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(12) **United States Design Patent**
Gressett, Jr. et al.

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(45) **Date of Patent: ** Aug. 13, 2002**

(54) **LIQUID FILAMENT DISPENSING NOZZLE**

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(73) Assignee: **Nordson Corporation**, Westlake, OH (US)

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

(21) Appl. No.: **29/150,969**

(22) Filed: **Oct. 31, 2001**

(51) **LOC (7) Cl.** **15-09**
(52) **U.S. Cl.** **D15/144.1**
(58) **Field of Search** D15/144, 144.1, D15/144.2; 118/302, 313, 323, 697; 222/1, 146.5, 189, 482, 504; 239/415; 427/286, 288.2; 901/143

(56) **References Cited**

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Primary Examiner—Antoine Duval Davis
(74) *Attorney, Agent, or Firm*—Wood, Herron & Evans, L.L.P.

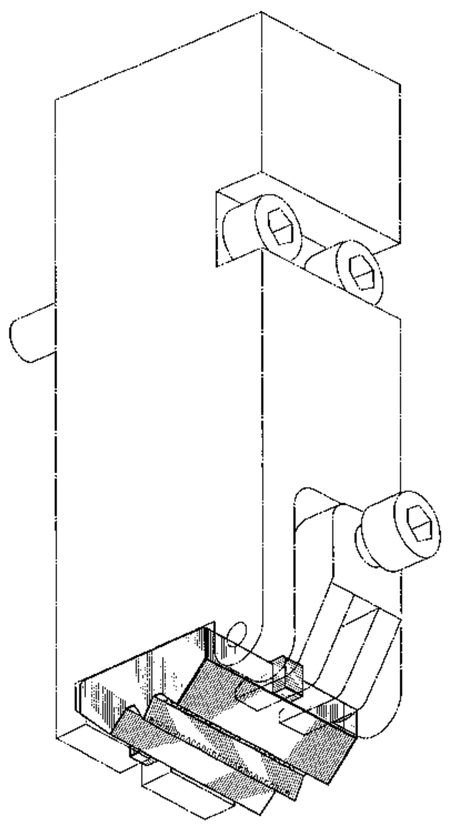
(57) **CLAIM**

The ornamental design for a liquid filament dispensing nozzle, as shown and described.

DESCRIPTION

FIG. **1** is a bottom perspective view of the liquid filament dispensing nozzle illustrated as a first embodiment of the invention;
FIG. **2** is a front view of FIG. **1**, the rear view being a mirror image of the front view;
FIG. **3** is a right side view of FIG. **1**, the left side view being a mirror image of the right side view;
FIG. **4** is a bottom view of FIG. **1**;
FIG. **5** is a top view of FIG. **1**;
FIG. **6** is a bottom perspective view of a second embodiment of the invention;
FIG. **7** is a front view of FIG. **6**, the rear view being a mirror image of the front view;
FIG. **8** is a right side view of FIG. **6**;
FIG. **9** is a left side view of FIG. **6**;
FIG. **10** is a bottom view of FIG. **6**;
FIG. **11** is a top view of FIG. **6**;
FIG. **12** is a bottom perspective view of a third alternative embodiment of the present invention;
FIG. **13** is a front view of FIG. **12**, the rear view being a mirror image of the front view;
FIG. **14** is a left side view of FIG. **12**, the right side view being a mirror image of the left side view;
FIG. **15** is a bottom view of FIG. **12**;
FIG. **16** is a top view of FIG. **12**;
FIG. **17** is a bottom perspective view of the fourth alternative embodiment of the present invention;
FIG. **18** is a front view of FIG. **17**, the rear view being a mirror image of the front view;
FIG. **19** is a right side view of FIG. **17**, the left side view being a mirror image of the right side view;
FIG. **20** is a top view of FIG. **17**;
FIG. **21** is a bottom view of FIG. **17**;
FIG. **22** if a bottom perspective view of a fifth embodiment of the present invention;
FIG. **23** is a front view of FIG. **22**, the rear view being a mirror image of the front view;
FIG. **24** is a right side view of FIG. **22**, the left side view being a mirror image of the right side view;
FIG. **25** is a top view of FIG. **22**; and,
FIG. **26** is a bottom perspective view of FIG. **22**.
The elements shown in dash-dot lines form no part of the claimed invention, and are instead included to show environmental aspects of the claimed invention.

1 Claim, 10 Drawing Sheets



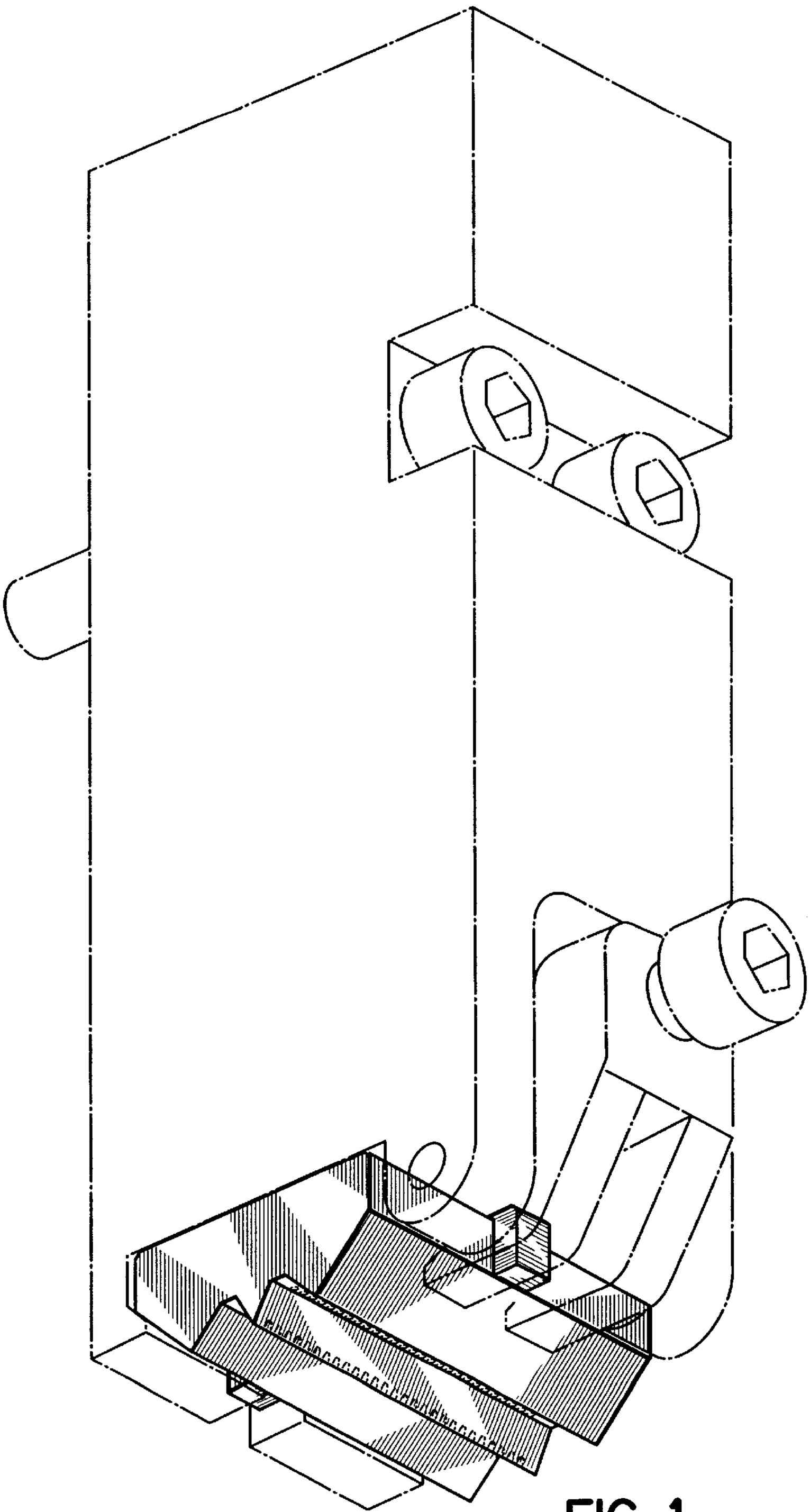


FIG. 1

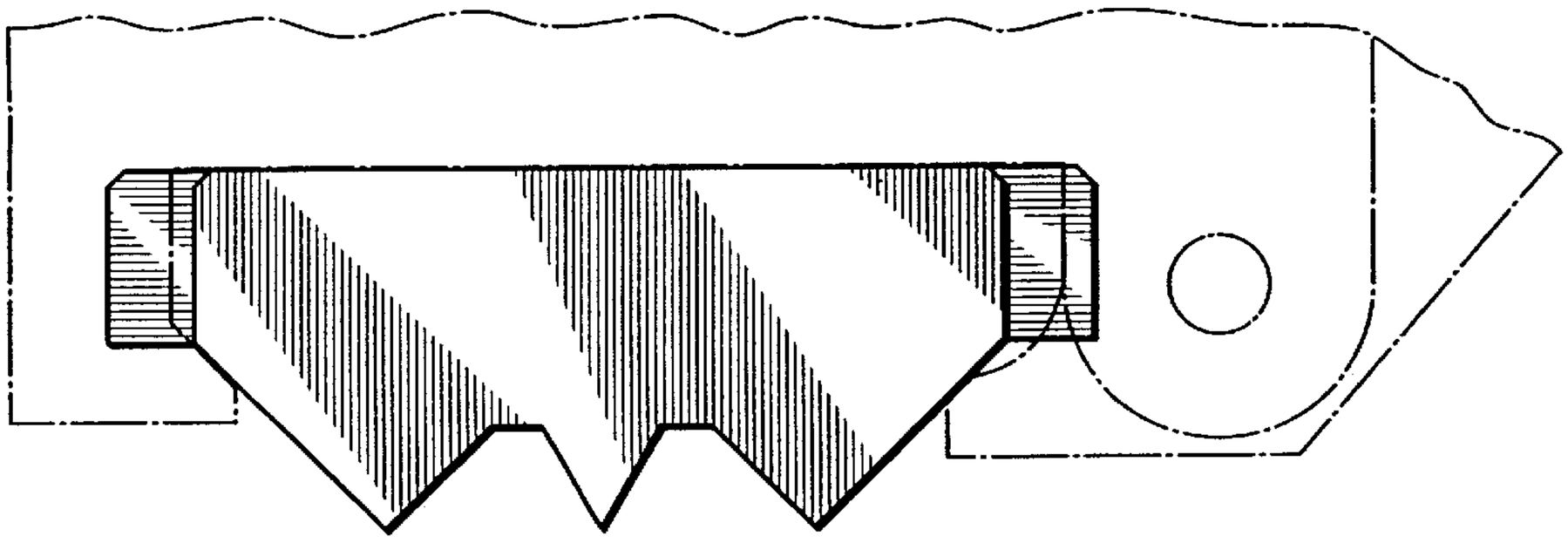


FIG. 2

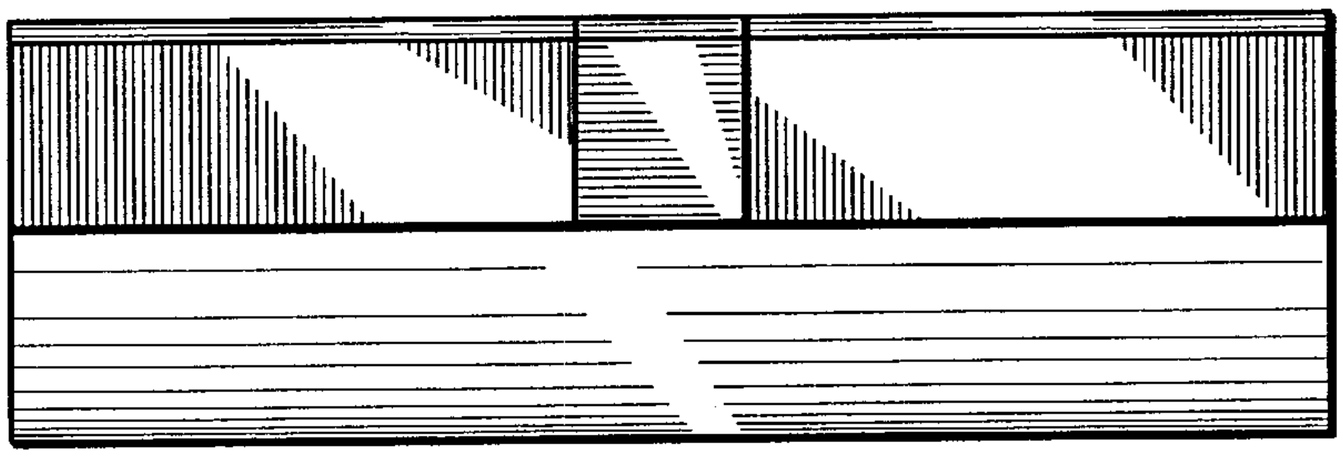


FIG. 3

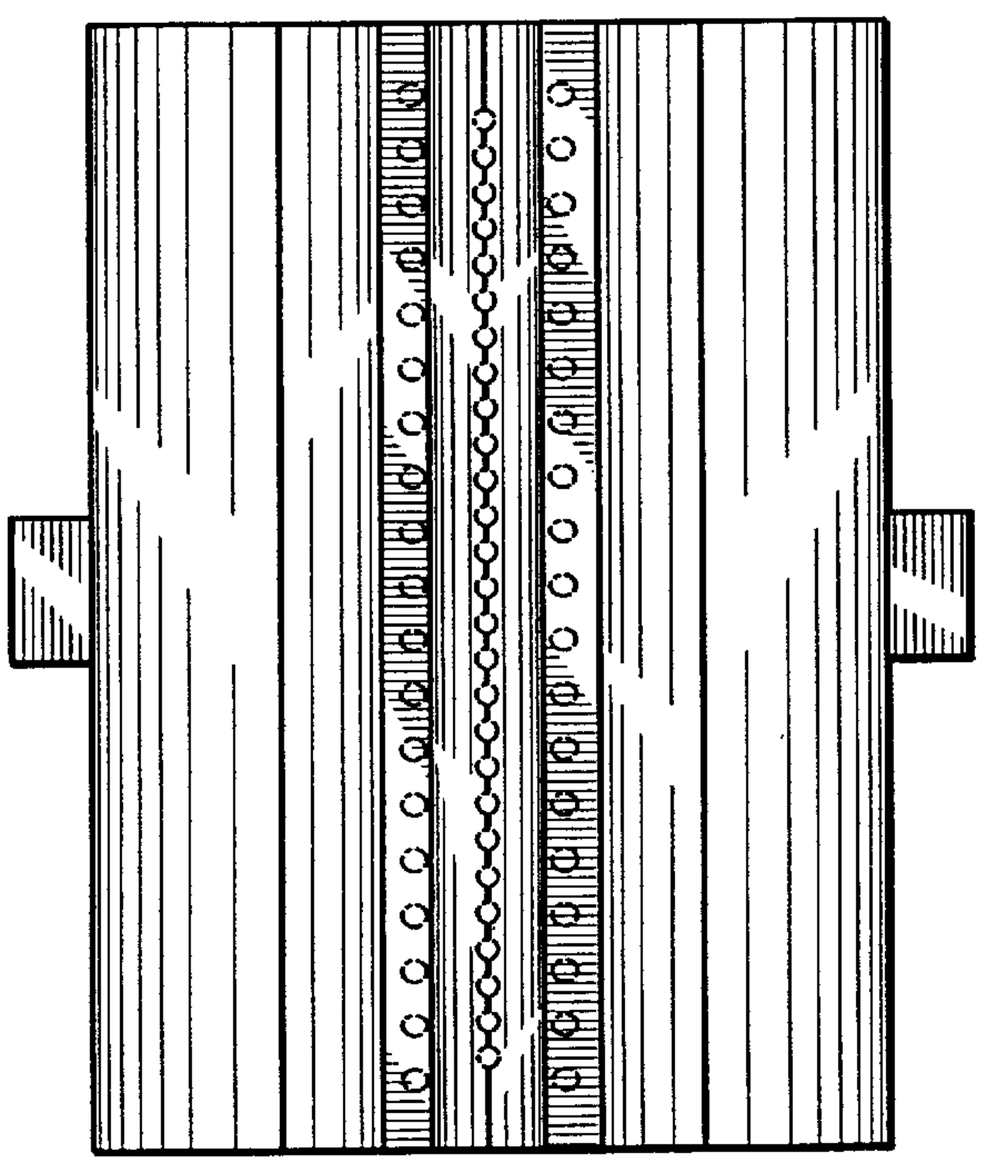


FIG. 4

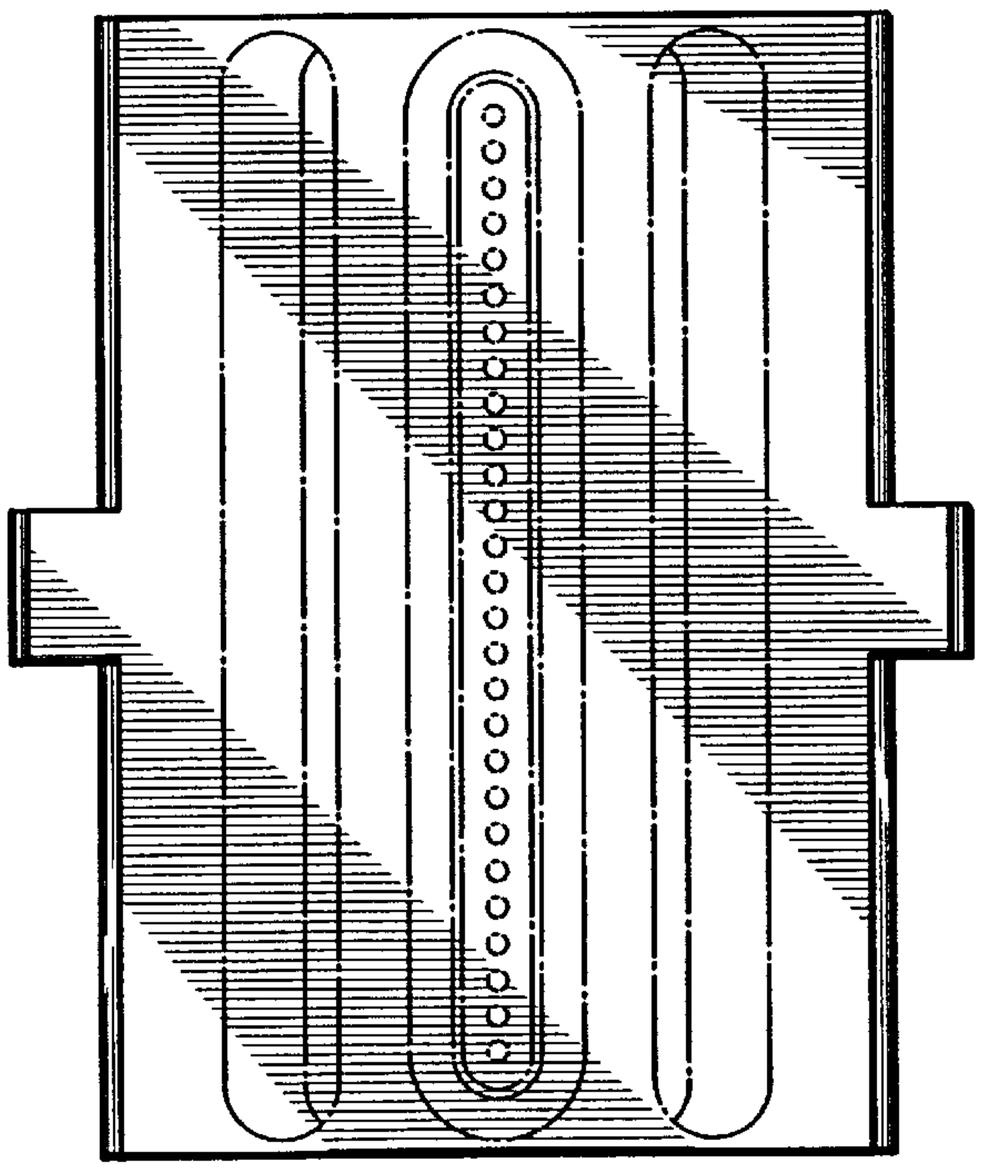


FIG. 5

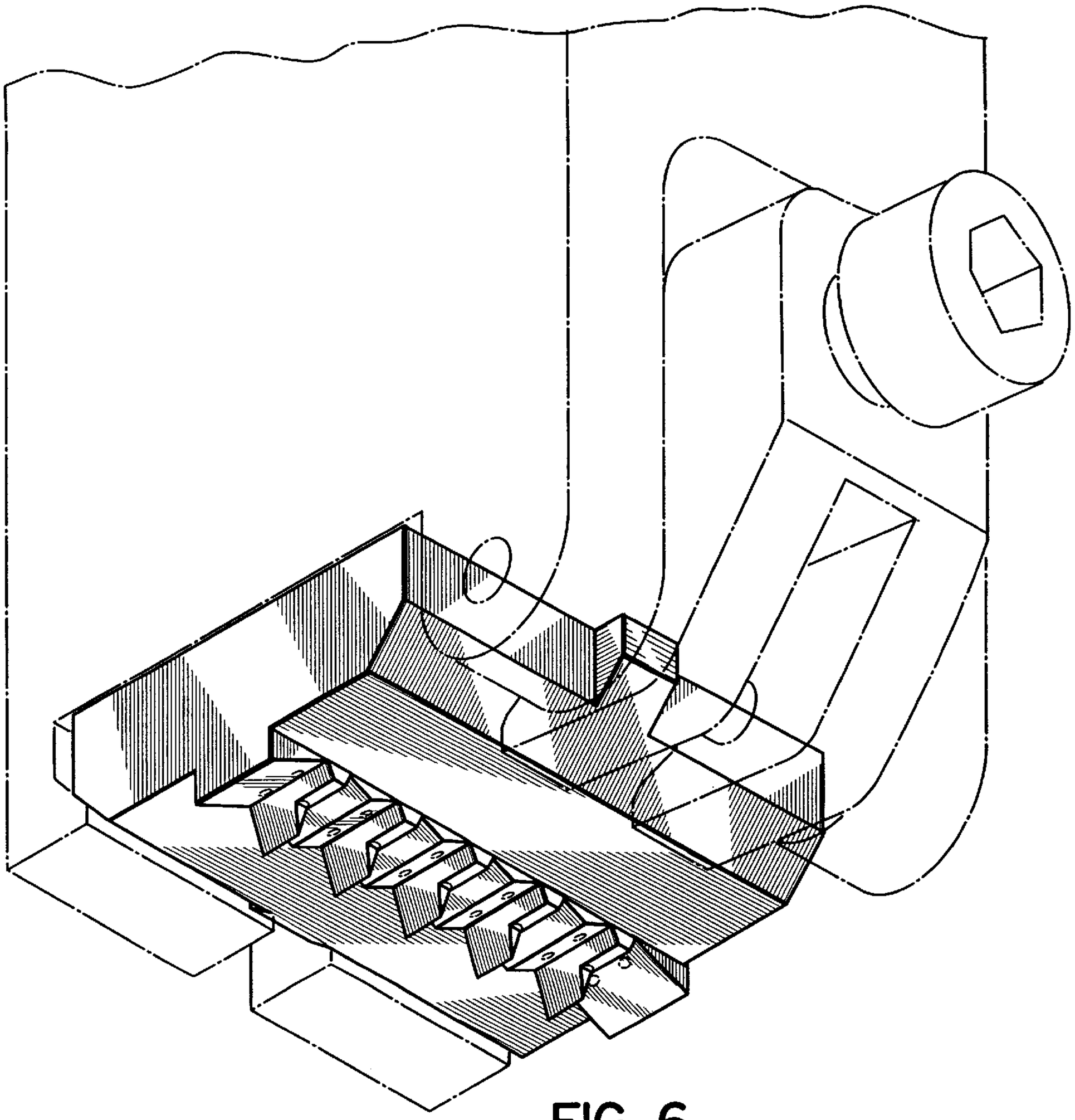


FIG. 6

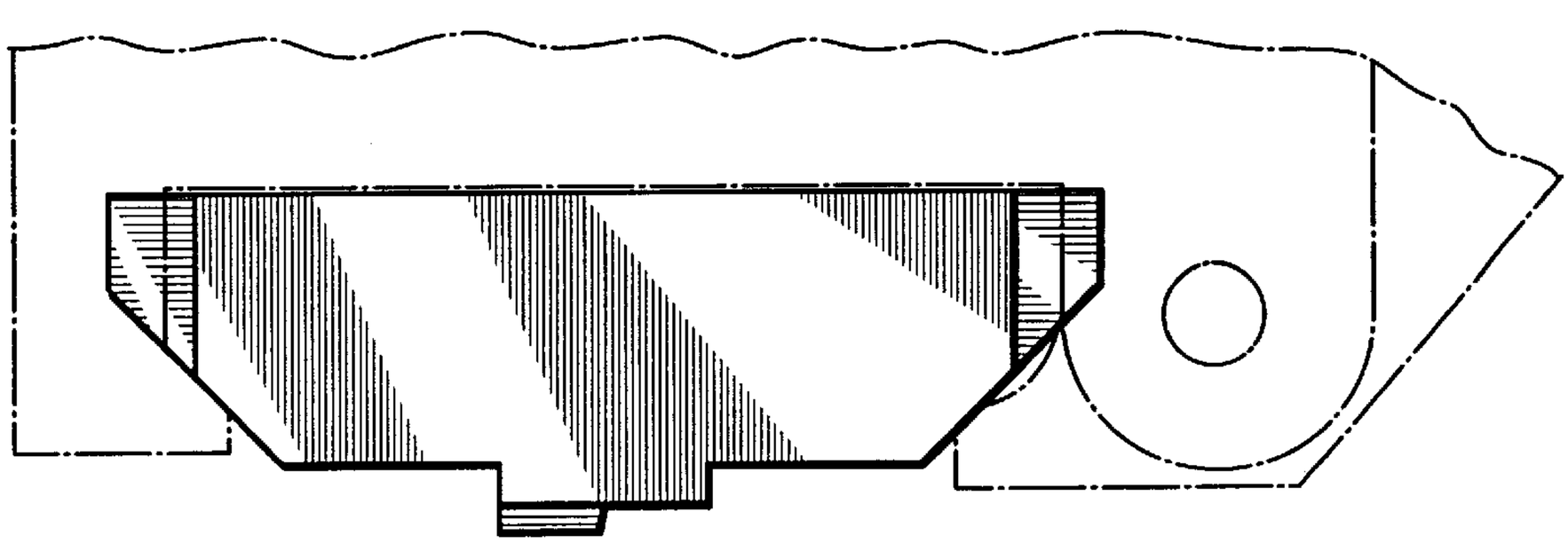


FIG. 7

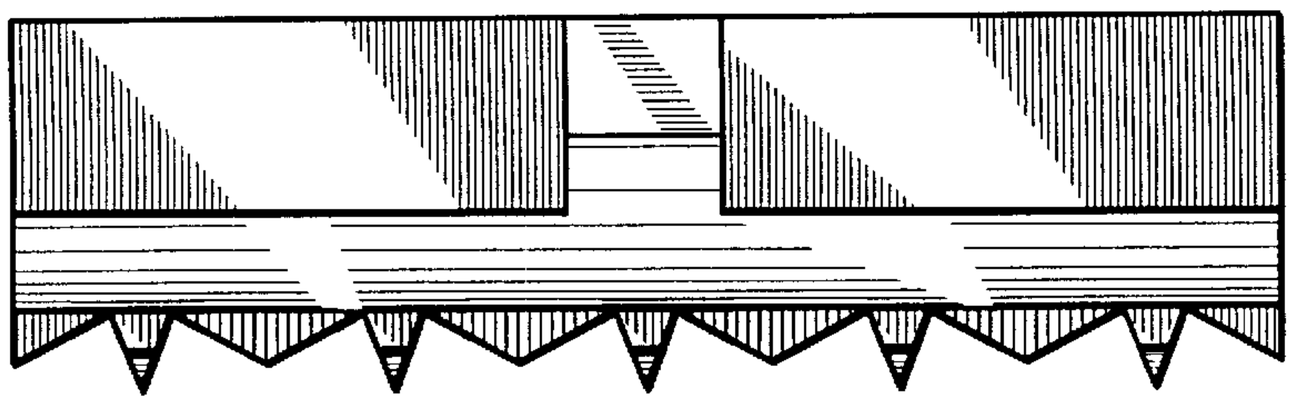


FIG. 8

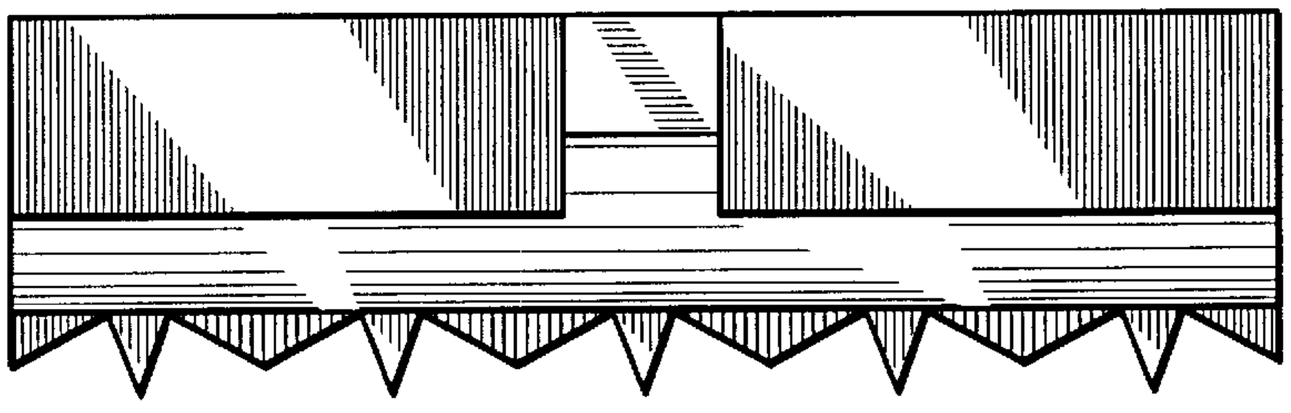


FIG. 9

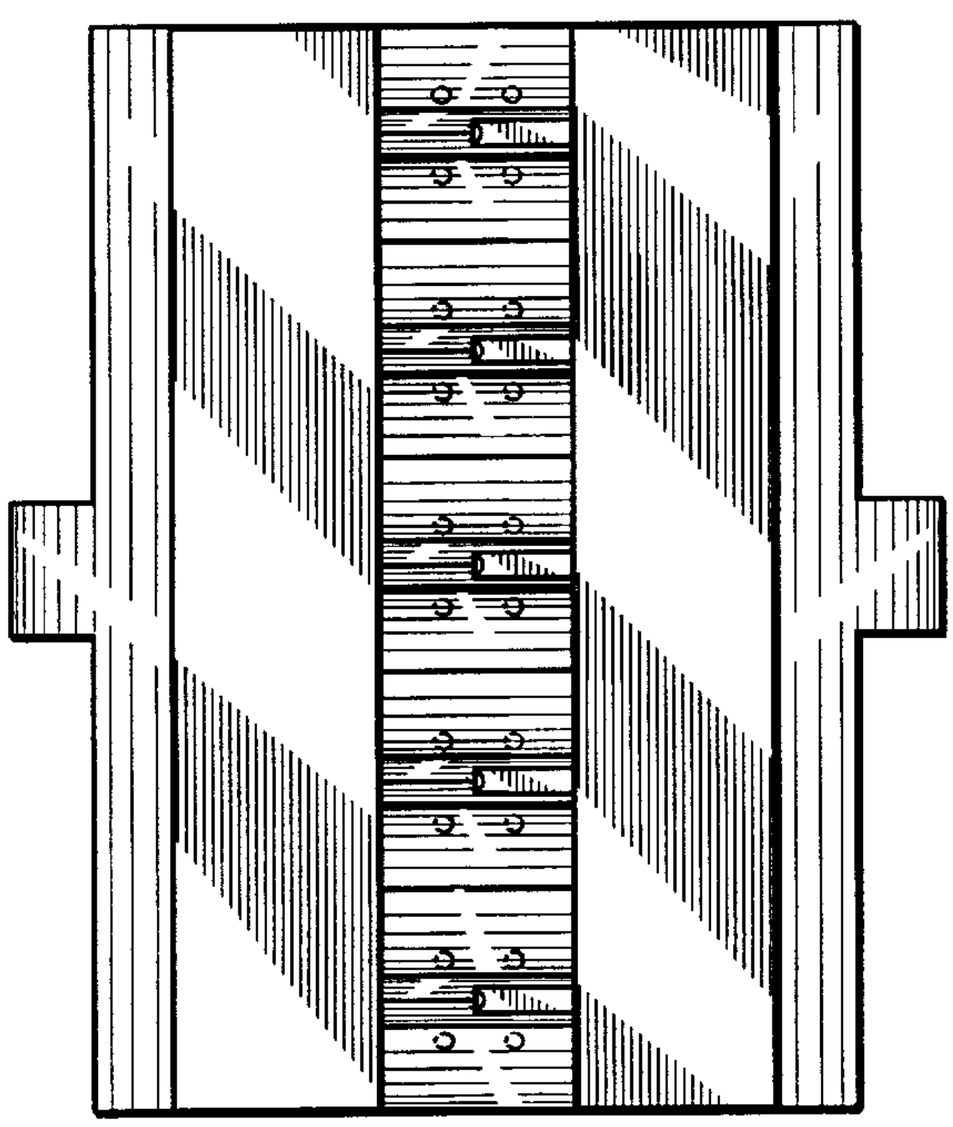


FIG. 10

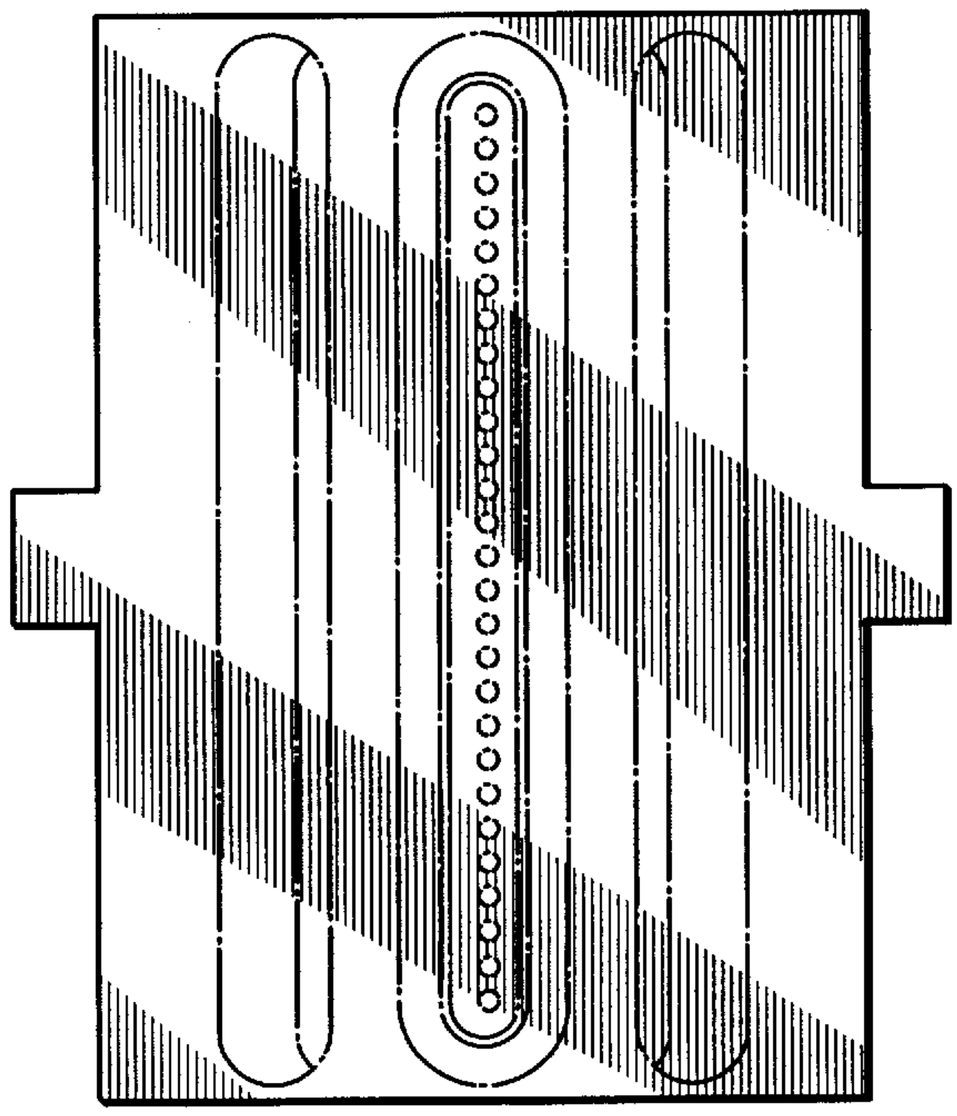


FIG. 11

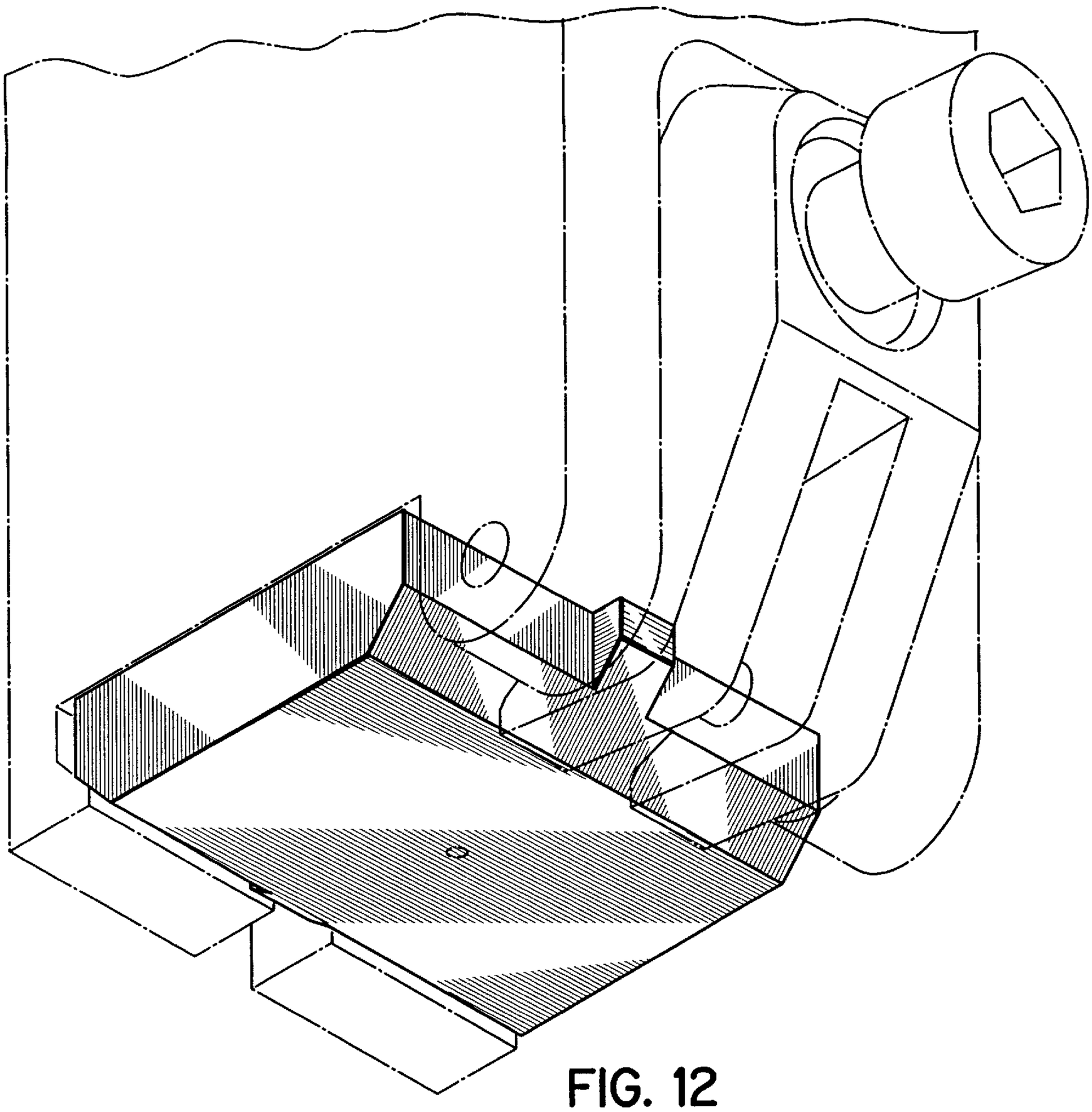


FIG. 12

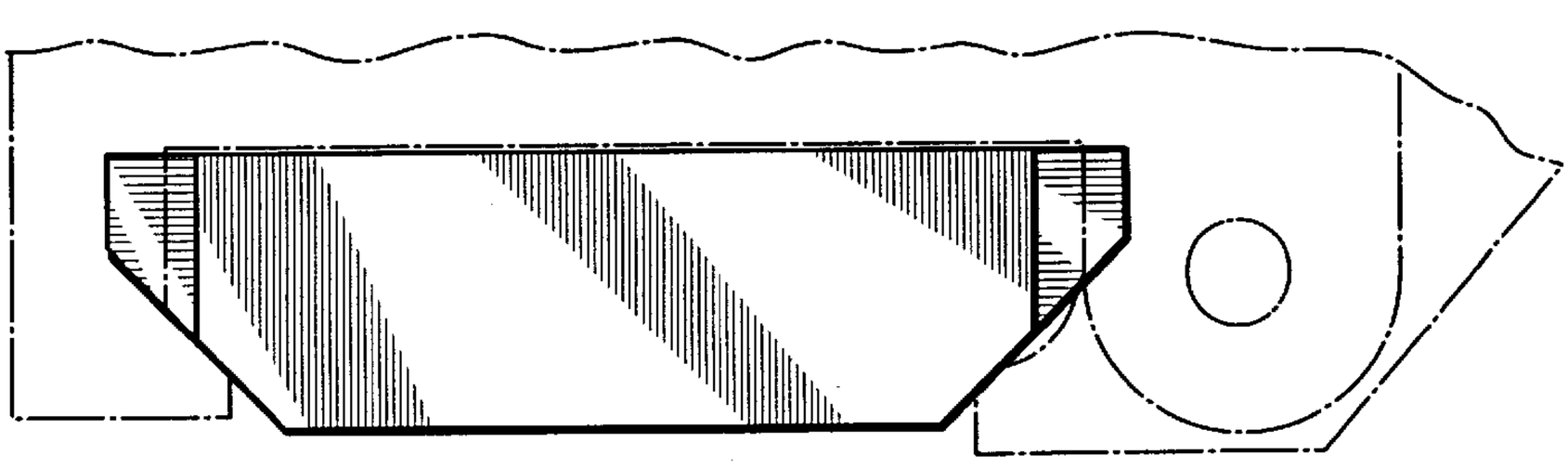


FIG. 13

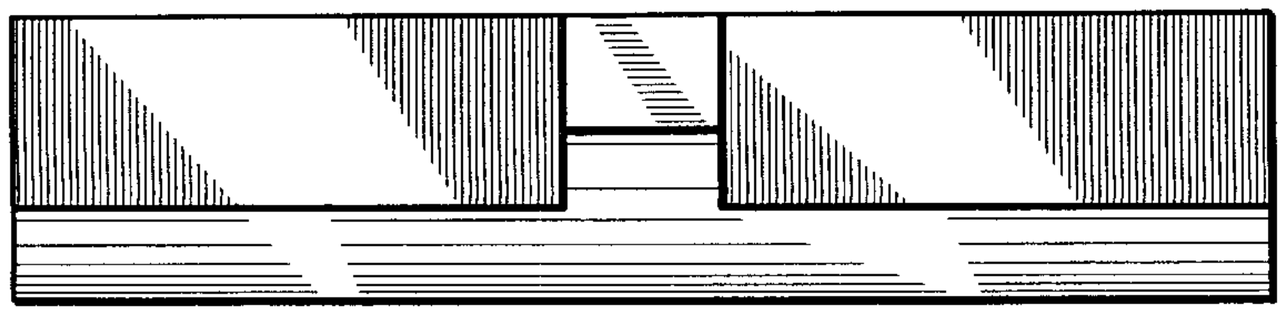


FIG. 14

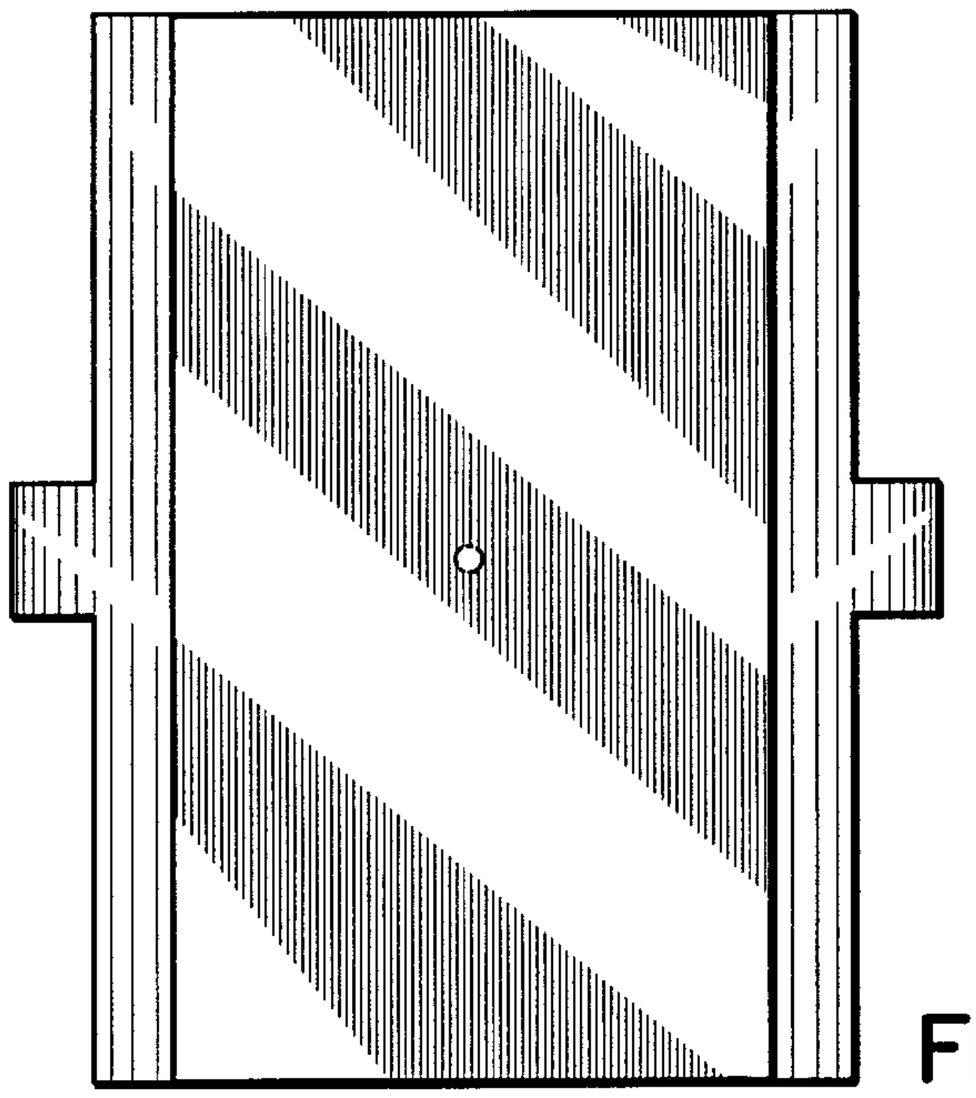


FIG. 15

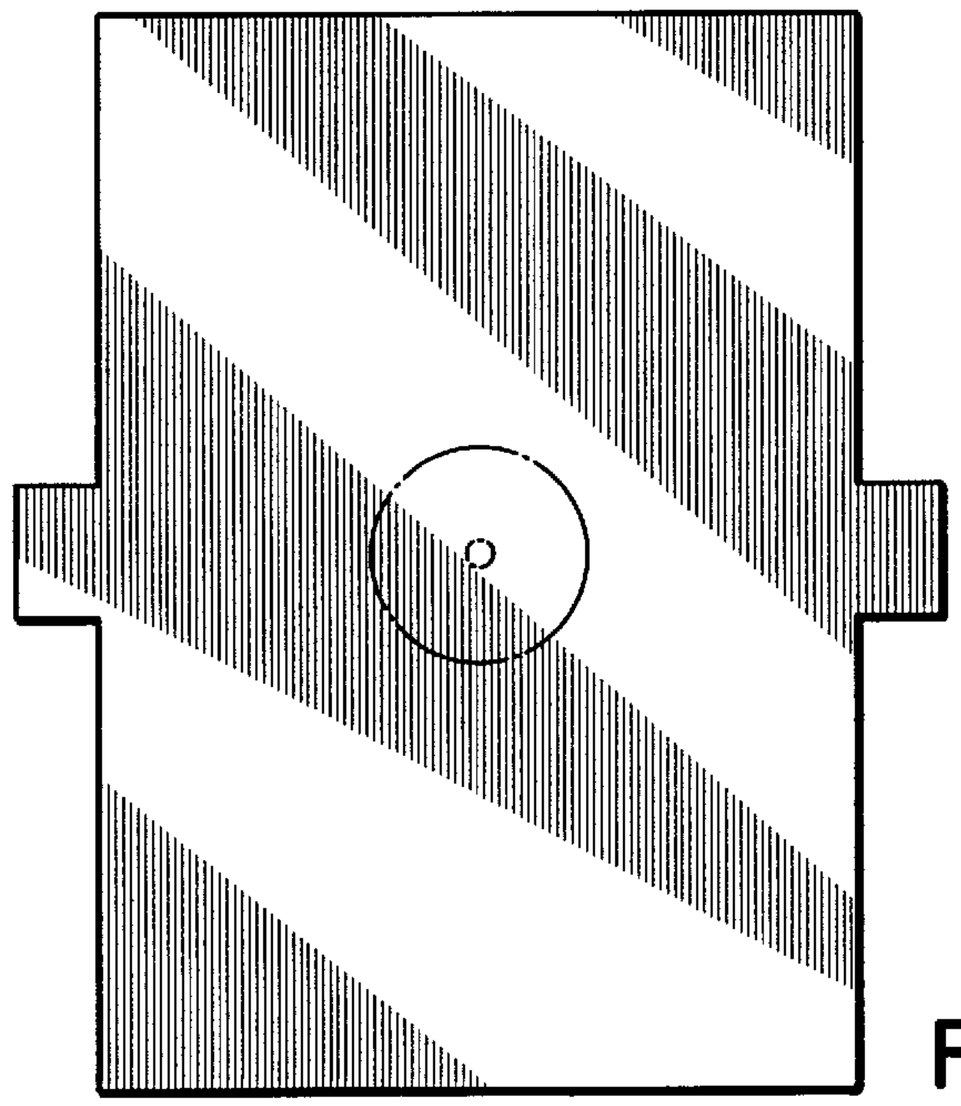


FIG. 16

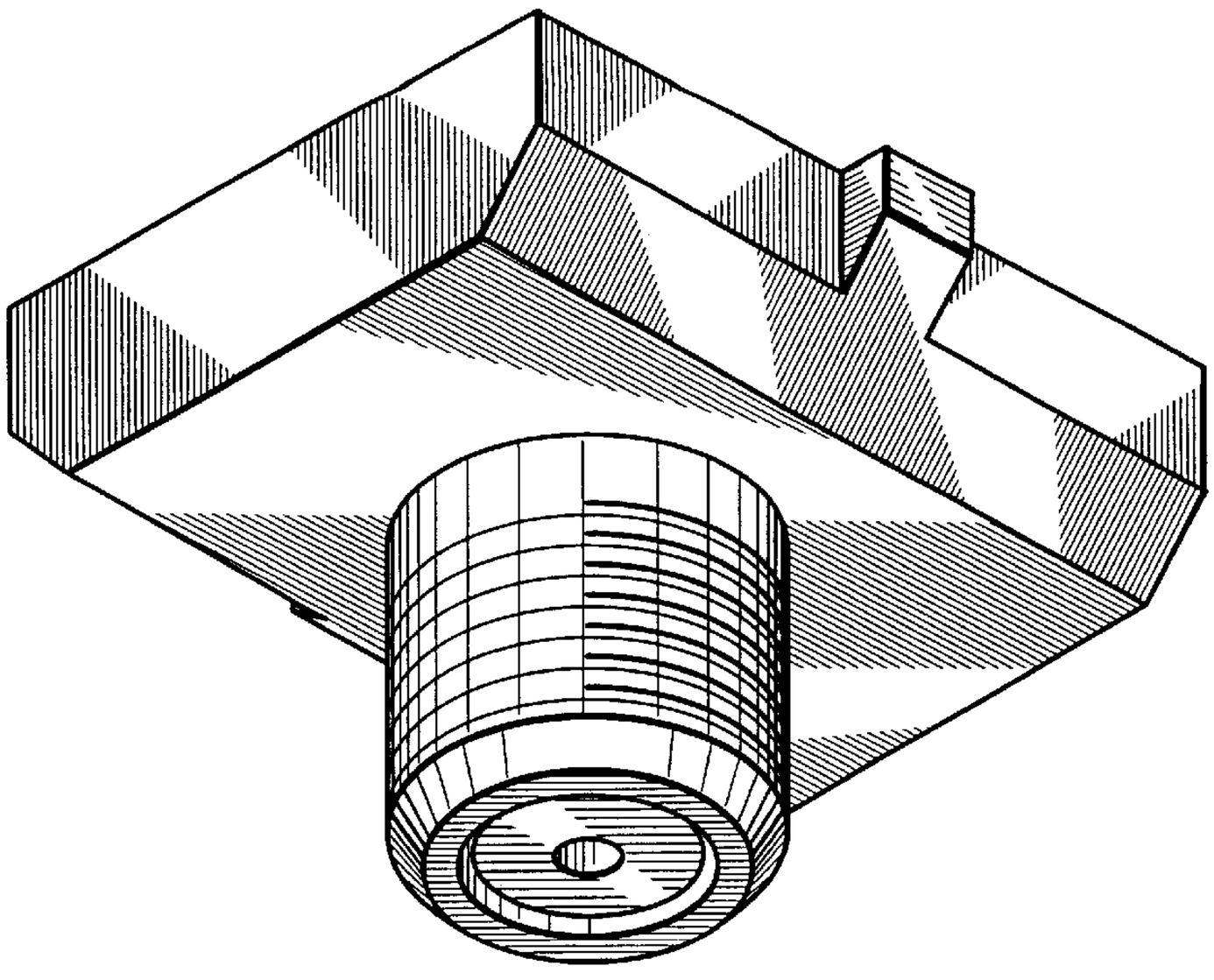


FIG. 17

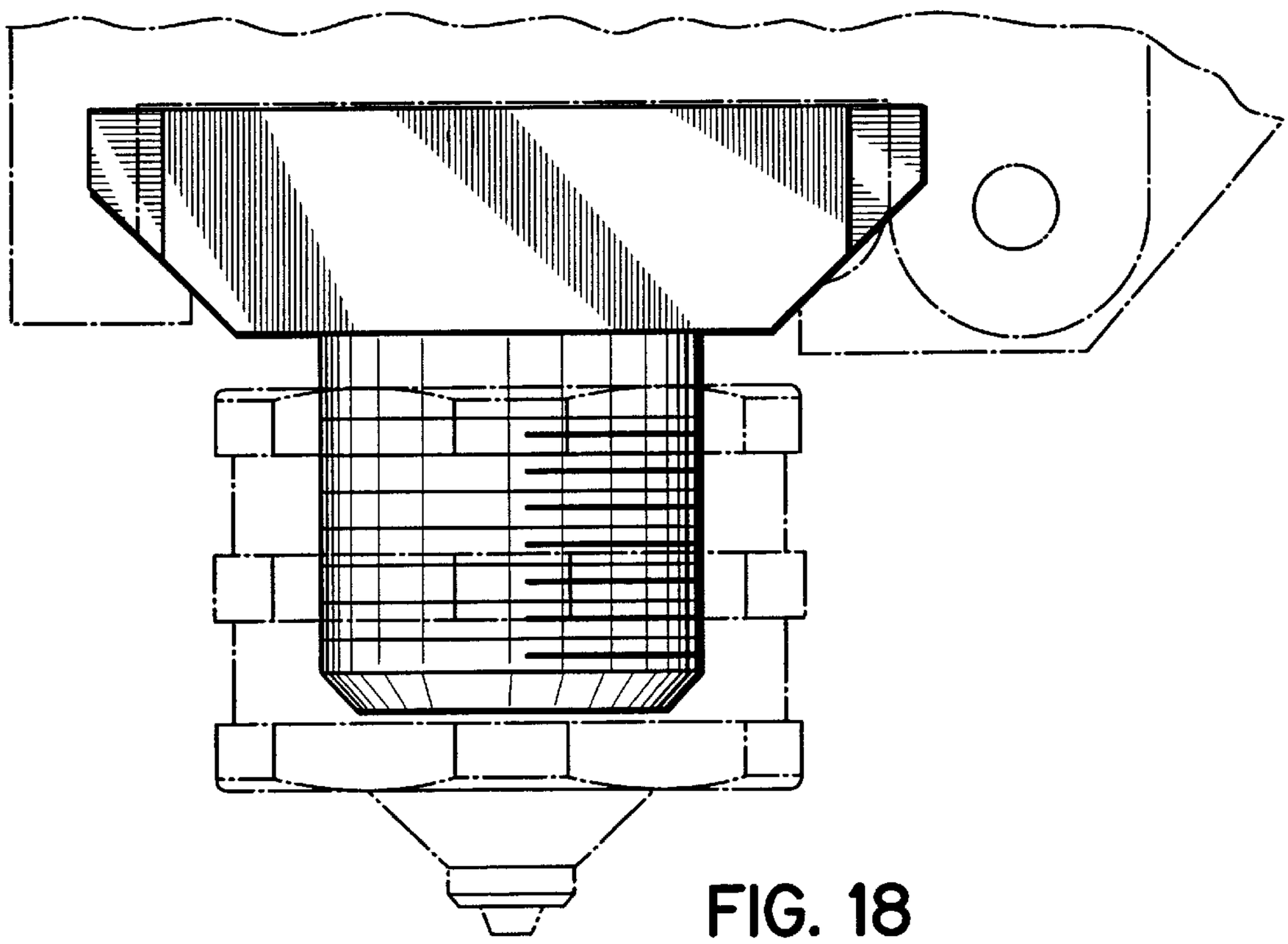


FIG. 18

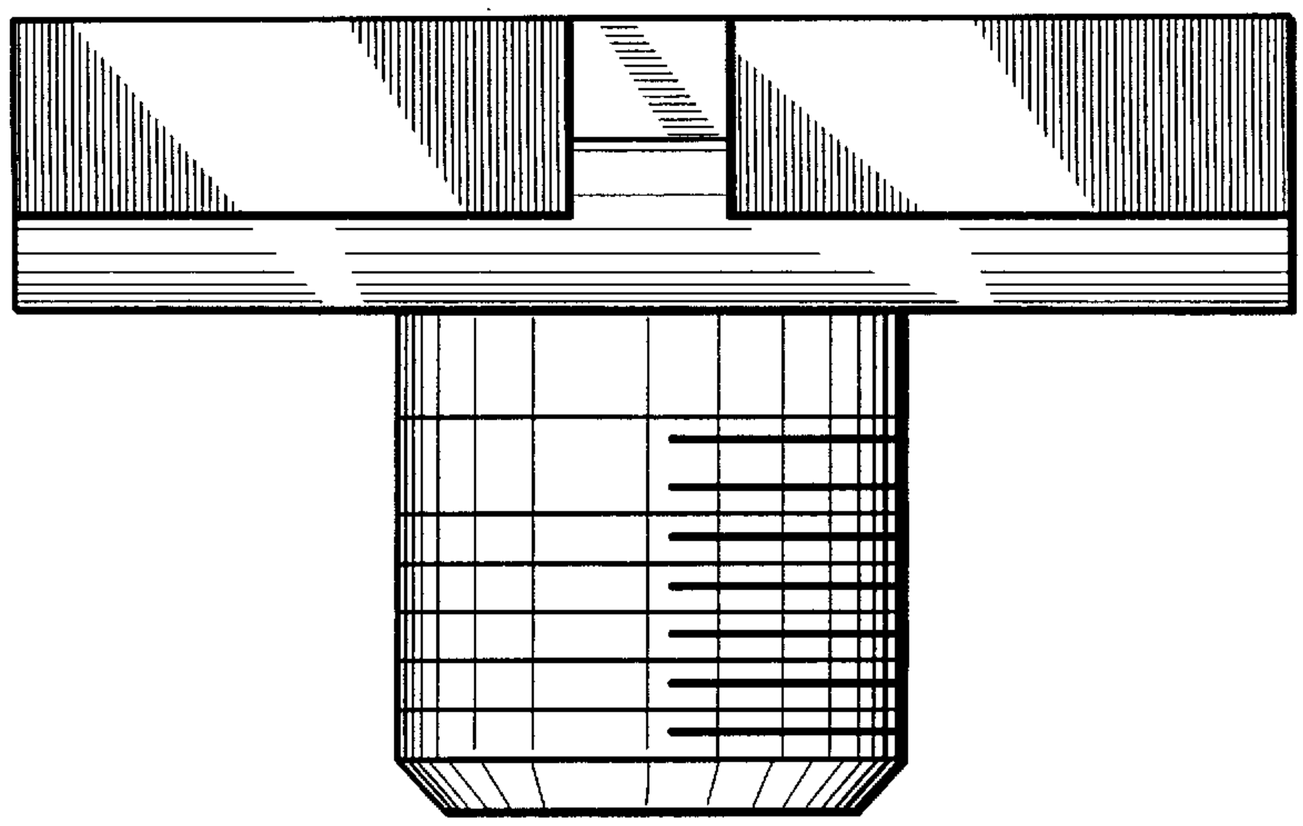


FIG. 19

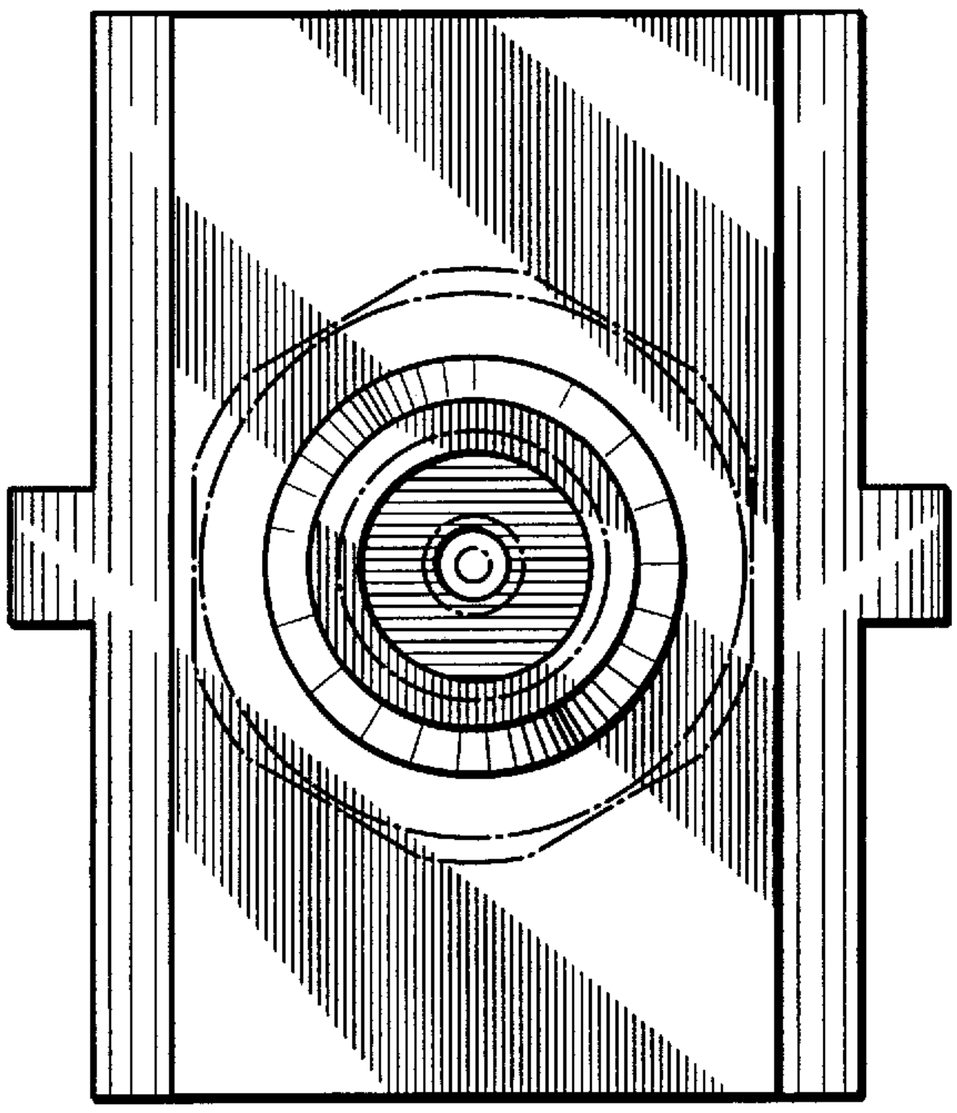


FIG. 20

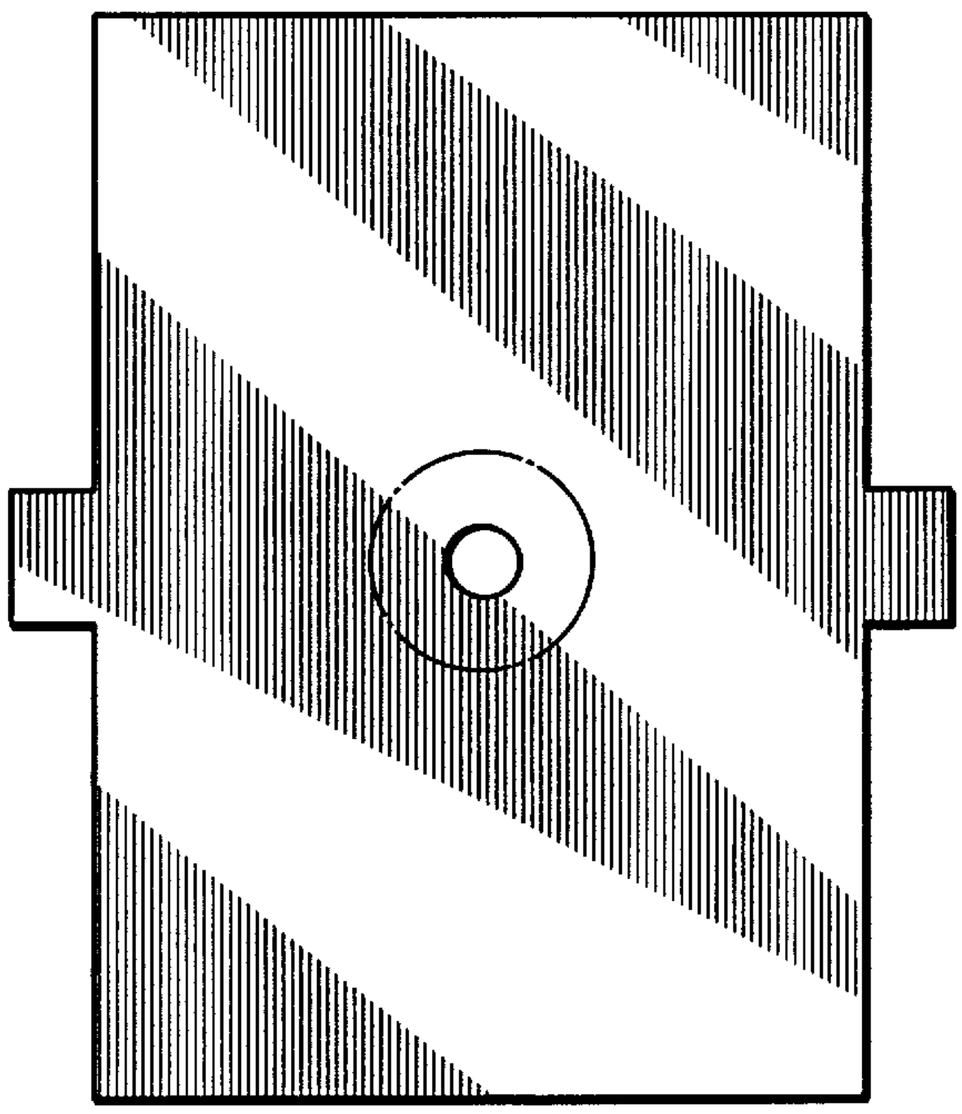


FIG. 21

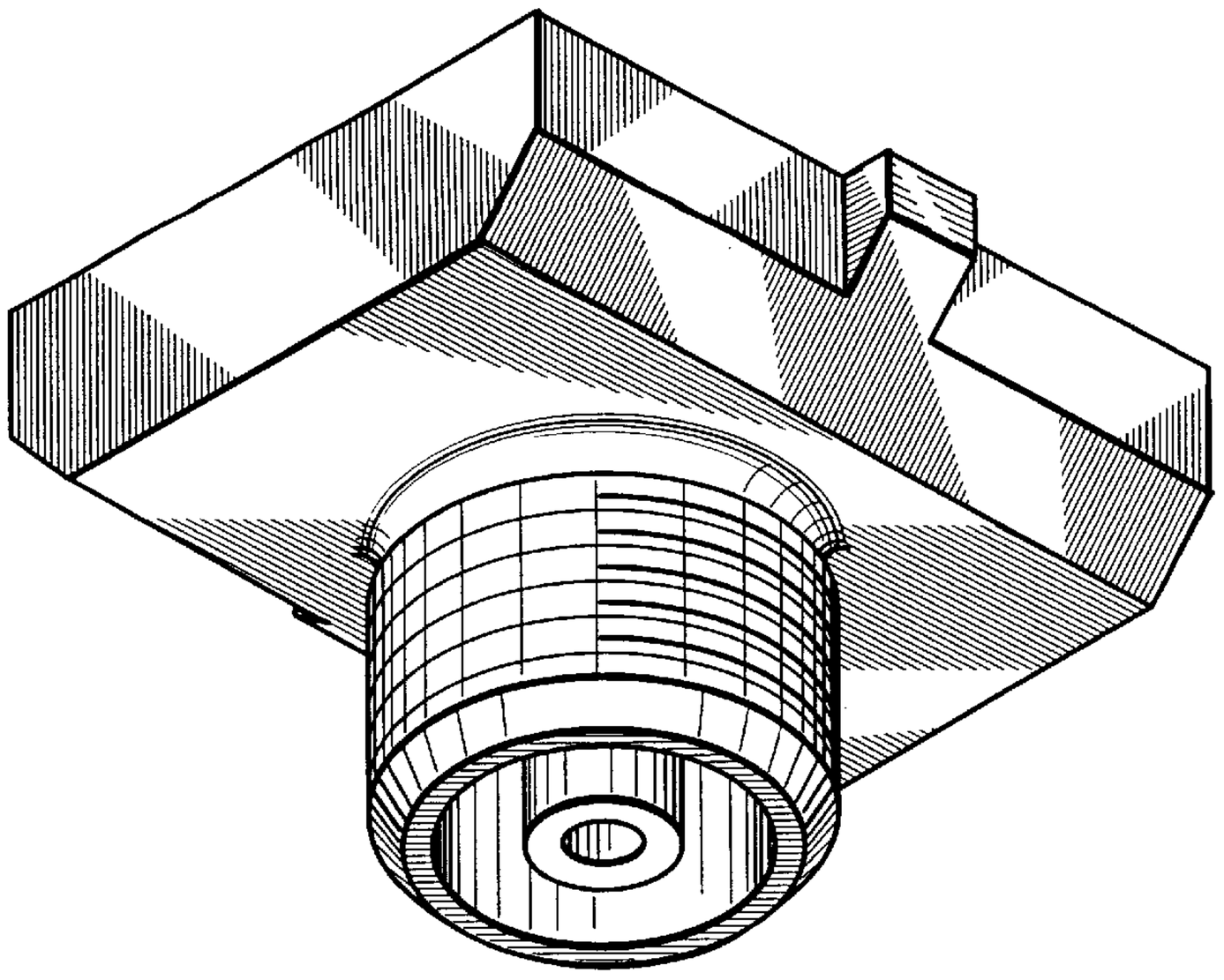


FIG. 22

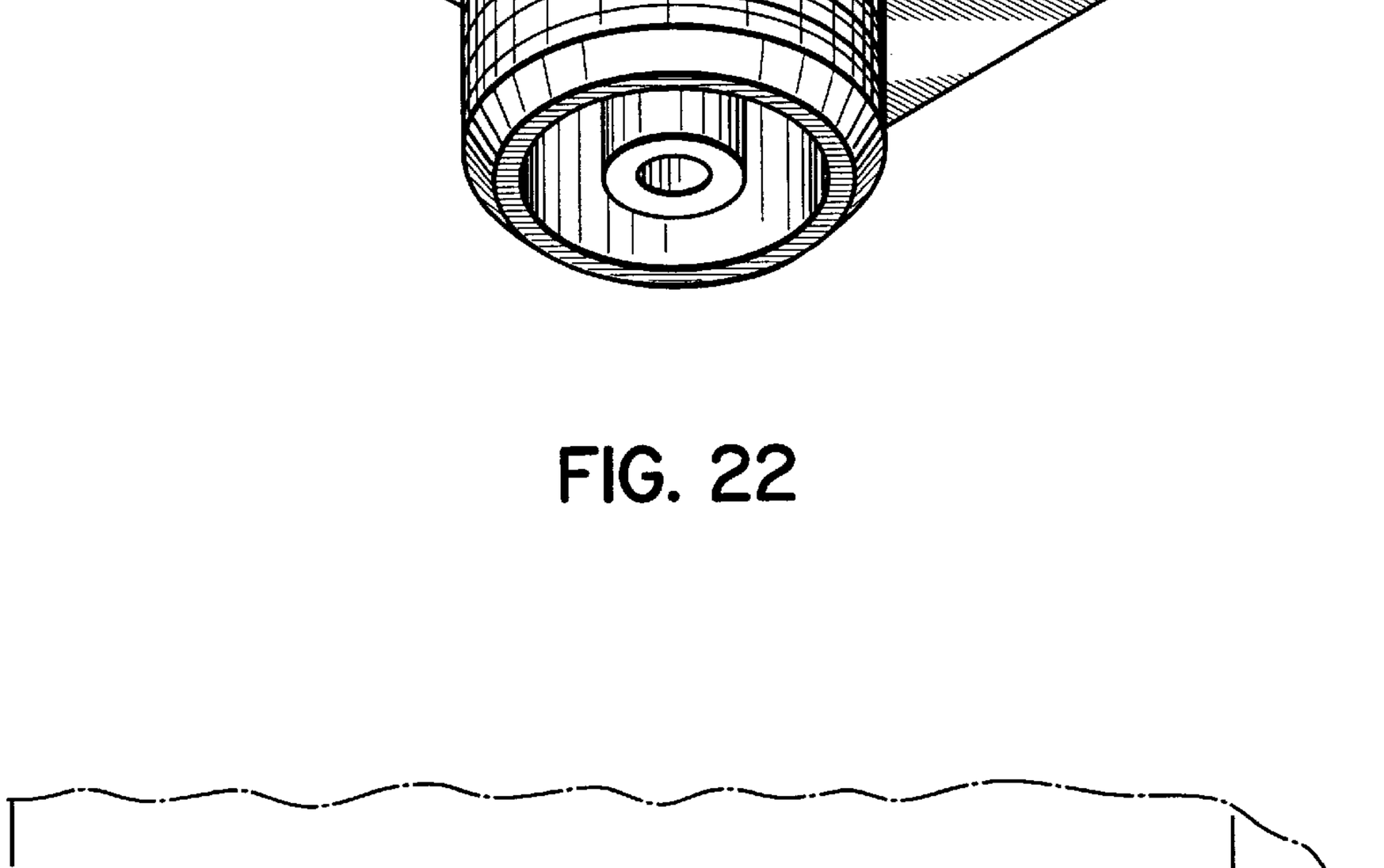


FIG. 23

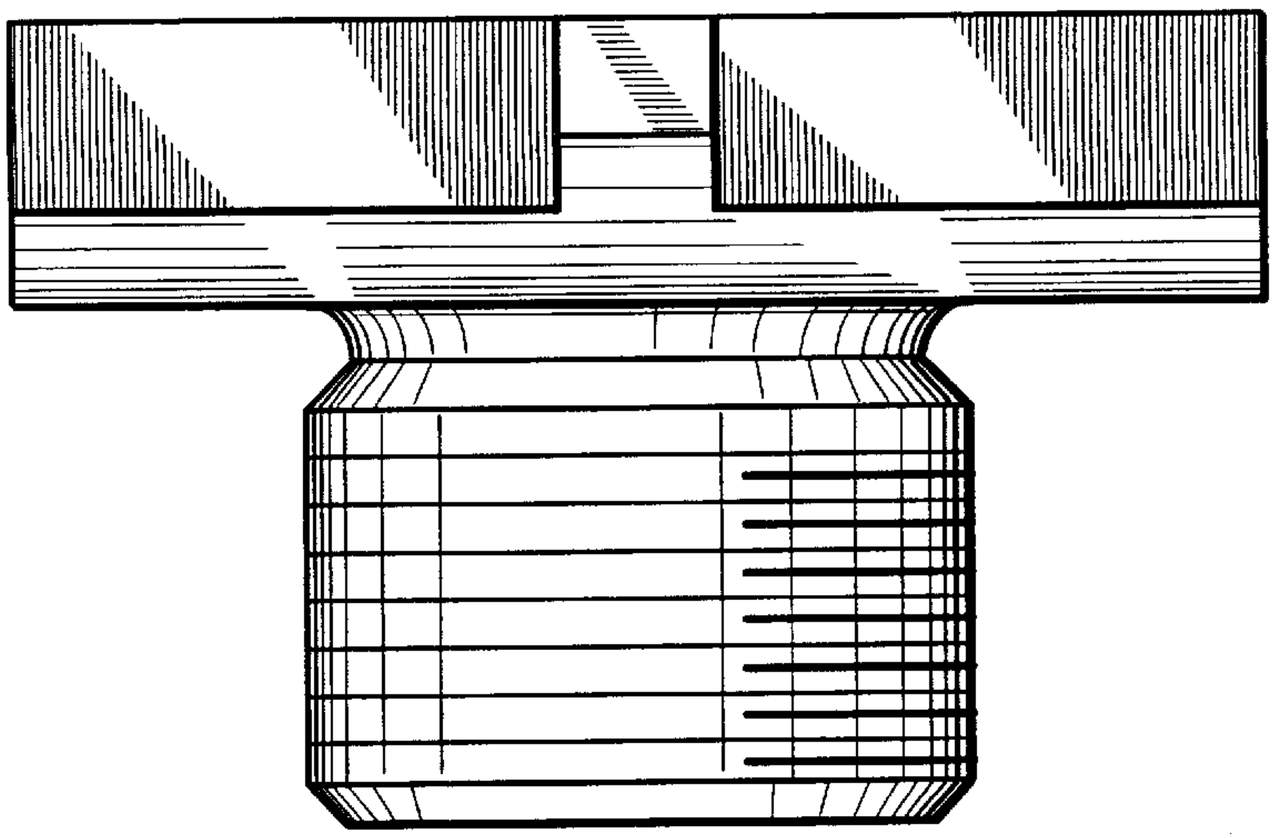


FIG. 24

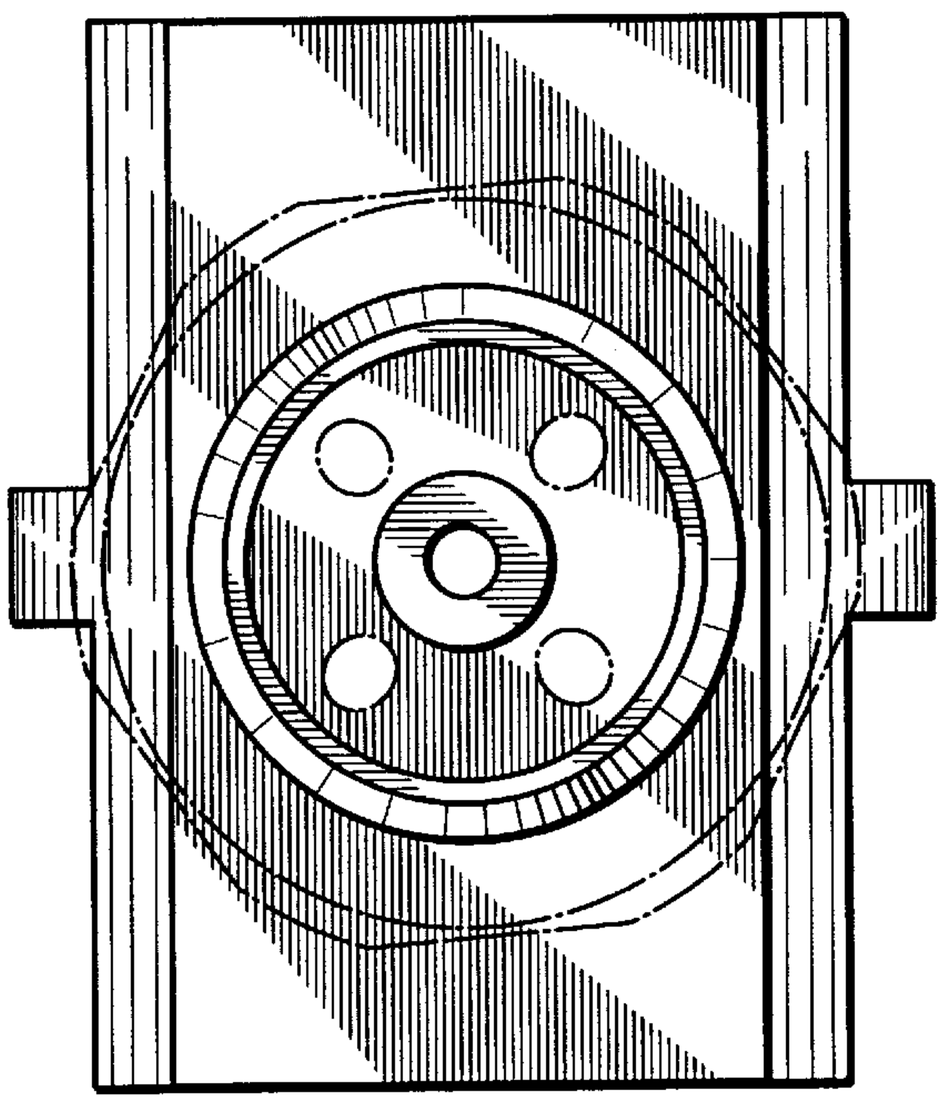


FIG. 25

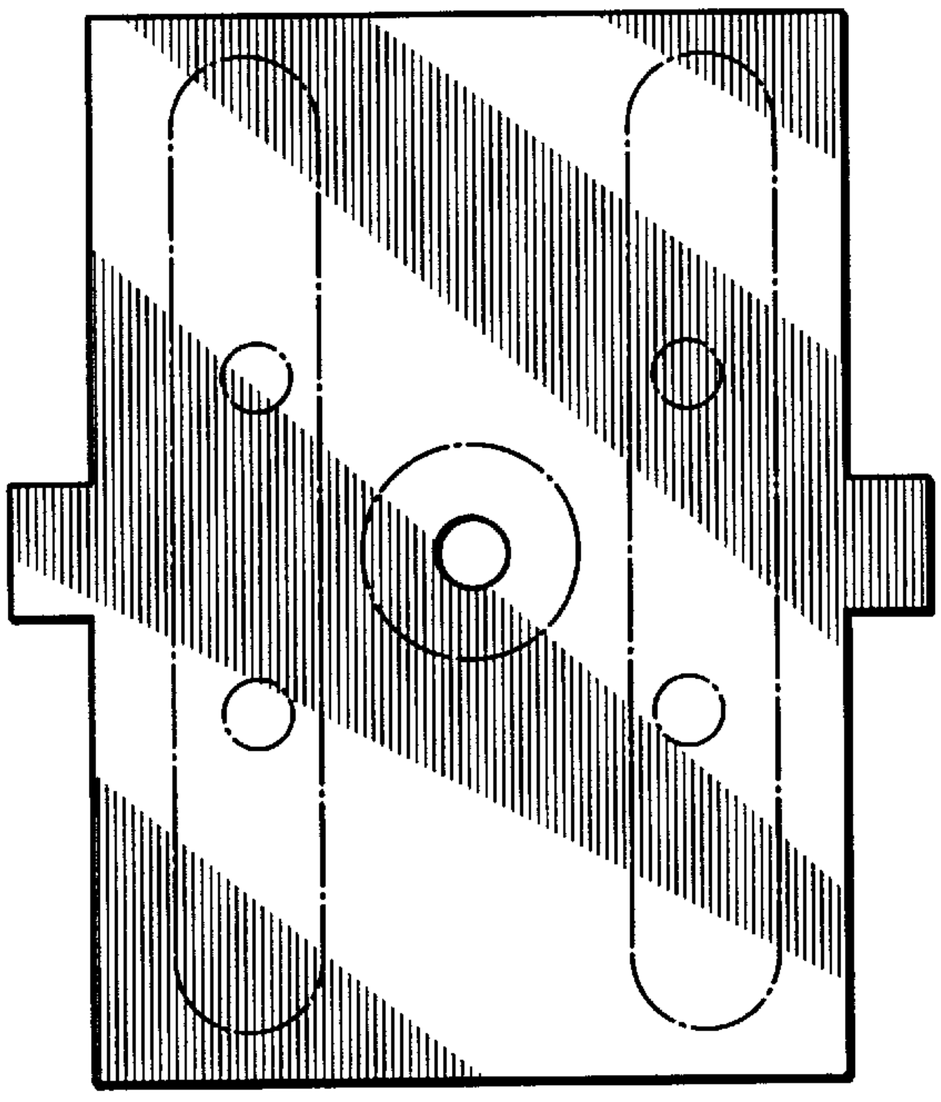


FIG. 26