Cl.** **31-00**

(52) **U.S. Cl.**
USPC **D7/381**

(58) **Field of Classification Search**

USPC D7/372, 376-386, 398, 412-413, 602, D7/629, 665-666, 669, 679, 693-694

(Continued)

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Primary Examiner — Ricky Pham

(74) Attorney, Agent, or Firm — Innovation Capital Law Group, LLP; Vic Lin

(57) **CLAIM**

The ornamental design for a coconut puncturing device, as shown and described.

DESCRIPTION

FIG. 1 is a front view of a first embodiment of a coconut puncturing device;

FIG. 2 is a left side view of the first embodiment of the coconut puncturing device;

FIG. 3 is a rear view of the first embodiment of the coconut puncturing device;

FIG. 4 is a top view of the first embodiment of the coconut puncturing device;

FIG. 5 is a bottom view of the first embodiment of the coconut puncturing device;

FIG. 6 is a perspective view of the first embodiment of the coconut puncturing device;

FIG. 7 is a rear view of the first embodiment of the coconut puncturing device, illustrating disconnection of a puncture tube retraction maintenance member;

FIG. 8 is a right side view of the first embodiment of the coconut puncturing device;

FIG. 9 is a rear view of the first embodiment of the coconut puncturing device, illustrating disconnection of a puncture tube retraction maintenance member and movement of the puncture tube to a puncture position;

FIG. 10 is a front view of a second embodiment of a coconut puncturing device;

FIG. 11 is a left side view of the second embodiment of the coconut puncturing device;

FIG. 12 is a rear view of the second embodiment of the coconut puncturing device;

FIG. 13 is a top view of the second embodiment of the coconut puncturing device;

FIG. 14 is a bottom view of the second embodiment of the coconut puncturing device;

FIG. 15 is a perspective view of the second embodiment of the coconut puncturing device;

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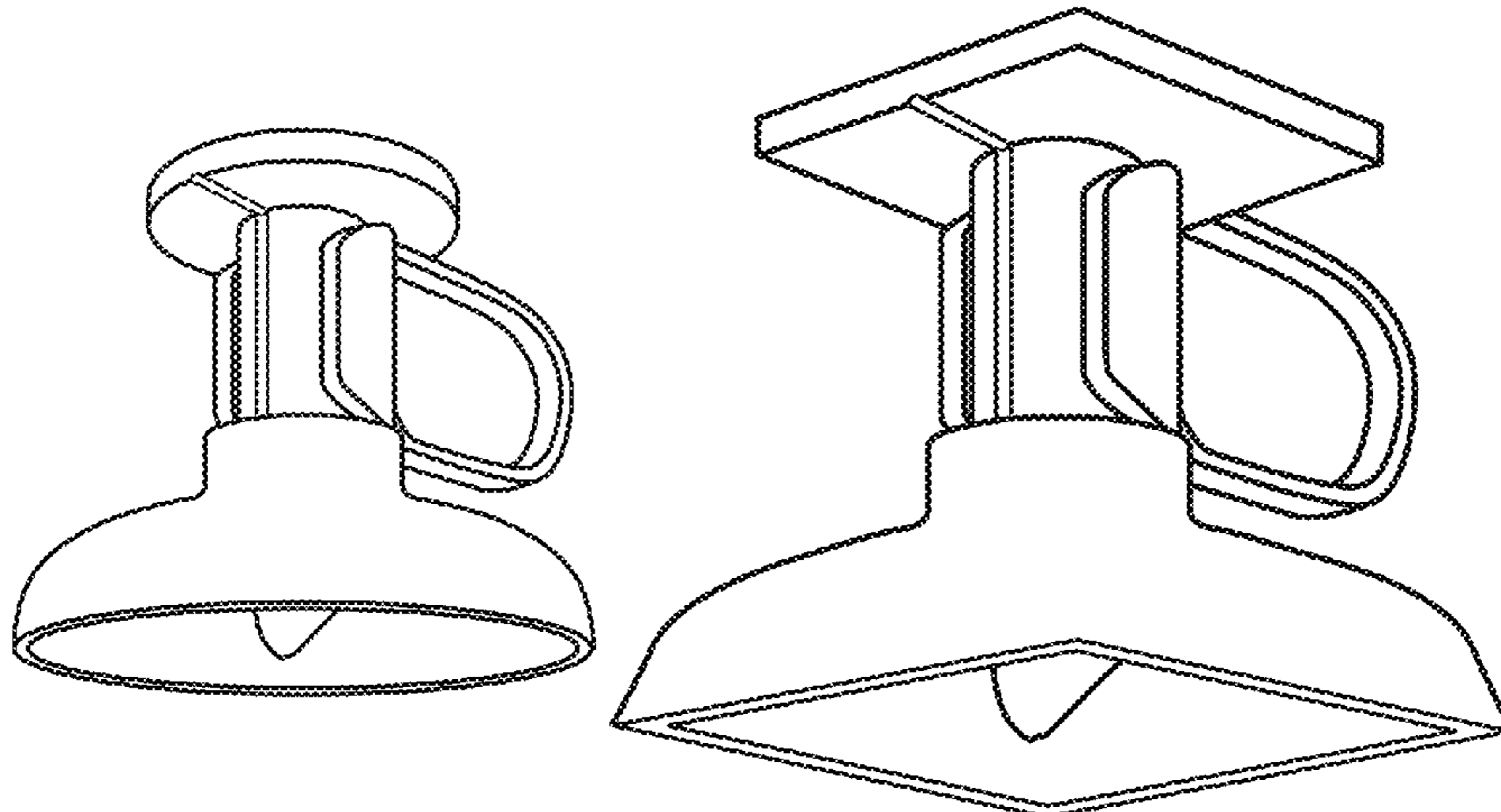


FIG. 16 is a rear view of the second embodiment of the coconut puncturing device, illustrating disconnection of a puncture tube retraction maintenance member;
 FIG. 17 is a right side view of the second embodiment of the coconut puncturing device;
 FIG. 18 is a rear view of the second embodiment of the coconut puncturing device, illustrating disconnection of a puncture tube retraction maintenance member and movement of the puncture tube to a puncture position;
 FIG. 19 is a front view of a third embodiment of a coconut puncturing device, showing our new design;
 FIG. 20 is a left side view of the third embodiment of the coconut puncturing device;
 FIG. 21 is a rear view of the third embodiment of the coconut puncturing device;
 FIG. 22 is a top view of the third embodiment of the coconut puncturing device;
 FIG. 23 is a bottom view of the third embodiment of the coconut puncturing device;
 FIG. 24 is a perspective view of the third embodiment of the coconut puncturing device;
 FIG. 25 is a rear view of the third embodiment of the coconut puncturing device, illustrating disconnection of a puncture tube retraction maintenance member;
 FIG. 26 is a right side view of the third embodiment of the coconut puncturing device; and,
 FIG. 27 is a rear view of the third embodiment of the coconut puncturing device, illustrating disconnection of a puncture tube retraction maintenance member and movement of the puncture tube to a puncture position.

1 Claim, 27 Drawing Sheets

(30) **Foreign Application Priority Data**

Mar. 20, 2019 (TH) 1902001085
 Mar. 20, 2019 (TH) 1902001086

(58) **Field of Classification Search**

CPC A21C 1/02; A21C 1/04; A23L 2/04; A23N 1/00; A23N 1/02; A47J 19/02; A47J 43/04; A47J 43/24; A47J 43/25; A47J 43/26; A47J 43/27; A47J 43/042; A47J 43/044; A47J 43/046; A47J 43/075; A47J 43/0722; A47J 43/0727; B01F 3/00; B01F 3/04744; B01F 3/0807; B01F 3/0853; B01F 13/0059; B01F 13/0064; B02C 1/08; B02C 2/04; B02C 4/42; B02C 4/142; B02C 4/143; B02C 4/423; B02C 13/1835; B28C 5/10; B28C 5/12; B28C 5/14; B28C 5/16; B30B 9/10; B65D 39/00; B65D 75/5877; B65D 77/068; B67B 7/26; B67C 9/00

See application file for complete search history.

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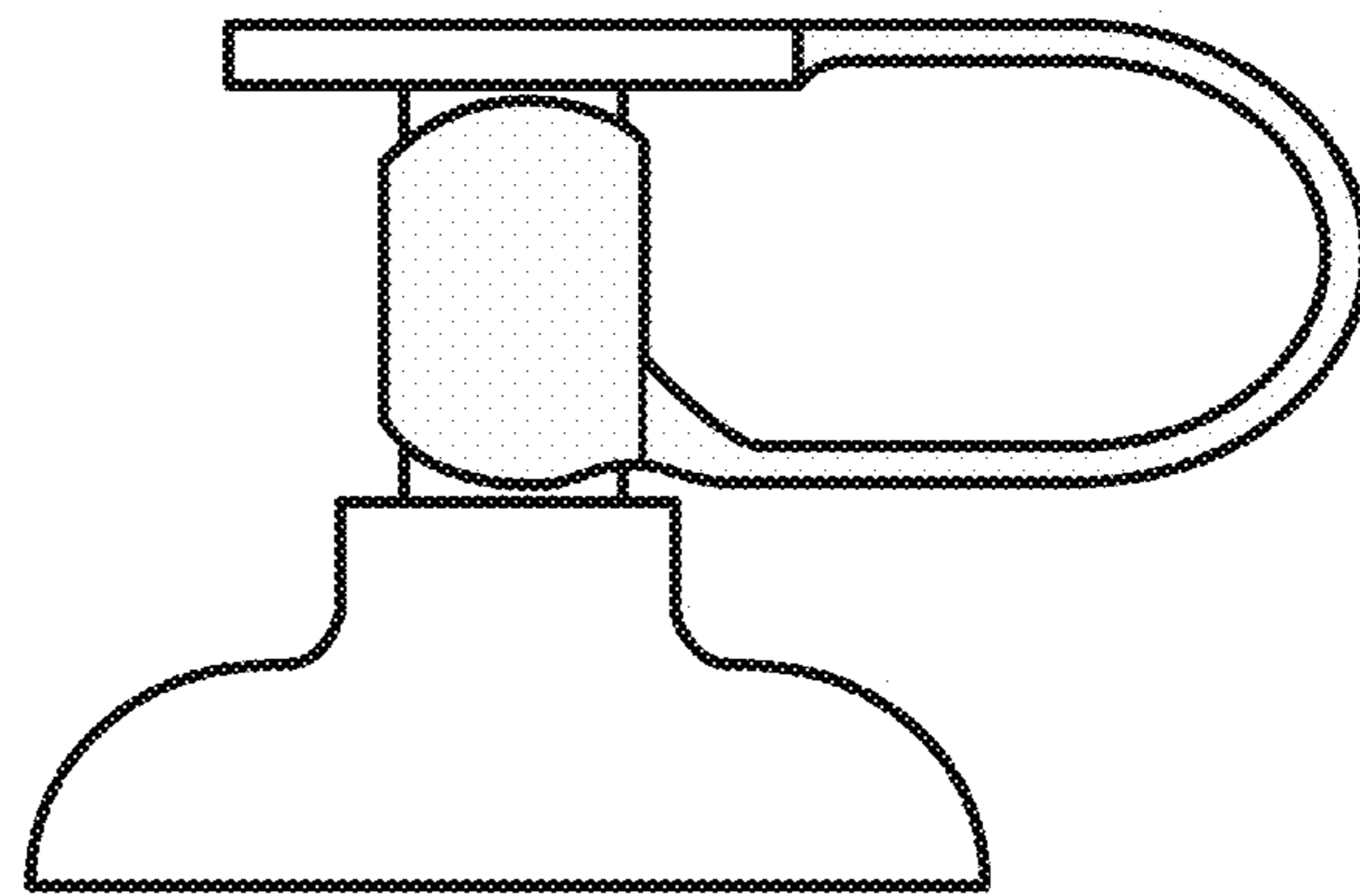


FIG. 1

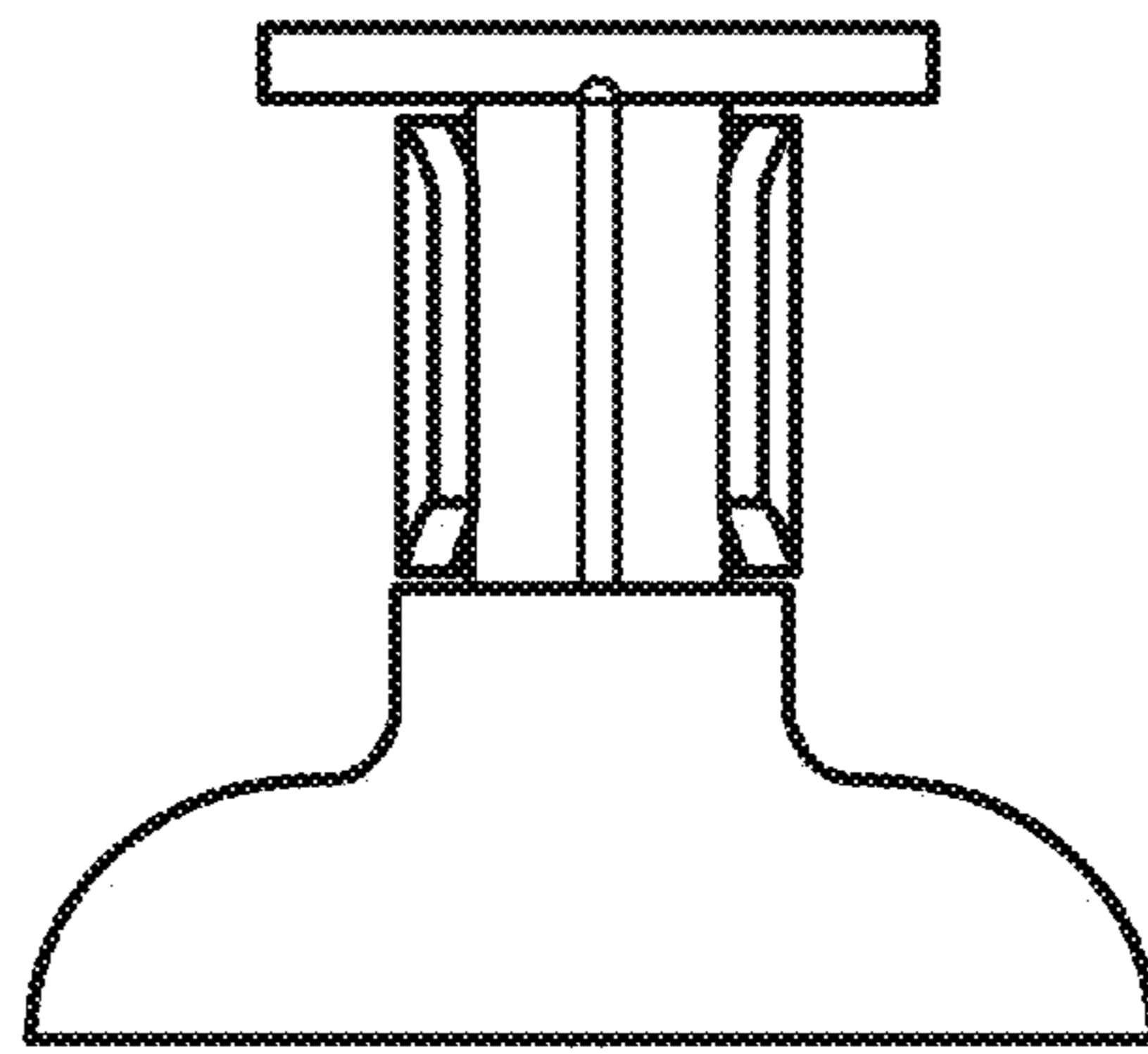


FIG. 2

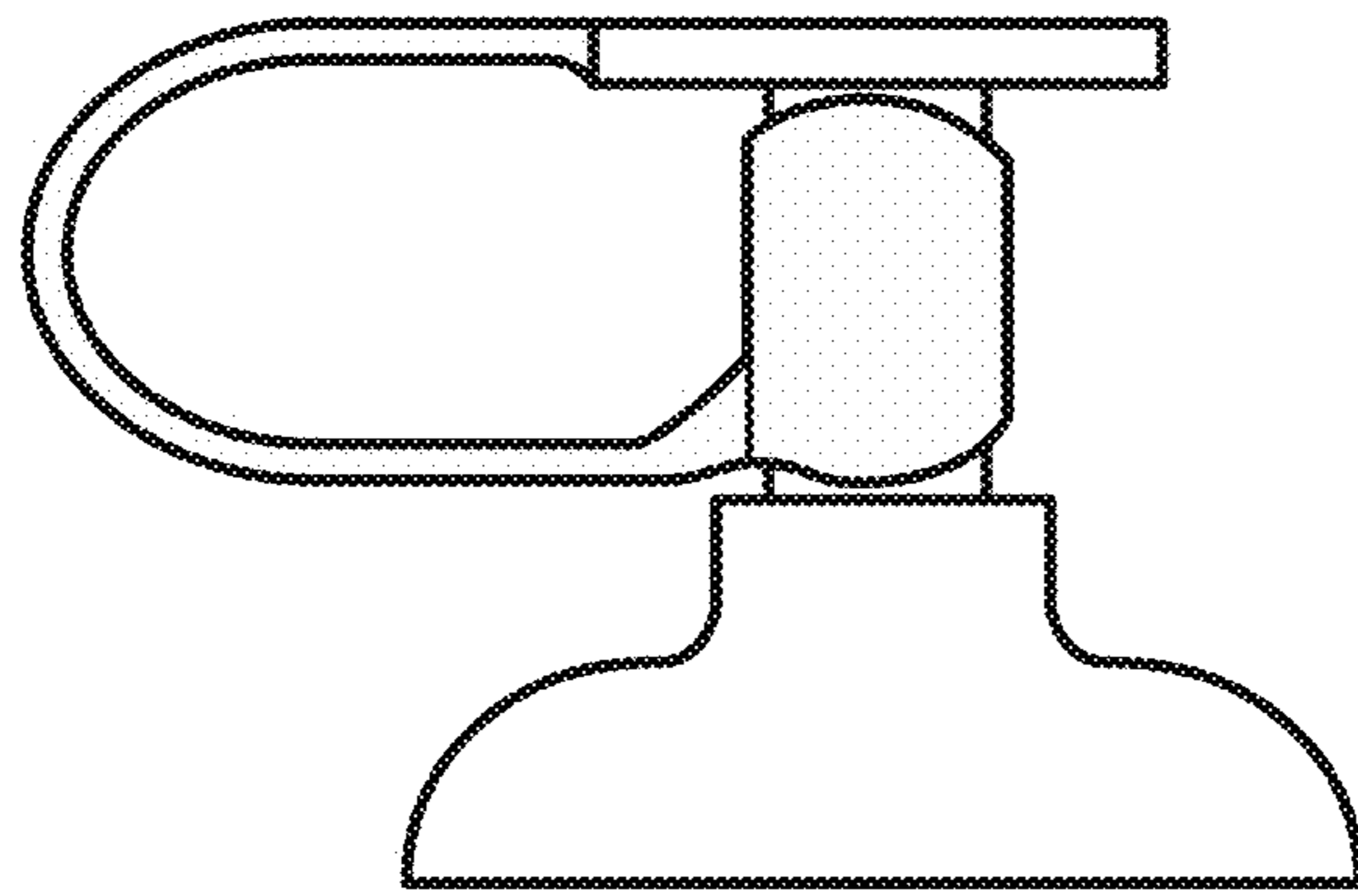


FIG. 3

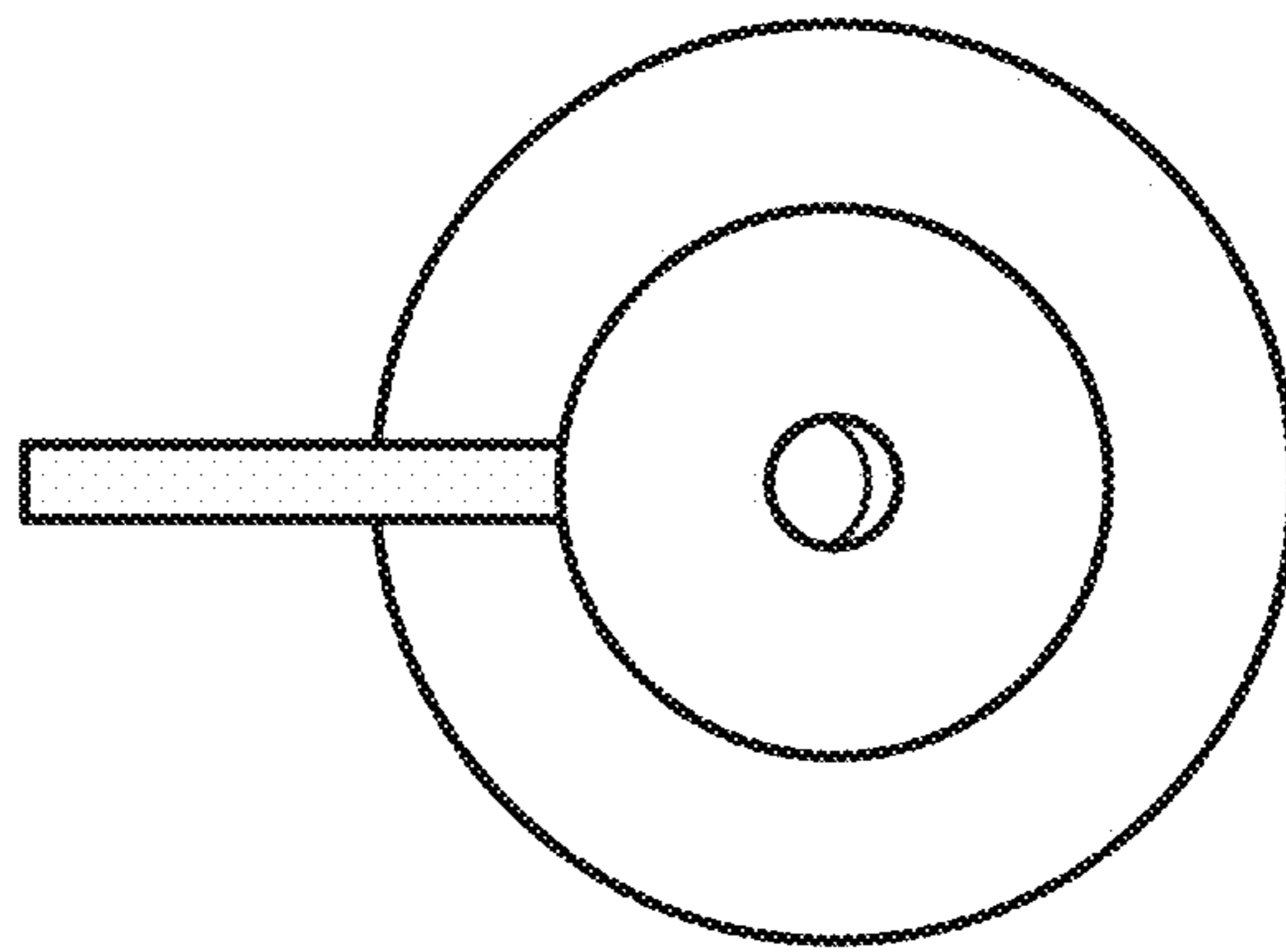


FIG. 4

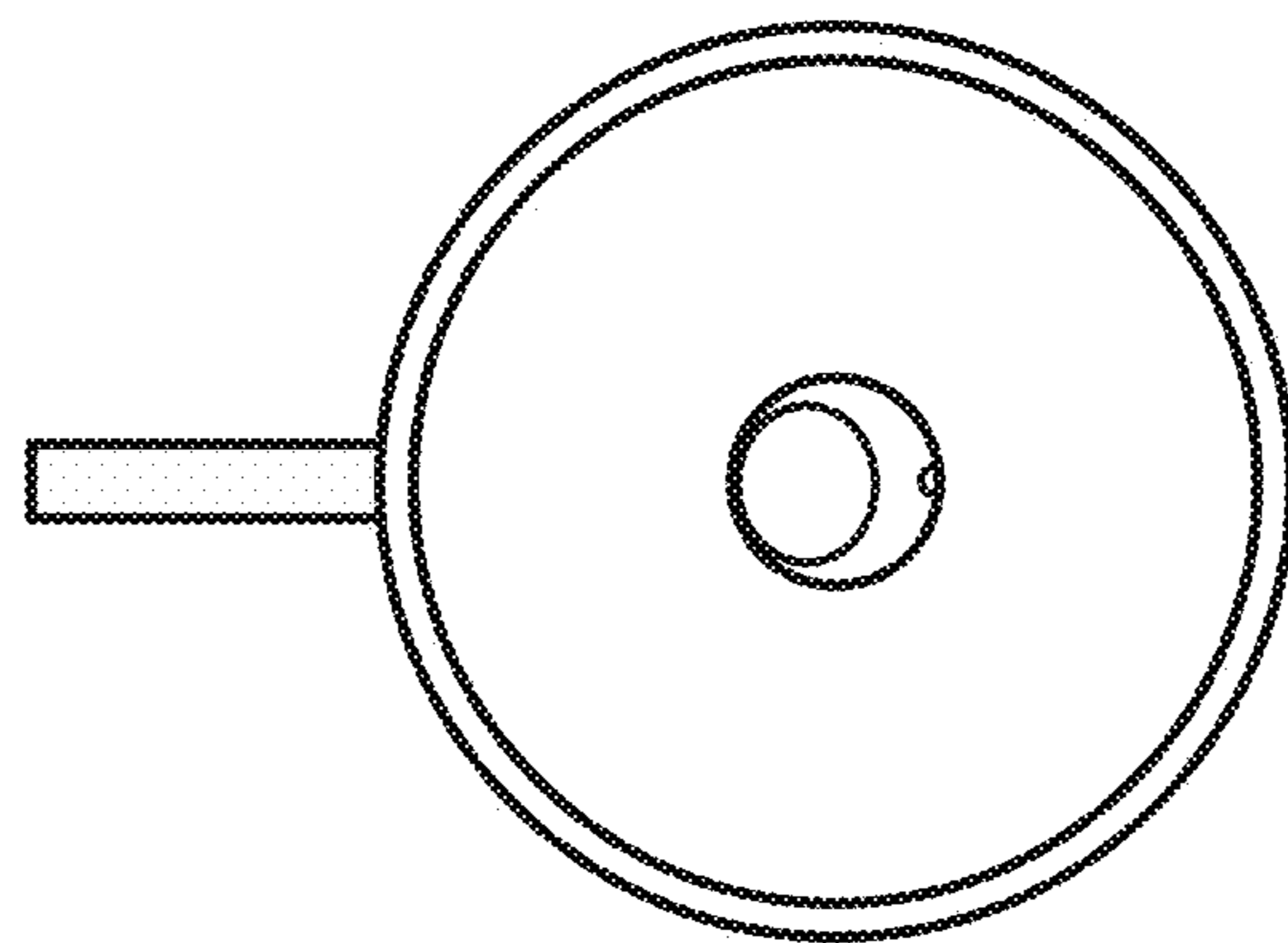


FIG. 5

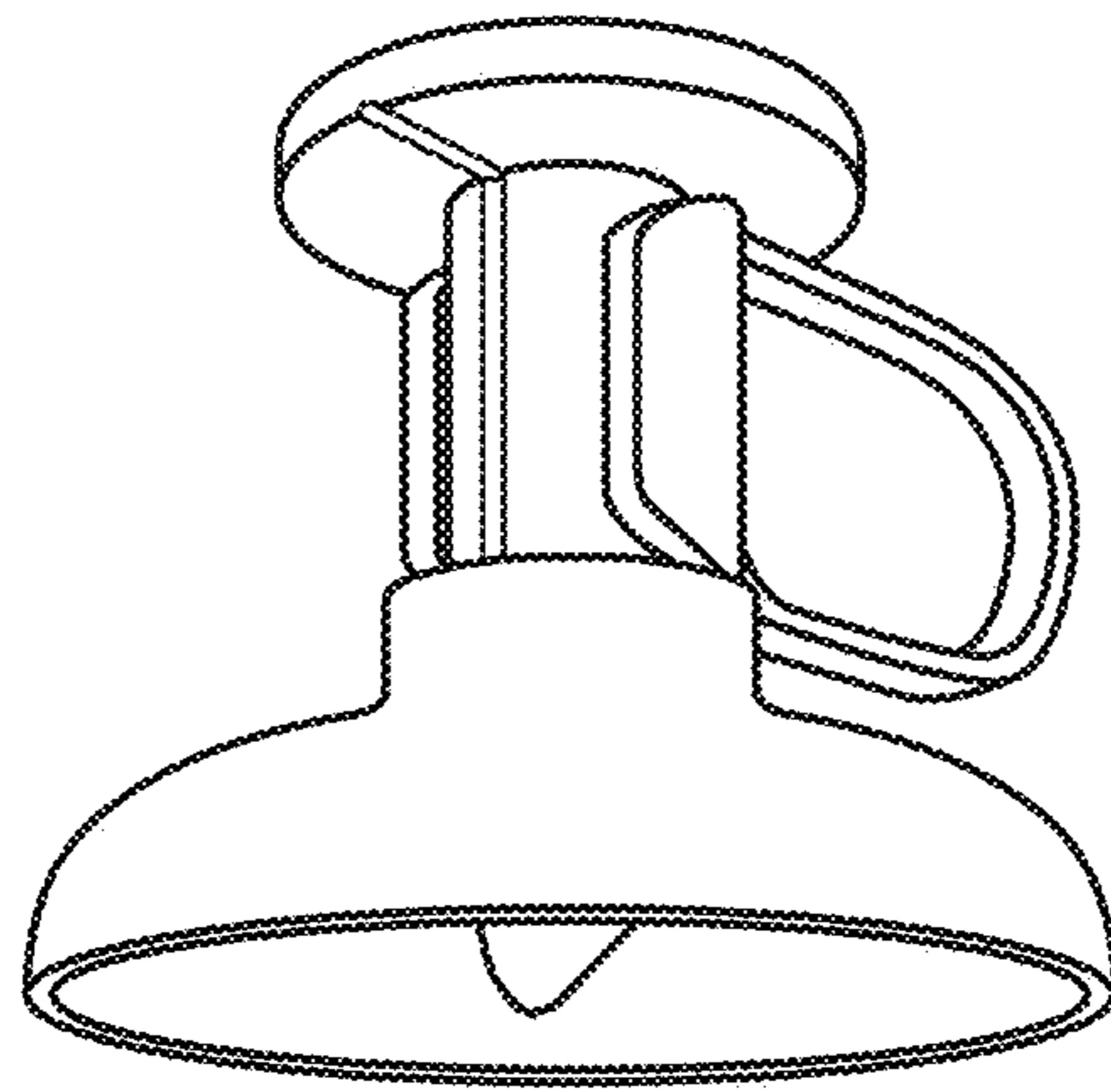


FIG. 6

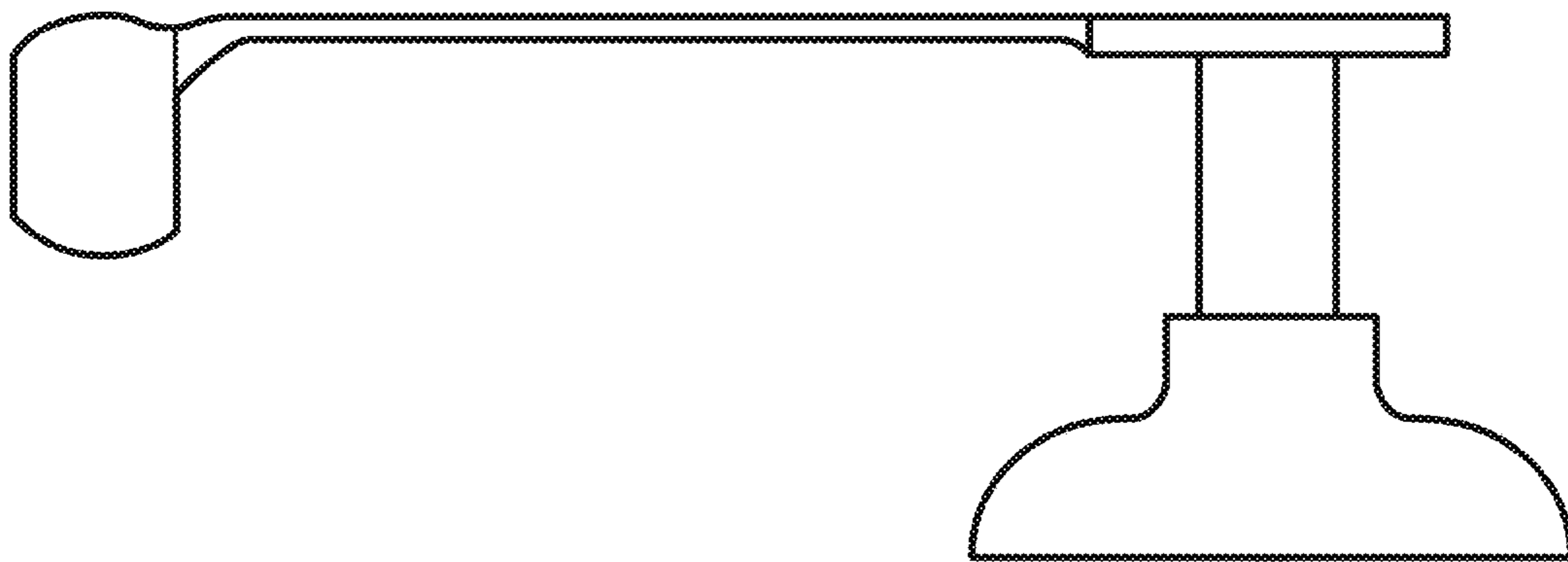


FIG. 7

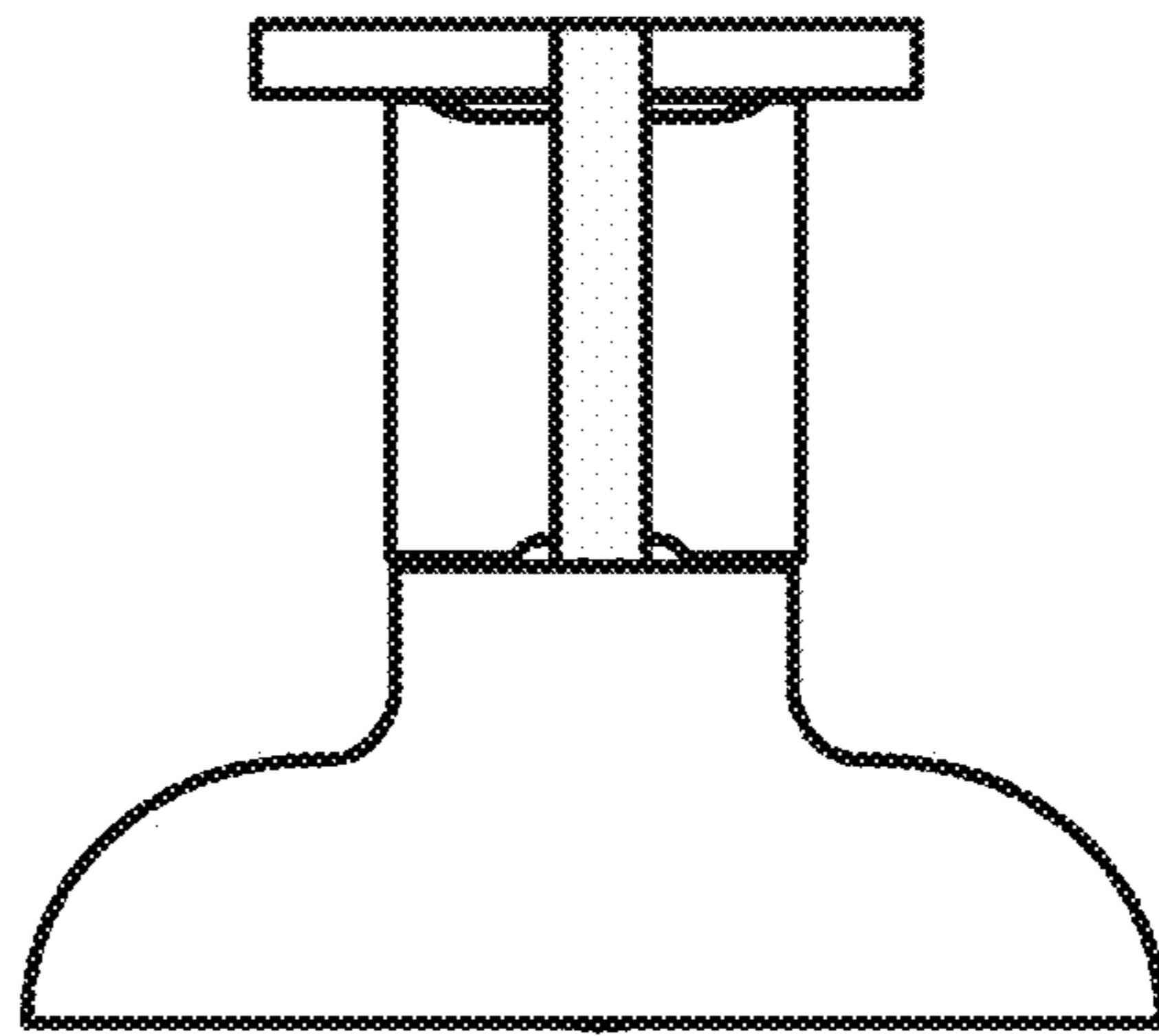


FIG. 8

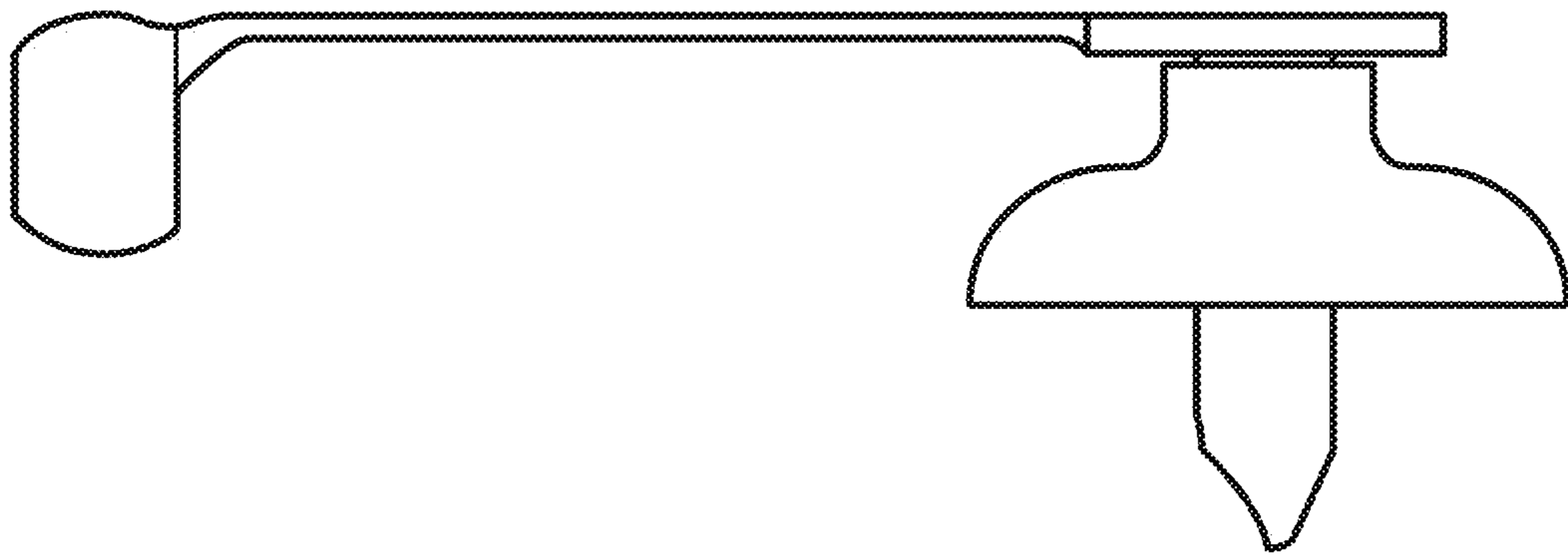


FIG. 9

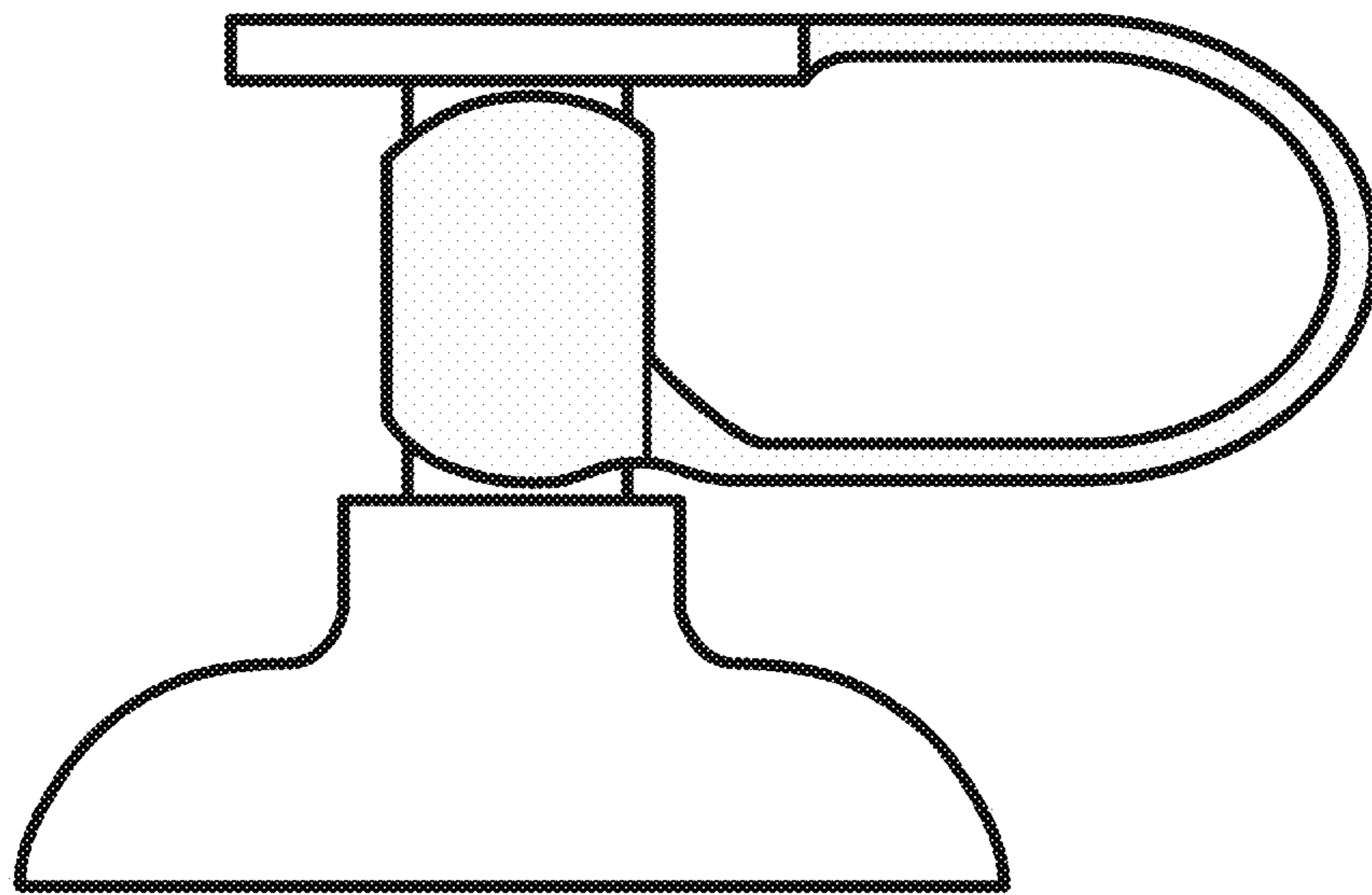


FIG. 10

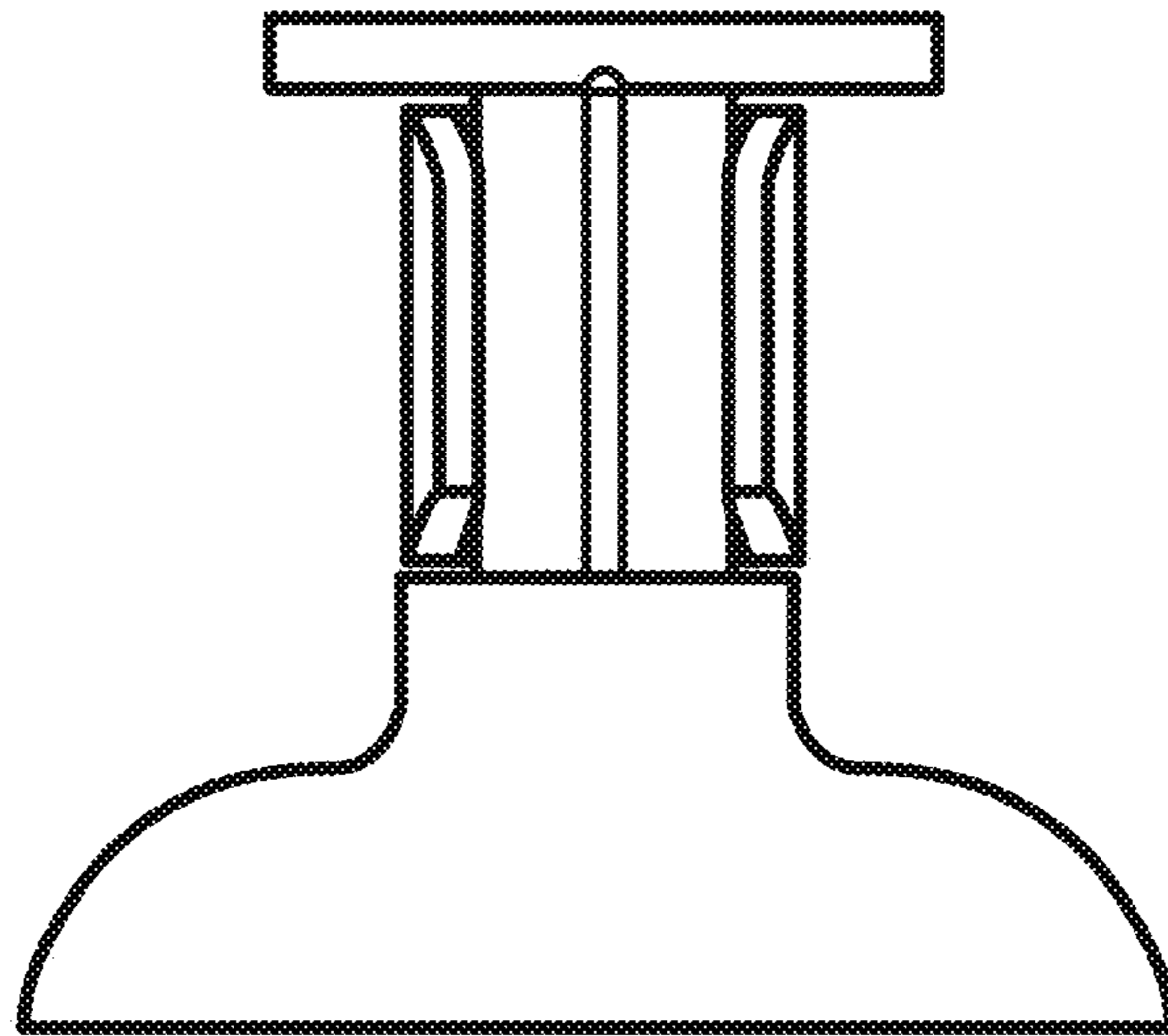


FIG. 11

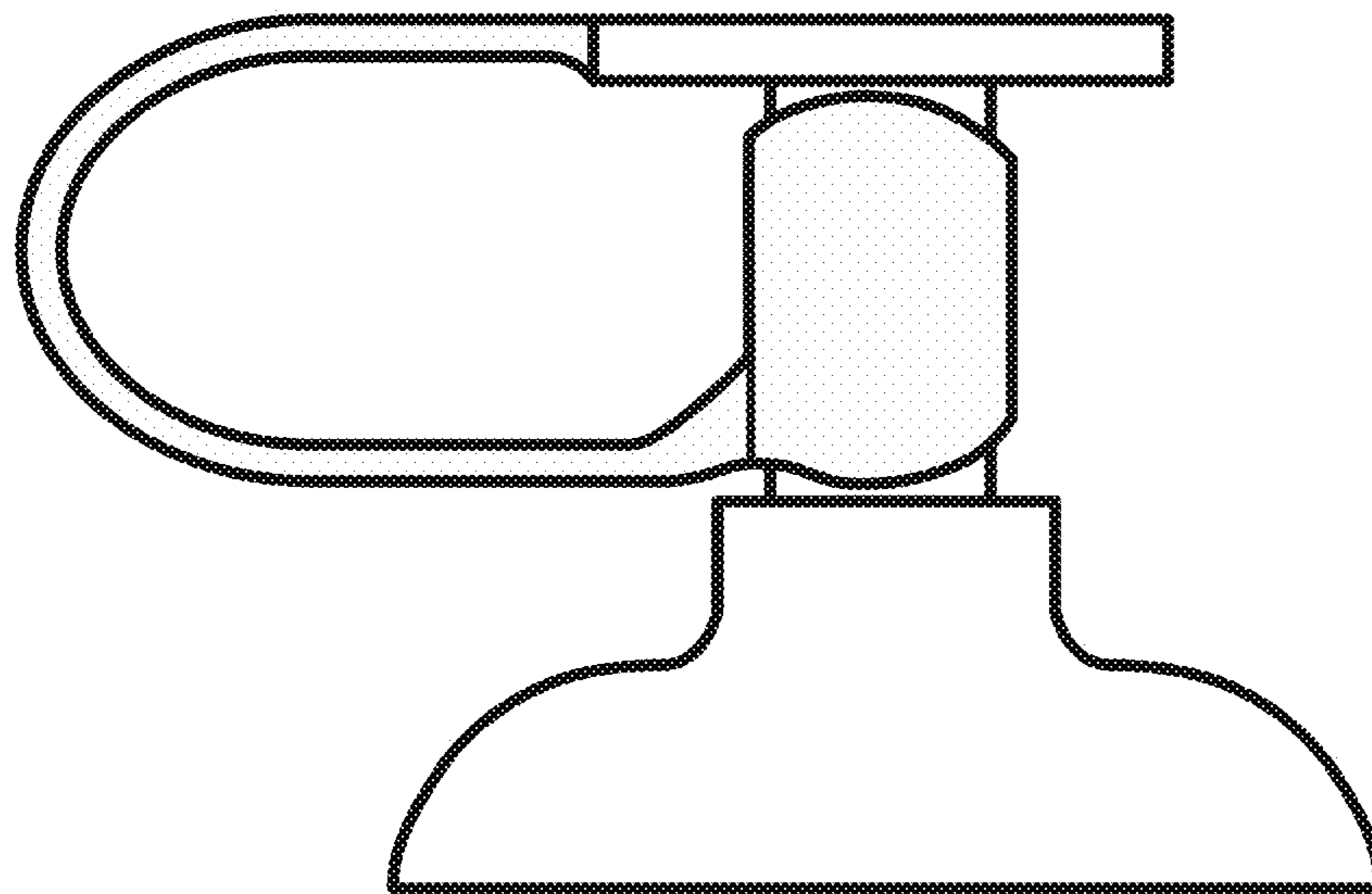


FIG. 12

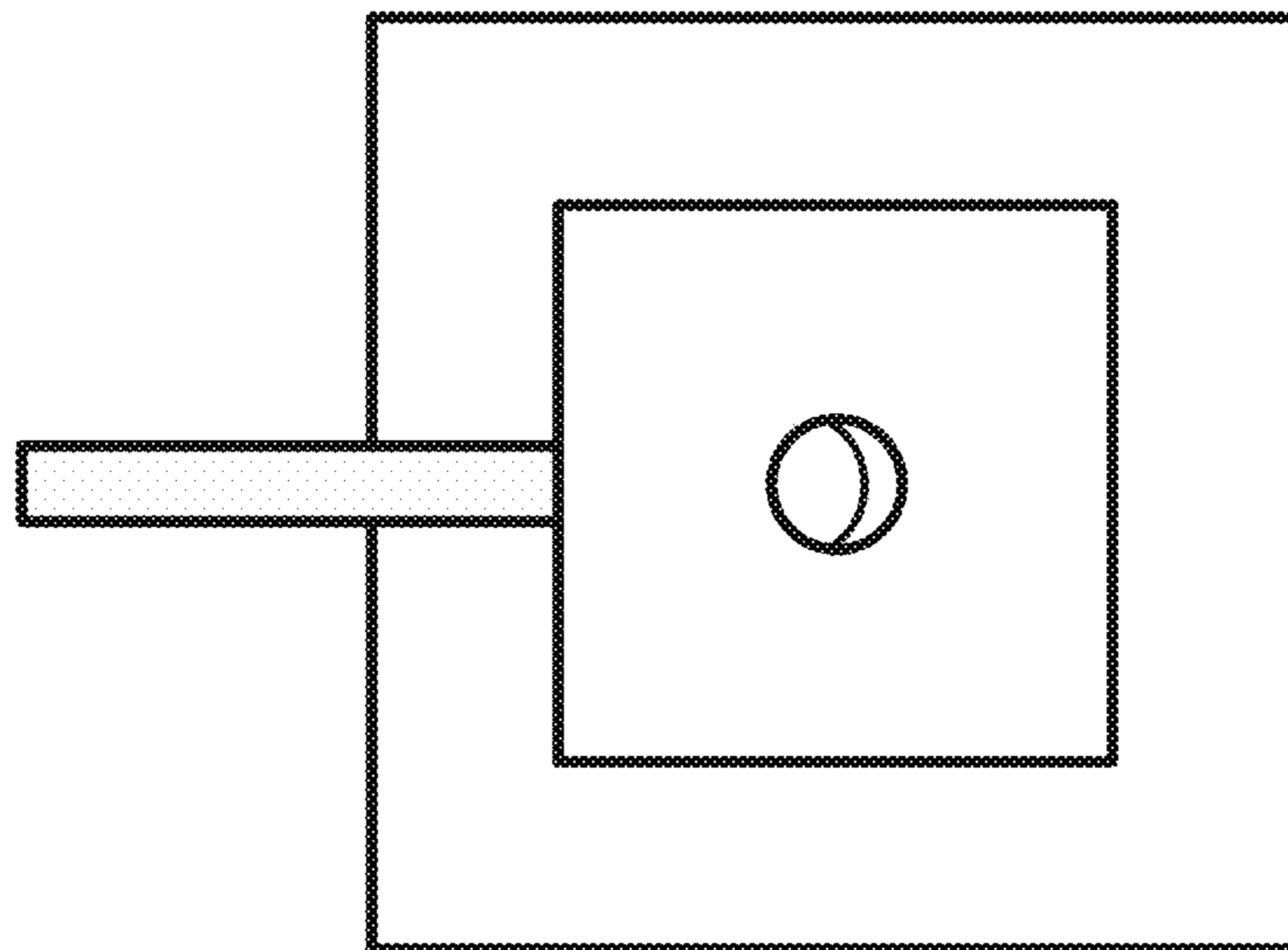


FIG. 13

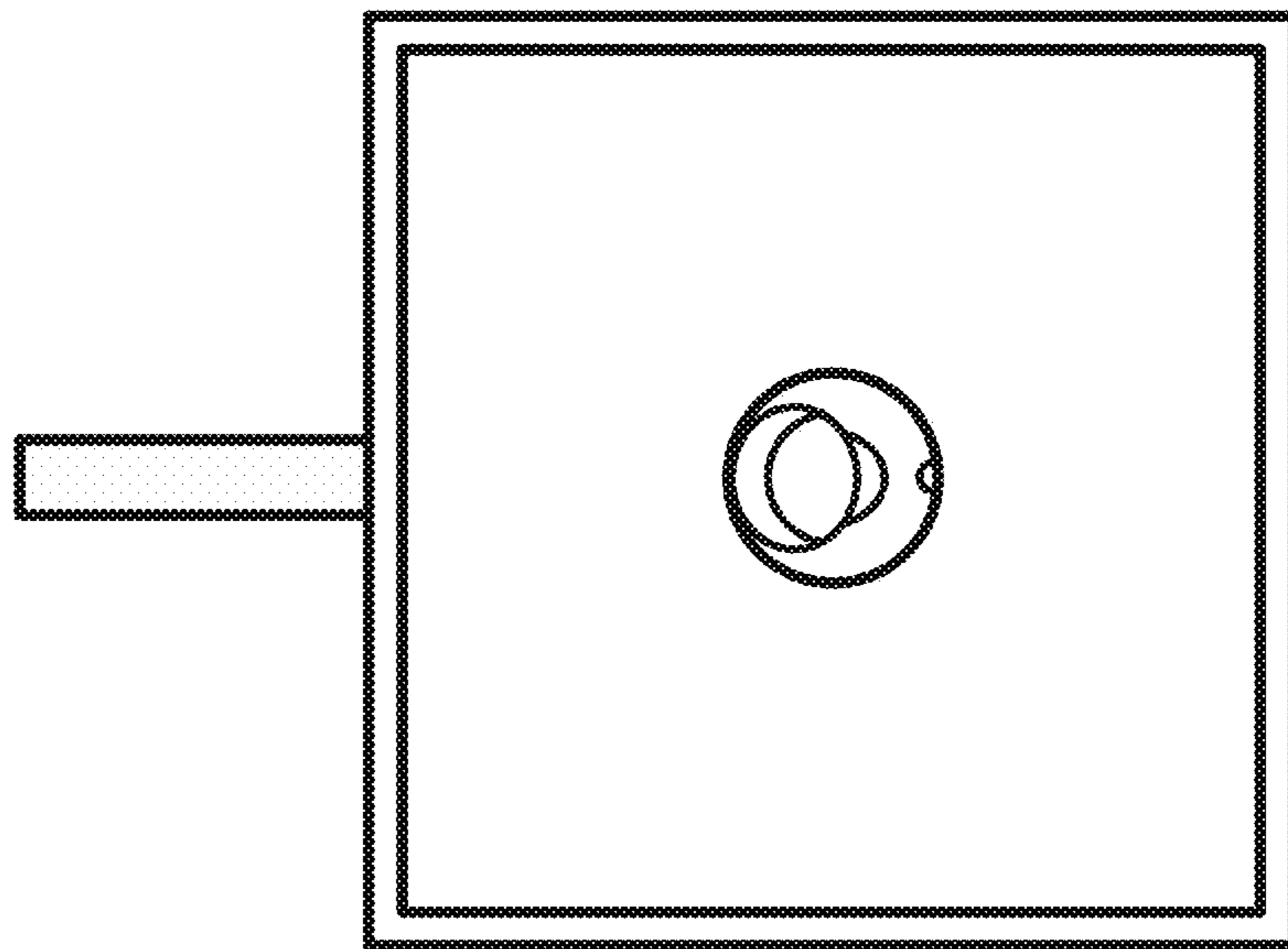


FIG. 14

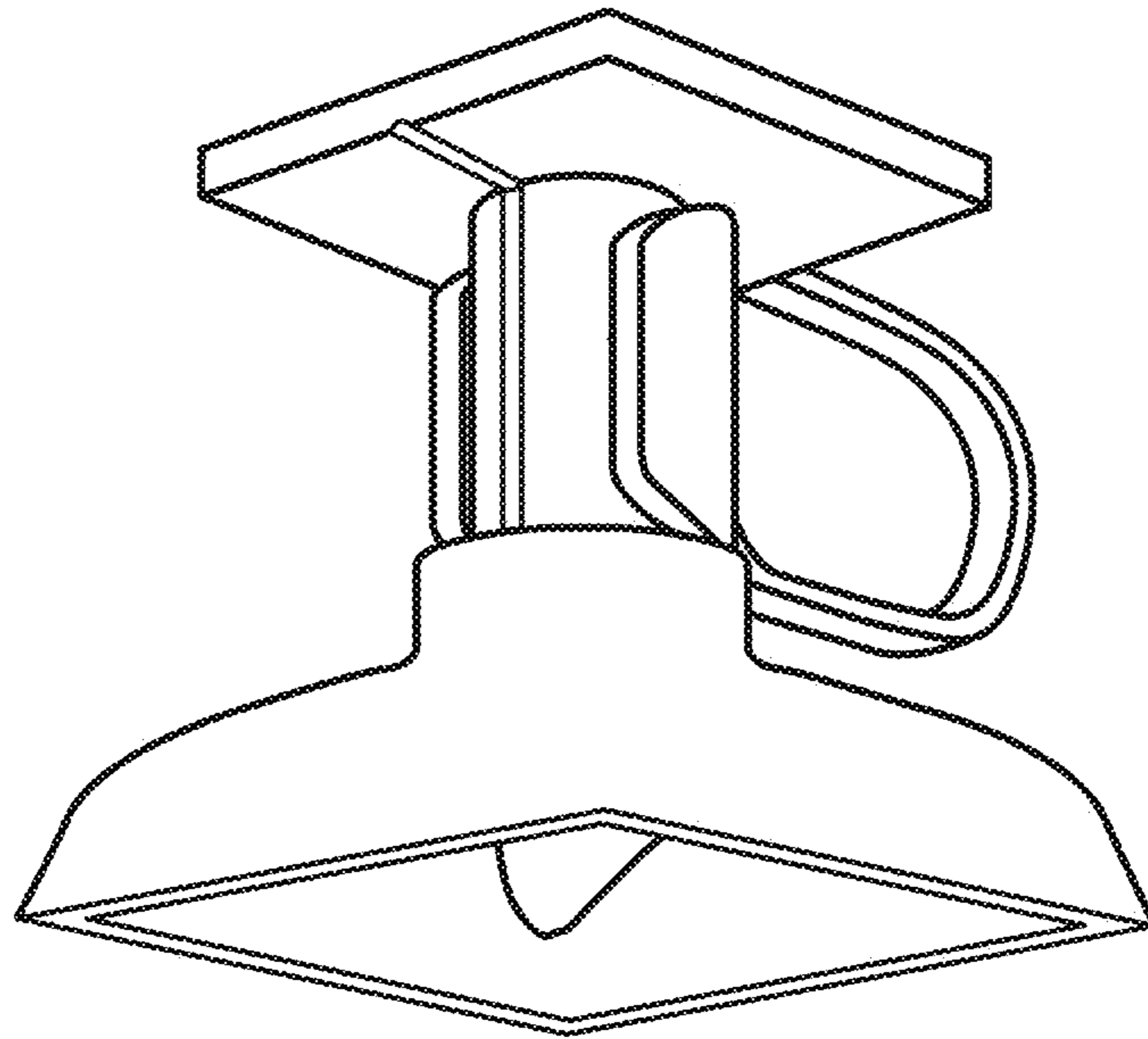


FIG. 15

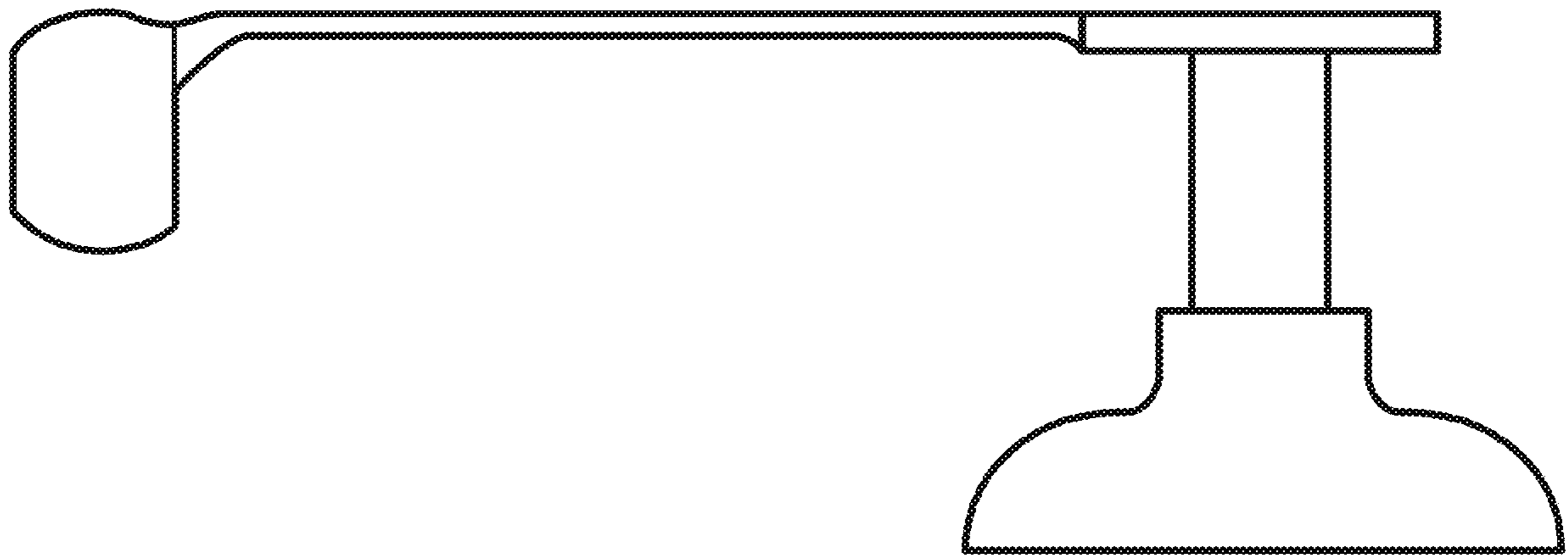


FIG. 16

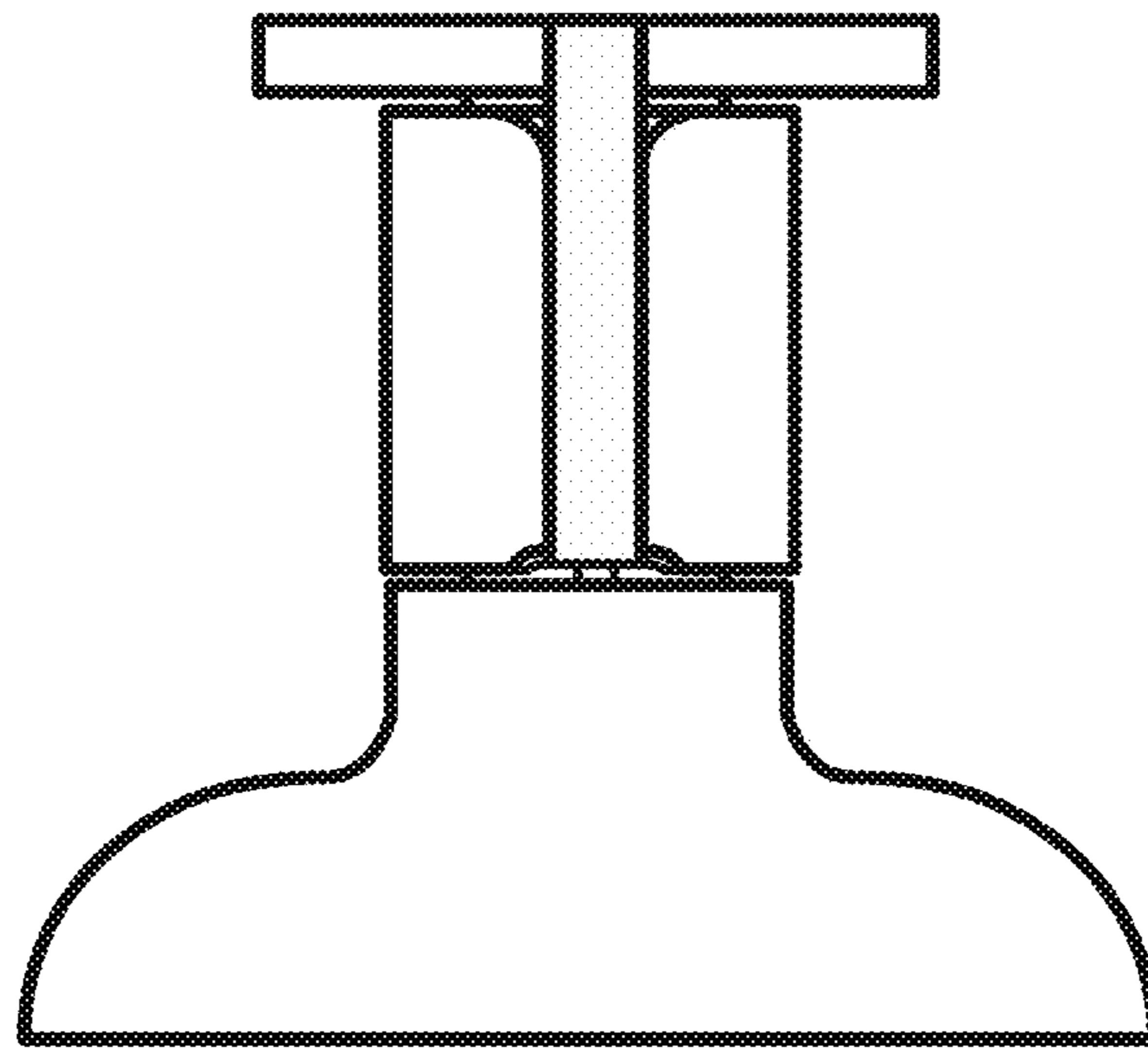


FIG. 17

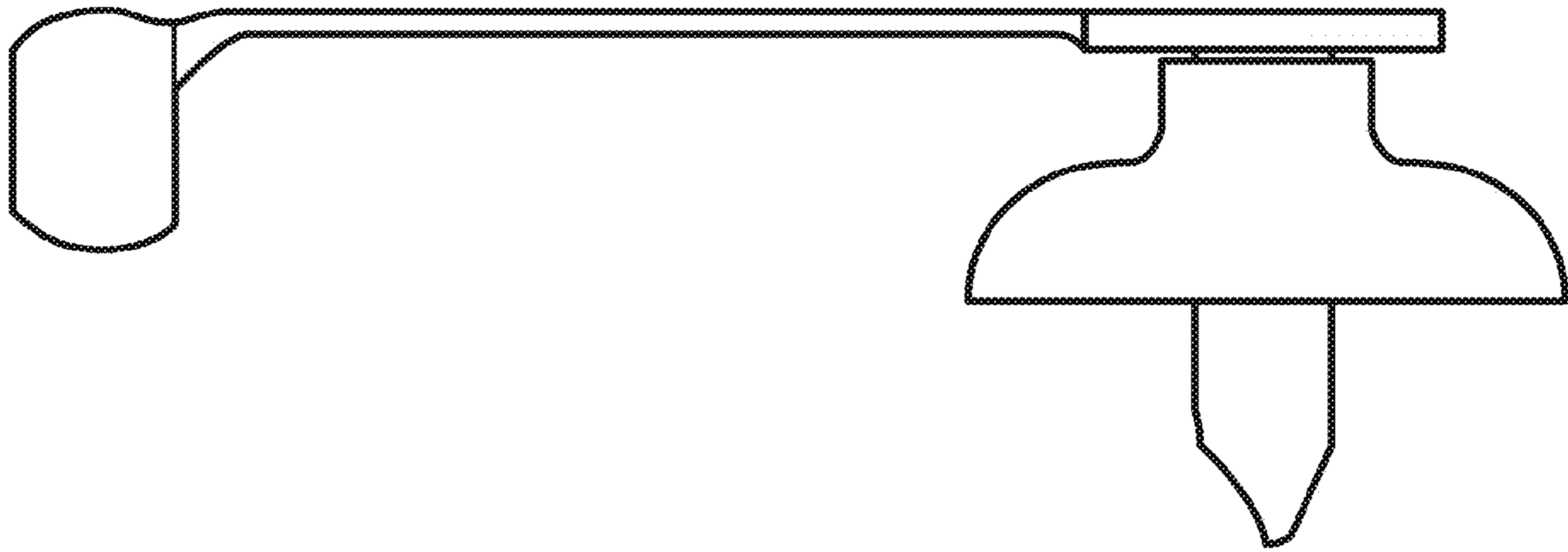


FIG. 18

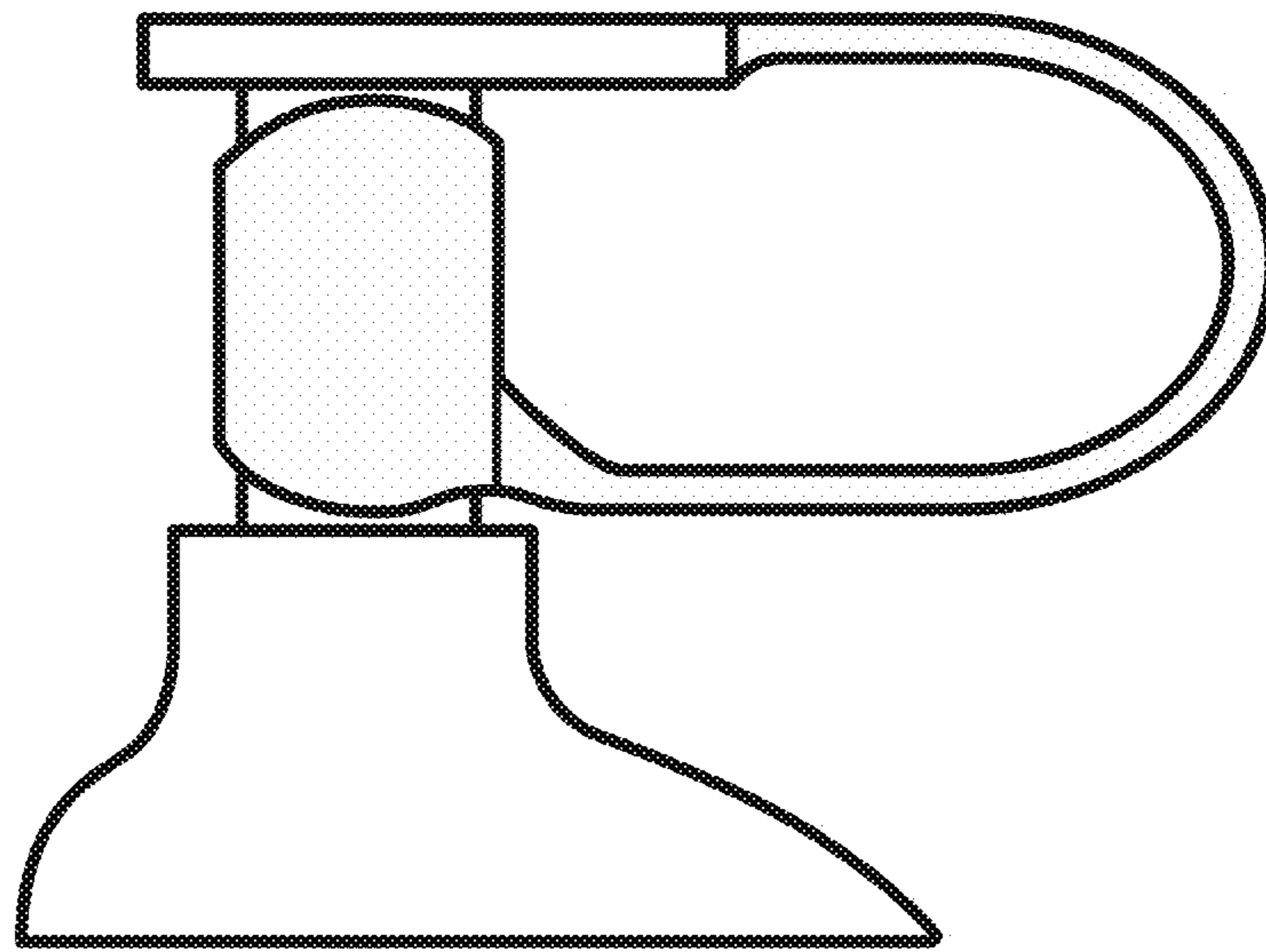


FIG. 19

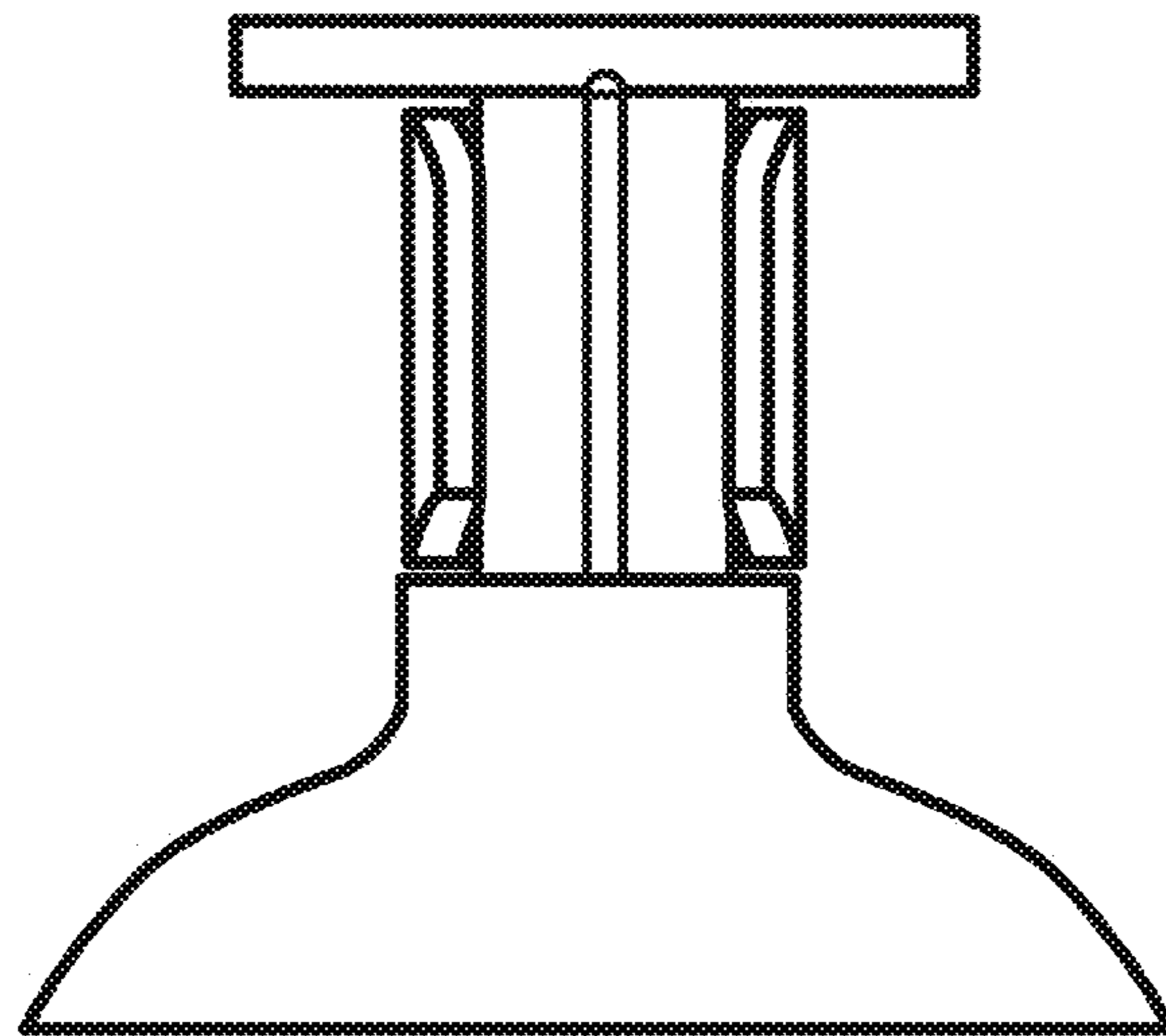


FIG. 20

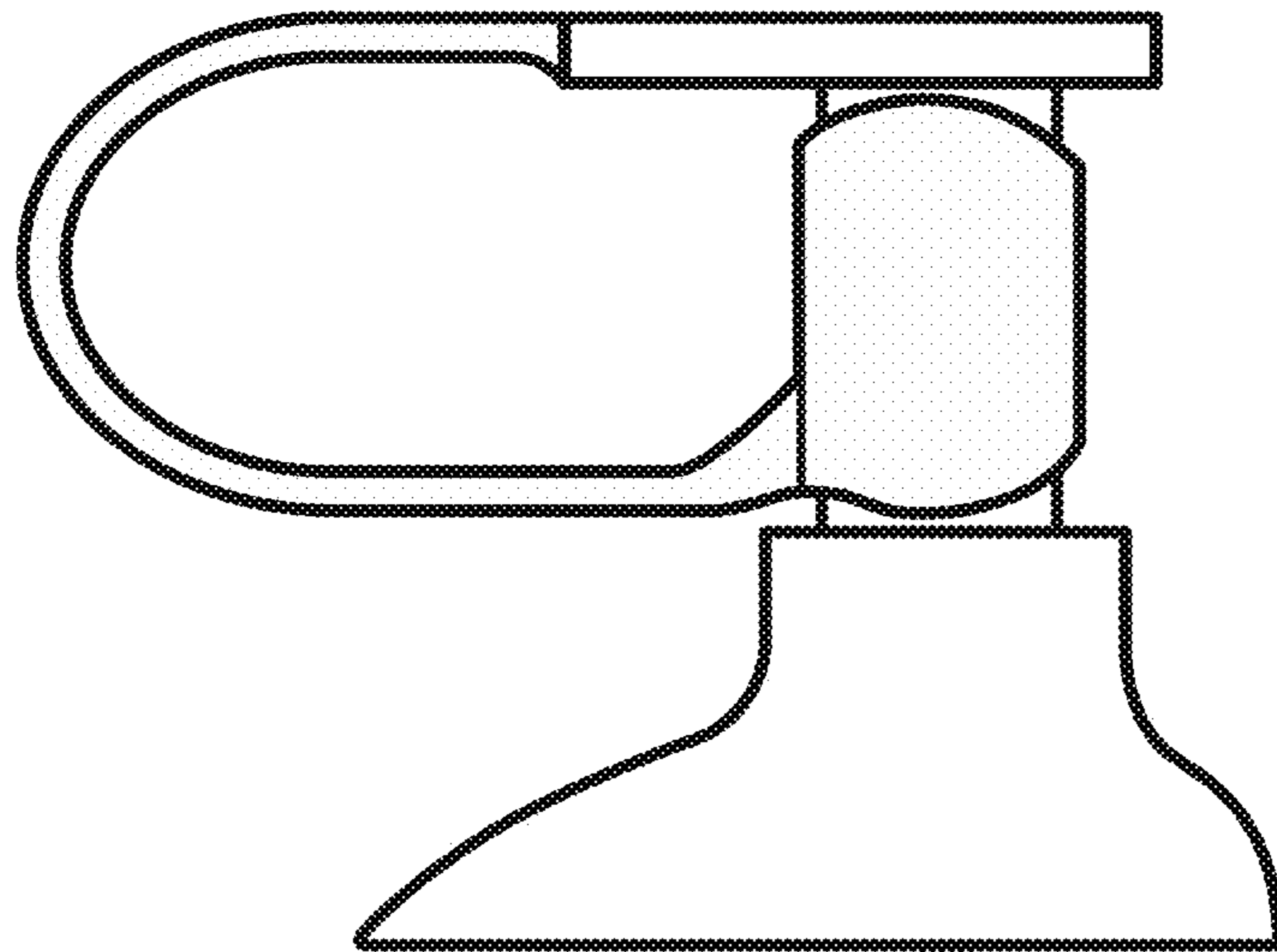


FIG. 21

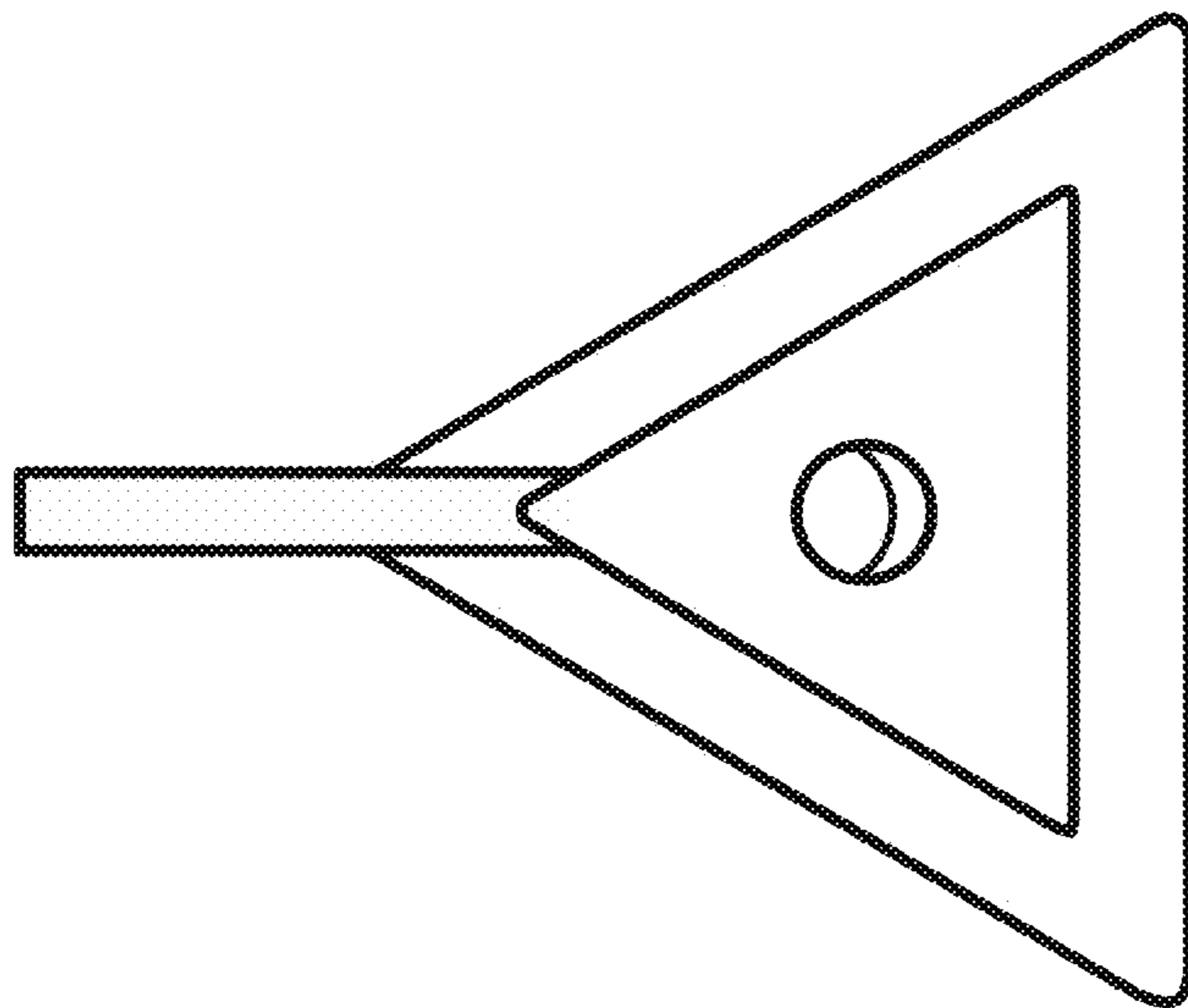


FIG. 22

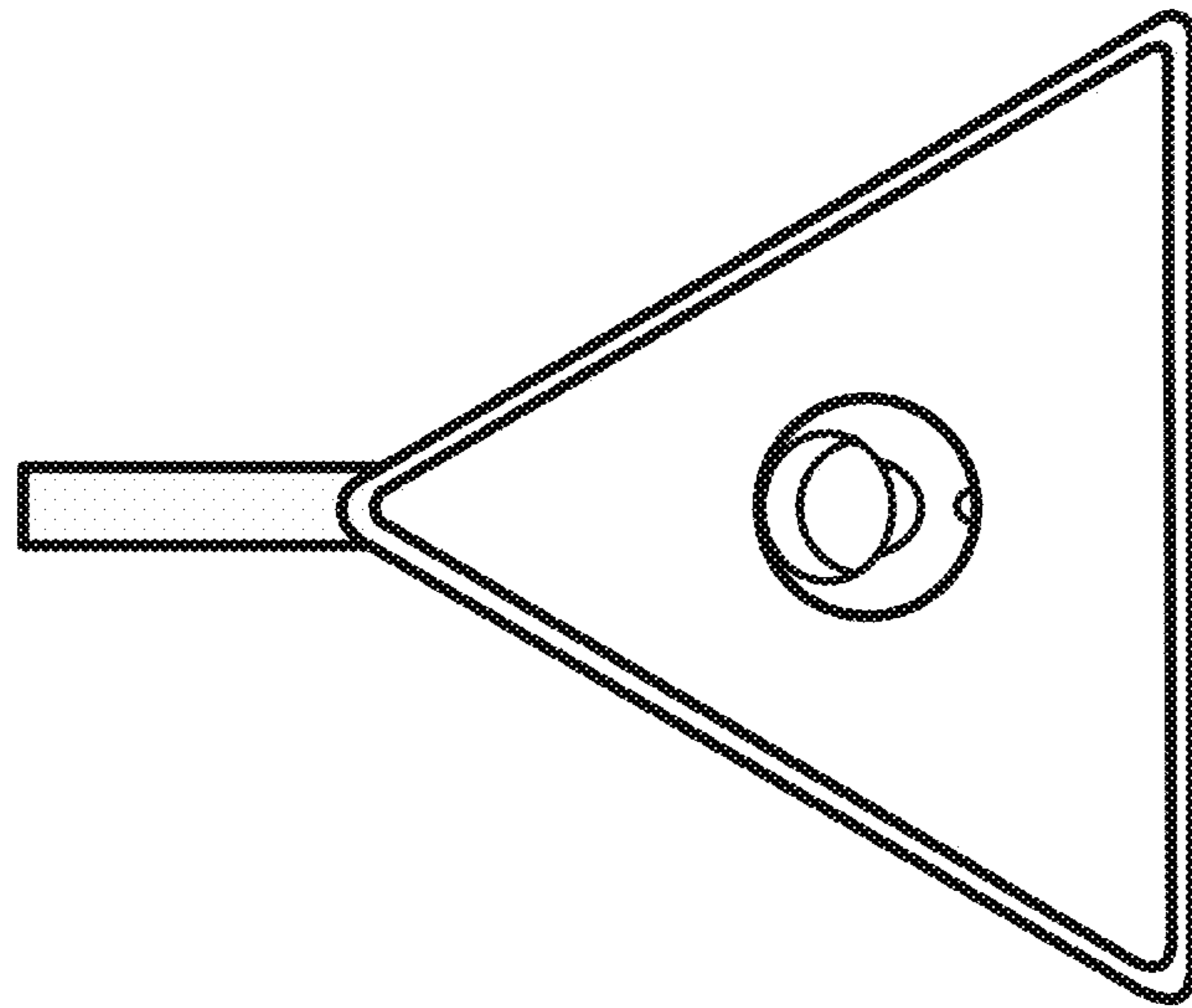


FIG. 23

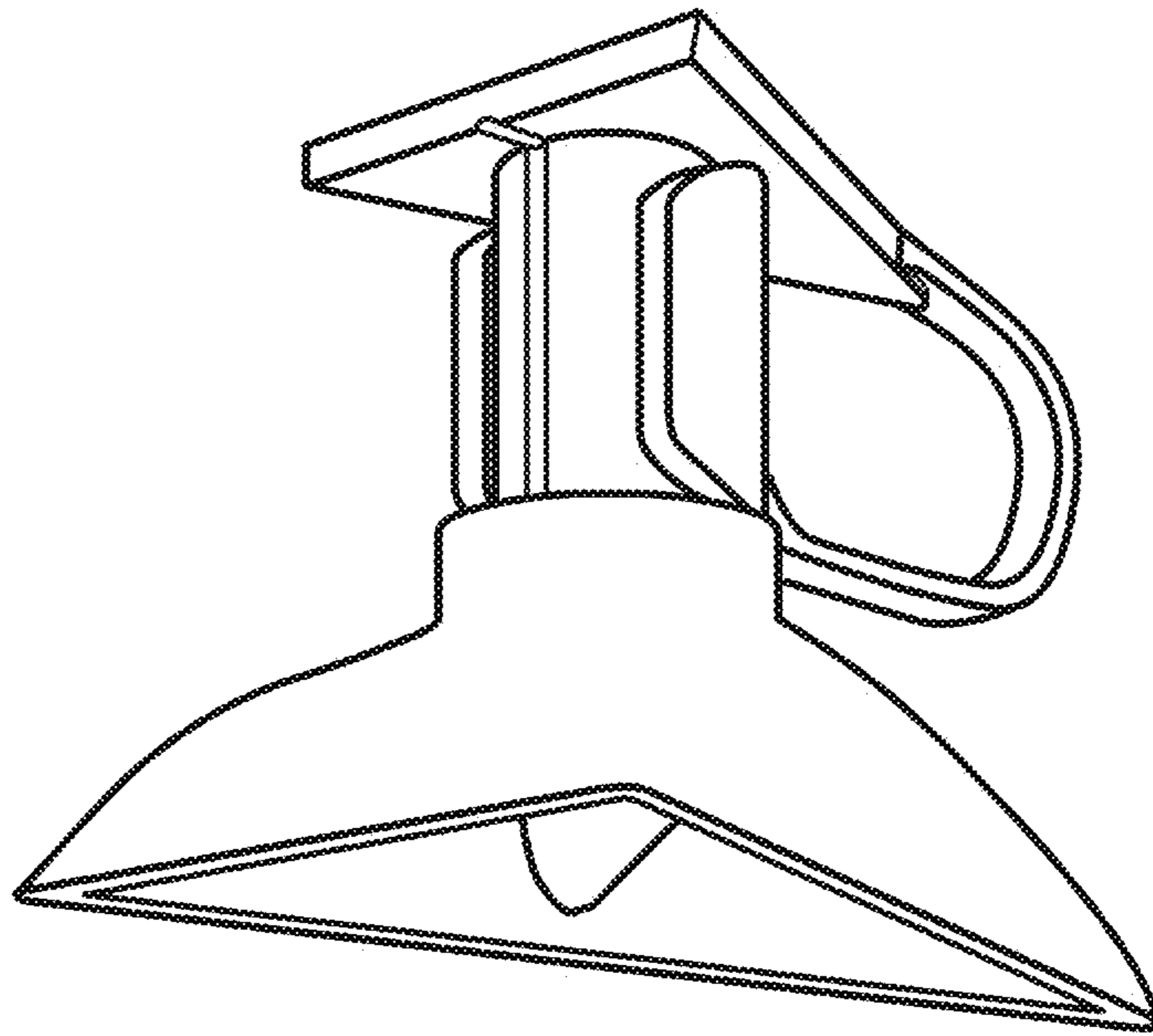


FIG. 24

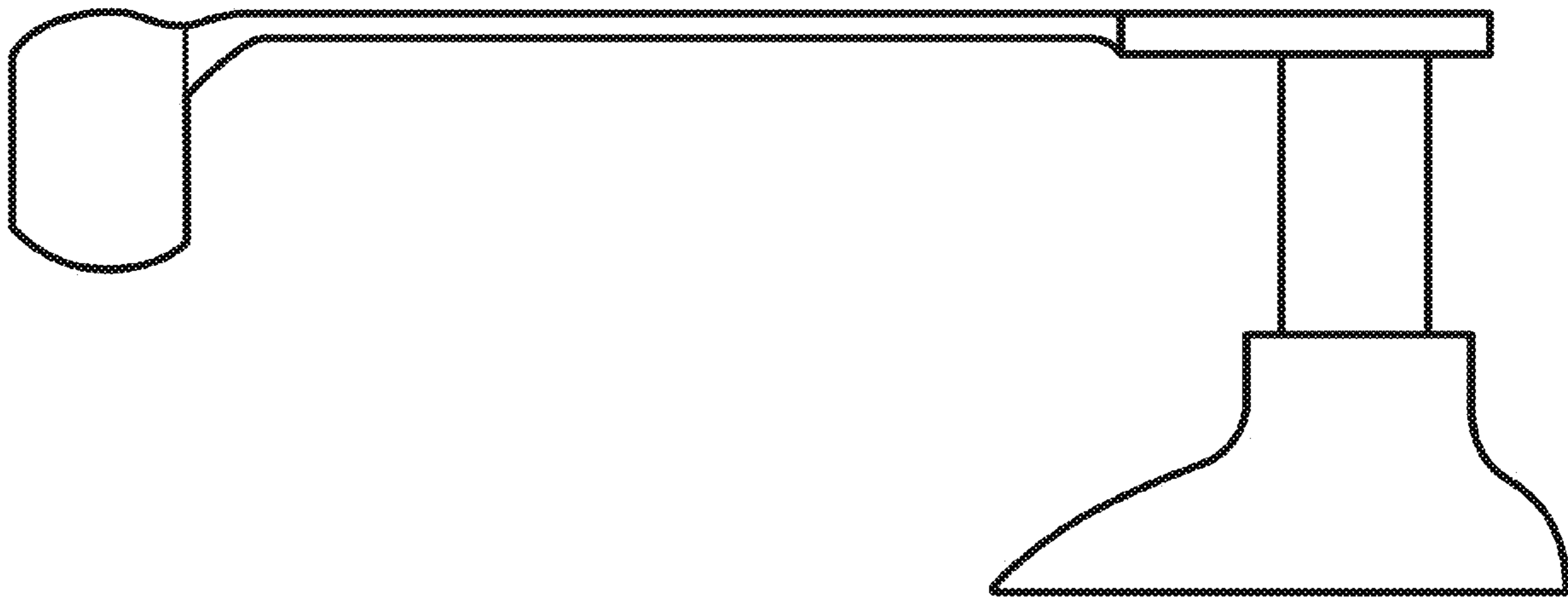


FIG. 25

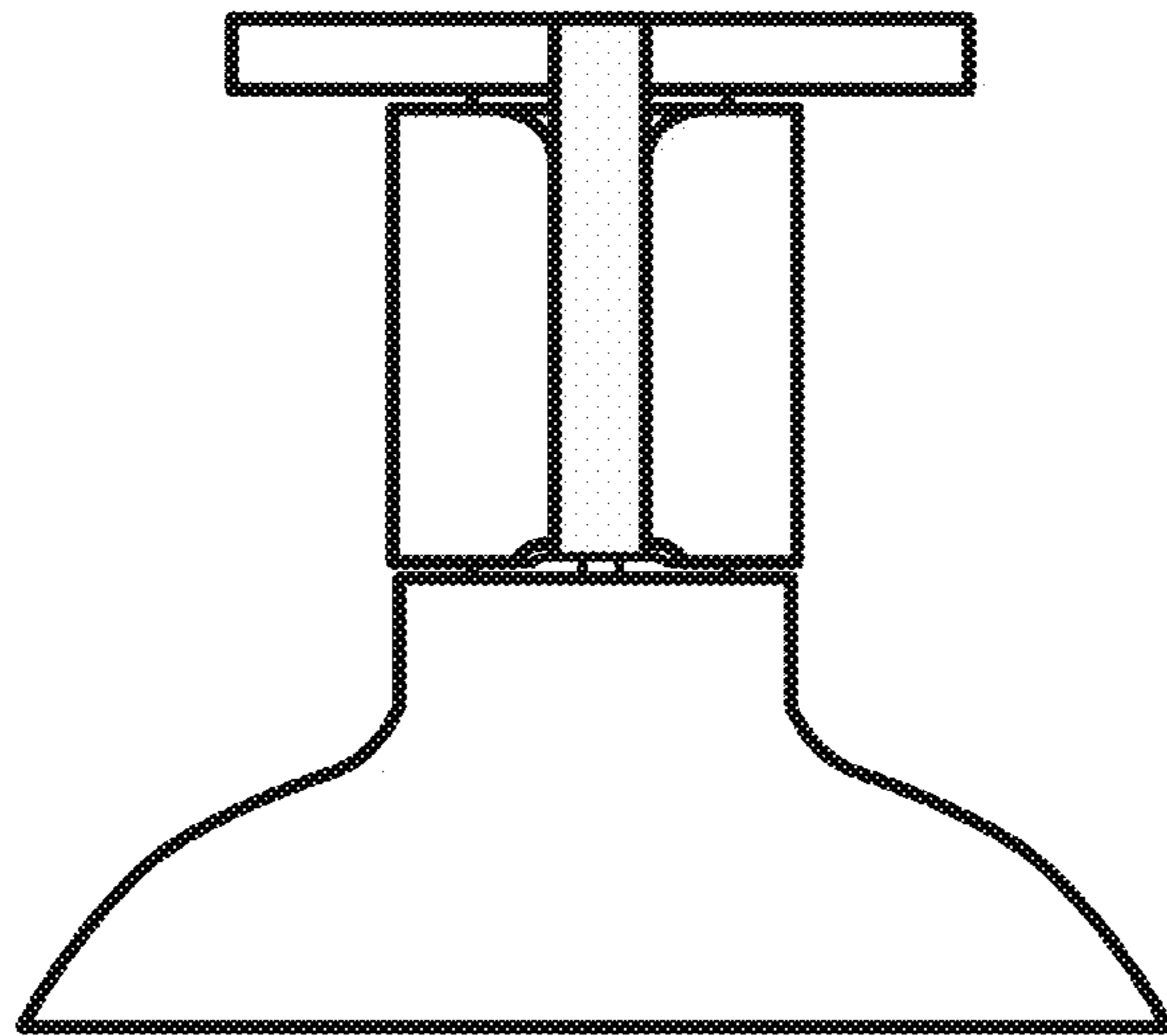


FIG. 26

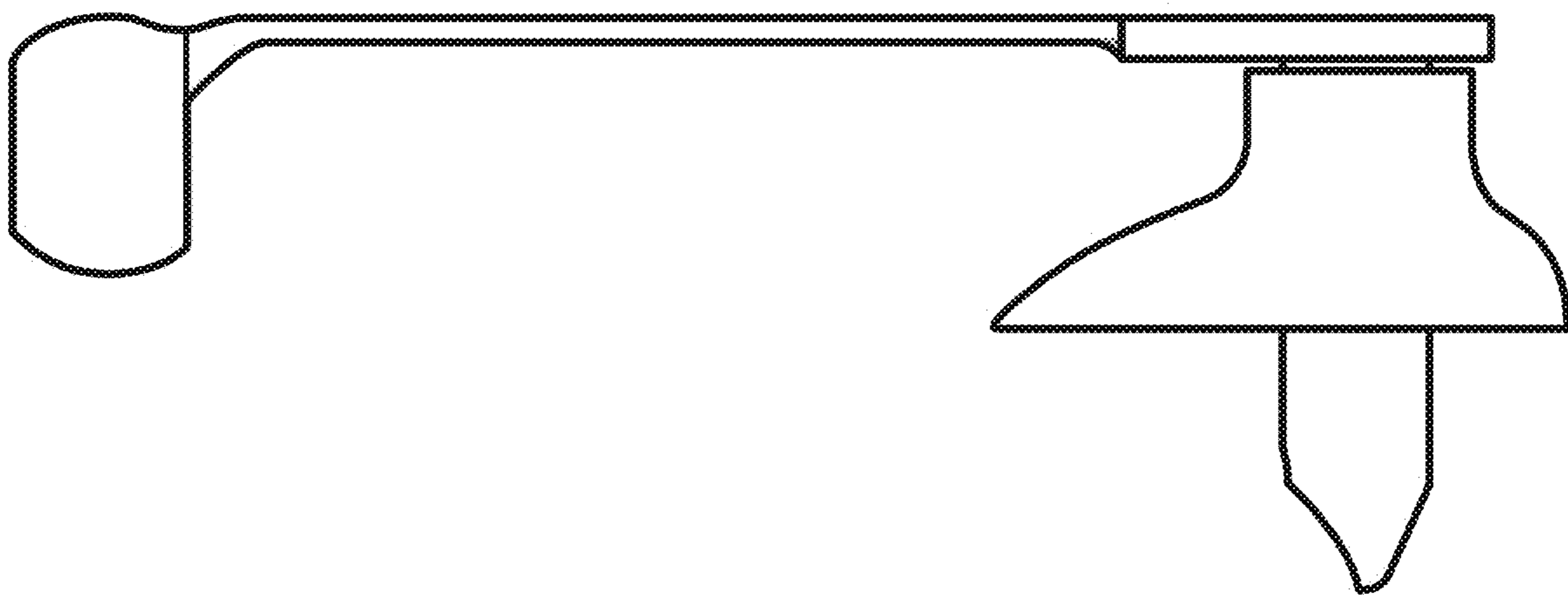


FIG. 27