



US00D381630S

United States Patent [19]

Garcia et al.

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[45] Date of Patent: **Jul. 29, 1997

[54] **DUPLEX CABLE CONNECTOR**

[75] Inventors: **David Garcia**, East Freetown, Mass.;
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[73] Assignee: **WPFY, Inc.**, Wilmington, Del.

[**] Term: **14 Years**

[21] Appl. No.: **46,170**

[22] Filed: **Nov. 8, 1995**

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ETP Catalog No. 391, Berger Industries, Inc., Maspeth, New York, 1991.

Primary Examiner—Antoine Duval Davis
Attorney, Agent, or Firm—Fish & Richardson P.C.

[57] CLAIM

The ornamental design for a duplex cable connector, as shown and described.

DESCRIPTION

FIG. 1 is a view as seen from the rear and upper right of a duplex cable connector;

FIG. 2 is a rear end elevational view of the duplex cable connector of FIG. 1;

FIG. 3 is a front end elevational view of the duplex cable connector of FIG. 1;

FIG. 4 is a left side elevational view of the duplex cable connector of FIG. 1;

FIG. 5 is a right side elevational view of the duplex cable connector of FIG. 1;

FIG. 6 is a bottom plan view of the duplex cable connector of FIG. 1;

FIG. 7 is a top plan view of the duplex cable connector of FIG. 1;

FIG. 8 is a view as seen from the rear and upper right of another embodiment of a duplex cable connector;

FIG. 9 is a rear end elevational view of the duplex cable connector of FIG. 8;

Related U.S. Application Data

[63] Continuation-in-part of Ser. No. 30,480, Oct. 31, 1994, abandoned.

[51] LOC (6) Cl. 13-03

[52] U.S. Cl. D13/152

[58] Field of Search D13/152; 174/59, 174/64, 65 R; 285/90, 155, 158, 159, 161, 162, 194, 195, 197, 206, 322, 907; 403/197

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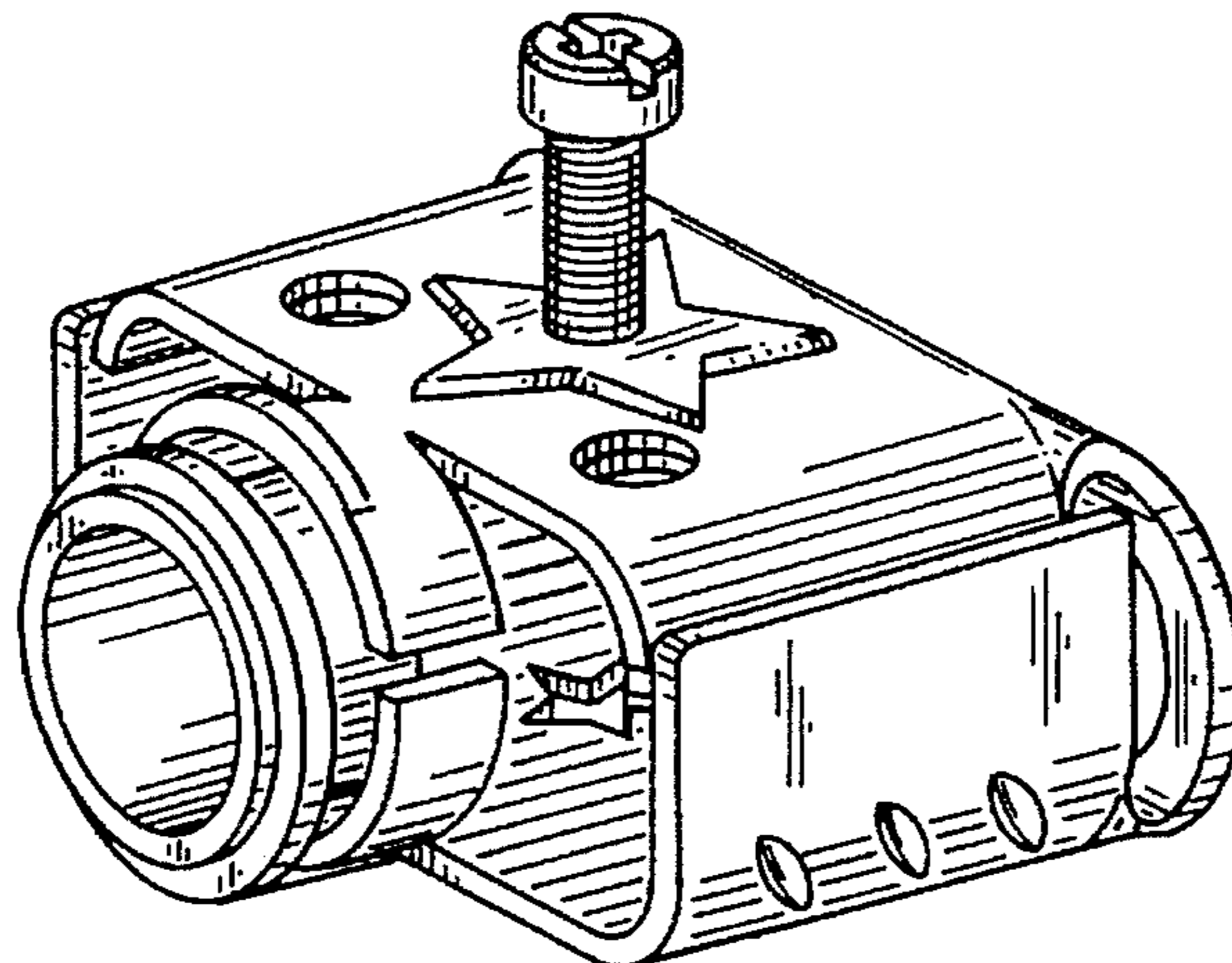


FIG. 10 is a front end elevational view of the duplex cable connector of FIG. 8;
FIG. 11 is a left side elevational view of the duplex cable connector of FIG. 8;
FIG. 12 is a right side elevational view of the duplex cable connector of FIG. 8;
FIG. 13 is a bottom plan view of the duplex cable connector of FIG. 8;
FIG. 14 is a top plan view of the duplex cable connector of FIG. 8;
FIG. 15 is a view as seen from the rear and lower left of the duplex cable connector of FIG. 8;
FIG. 16 is a view as seen from the lower front of the duplex cable connector of FIG. 8;
FIG. 17 is a view as seen from the rear and upper right of another embodiment of a duplex cable connector;
FIG. 18 is a rear end elevational view of the duplex cable connector of FIG. 17;
FIG. 19 is a front end elevational view of the duplex cable connector of FIG. 17;
FIG. 20 is a left side elevational view of the duplex cable connector of FIG. 17;
FIG. 21 is a right side elevational view of the duplex cable connector of FIG. 17;
FIG. 22 is a bottom plan view of the duplex cable connector of FIG. 17;
FIG. 23 is a top plan view of the duplex cable connector of FIG. 17;
FIG. 24 is a view as seen from the rear and lower left of the duplex cable connector of FIG. 17;
FIG. 25 is a view as seen from the lower front of the duplex cable connector of FIG. 17;
FIG. 26 is a view as seen from the rear and upper right of another embodiment of a duplex cable connector;
FIG. 27 is a rear end elevational view of the duplex cable connector of FIG. 26;
FIG. 28 is a front end elevational view of the duplex cable connector of FIG. 26;
FIG. 29 is a left side elevational view of the duplex cable connector of FIG. 26;
FIG. 30 is a right side elevational view of the duplex cable connector of FIG. 26;
FIG. 31 is a bottom plan view of the duplex cable connector of FIG. 26;
FIG. 32 is a top plan view of the duplex cable connector of FIG. 26;
FIG. 33 is a view as seen from the rear and lower left of the duplex cable connector of FIG. 26;
FIG. 34 is a view as seen from the lower front of the duplex cable connector of FIG. 26;
FIG. 35 is a view as seen from the rear and upper right of another embodiment of a duplex cable connector;
FIG. 36 is a rear end elevational view of the duplex cable connector of FIG. 35;

FIG. 37 is a front end elevational view of the duplex cable connector of FIG. 35;
FIG. 38 is a left side elevational view of the duplex cable connector of FIG. 35;
FIG. 39 is a right side elevational view of the duplex cable connector of FIG. 35;
FIG. 40 is a bottom plan view of the duplex cable connector of FIG. 35;
FIG. 41 is a top plan view of the duplex cable connector of FIG. 35;
FIG. 42 is a view as seen from the rear and lower left of the duplex cable connector of FIG. 35;
FIG. 43 is a view as seen from the lower front of the duplex cable connector of FIG. 35;
FIG. 44 is a view as seen from the rear and upper right of another embodiment of a duplex cable connector;
FIG. 45 is a rear end elevational view of the duplex cable connector of FIG. 44;
FIG. 46 is a front end elevational view of the duplex cable connector of FIG. 44;
FIG. 47 is a left side elevational view of the duplex cable connector of FIG. 44;
FIG. 48 is a right side elevational view of the duplex cable connector of FIG. 44;
FIG. 49 is a bottom plan view of the duplex cable connector of FIG. 44;
FIG. 50 is a top plan view of the duplex cable connector of FIG. 44;
FIG. 51 is a view as seen from the rear and lower left of the duplex cable connector of FIG. 44;
FIG. 52 is a view as seen from the lower front of the duplex cable connector of FIG. 44;
FIG. 53 is a view as seen from the rear and upper right of another embodiment of a duplex cable connector;
FIG. 54 is a rear end elevational view of the duplex cable connector of FIG. 53;
FIG. 55 is a front end elevational view of the duplex cable connector of FIG. 53;
FIG. 56 is a left side elevational view of the duplex cable connector of FIG. 53;
FIG. 57 is a right side elevational view of the duplex cable connector of FIG. 53;
FIG. 58 is a bottom plan view of the duplex cable connector of FIG. 53;
FIG. 59 is a top plan view of the duplex cable connector of FIG. 53;
FIG. 60 is a view as seen from the rear and lower left of the duplex cable connector of FIG. 53; and
FIG. 61 is a view as seen from the lower front of the duplex cable connector of FIG. 53.

1 Claim, 20 Drawing Sheets

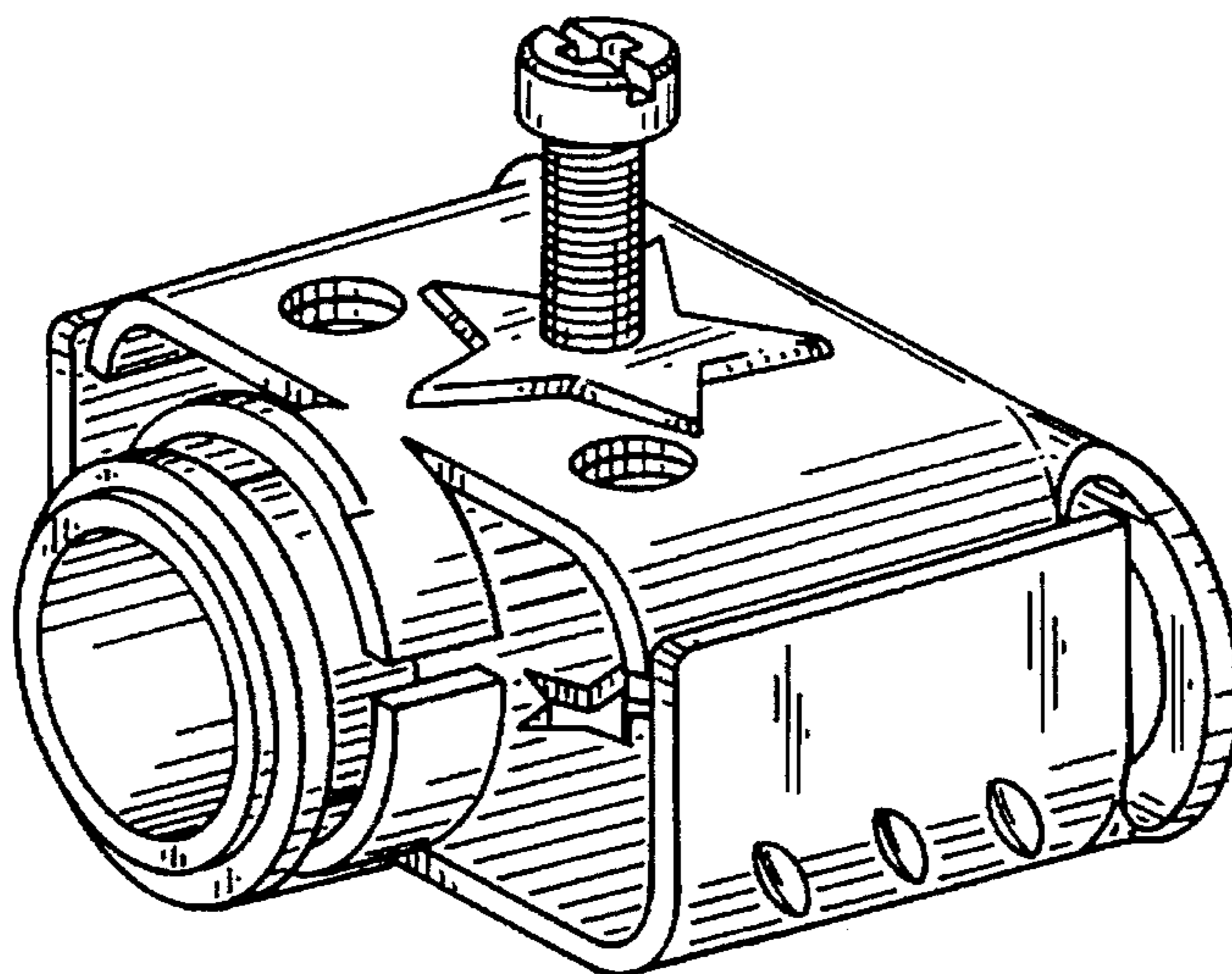


FIG. 1

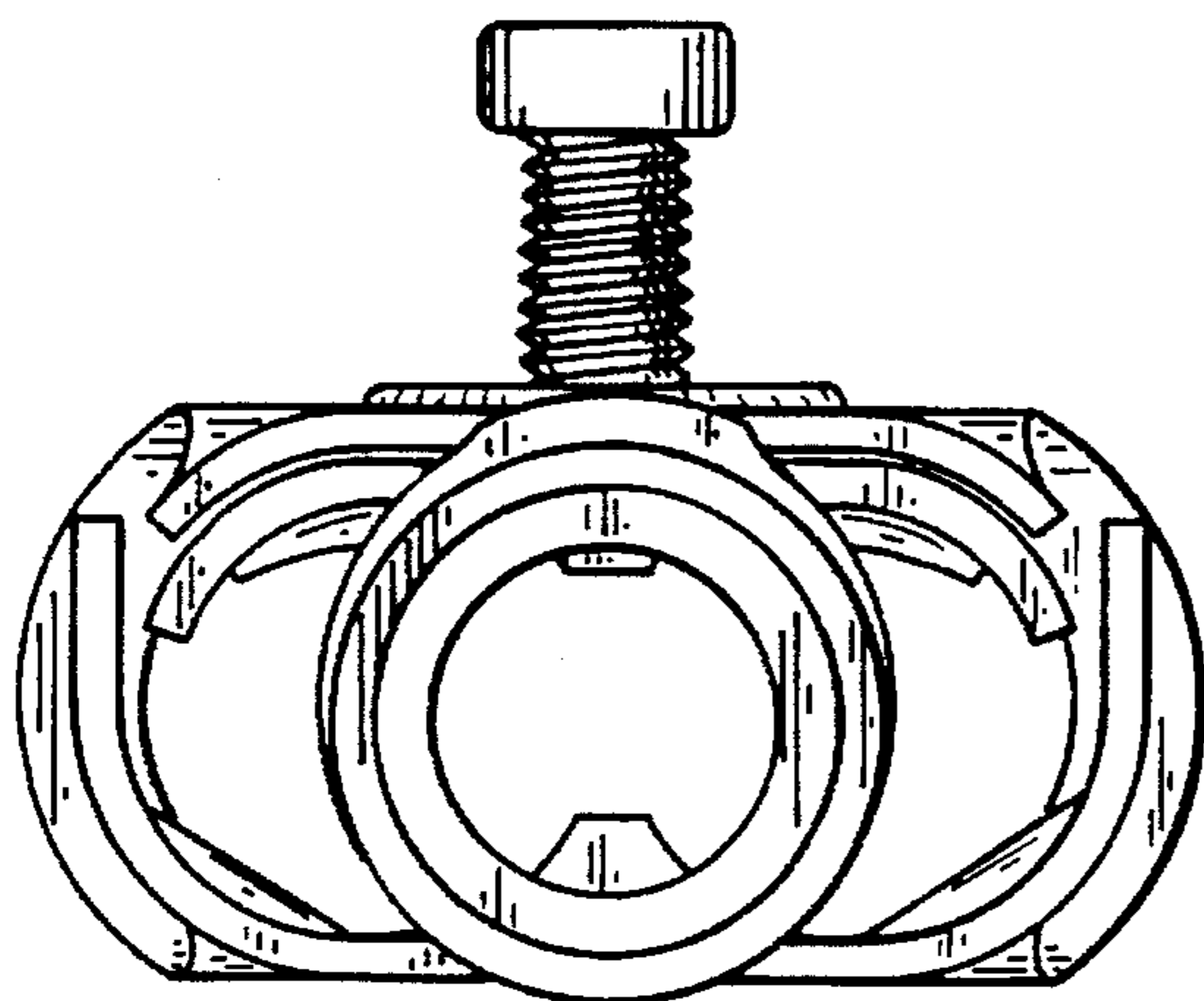


FIG. 2

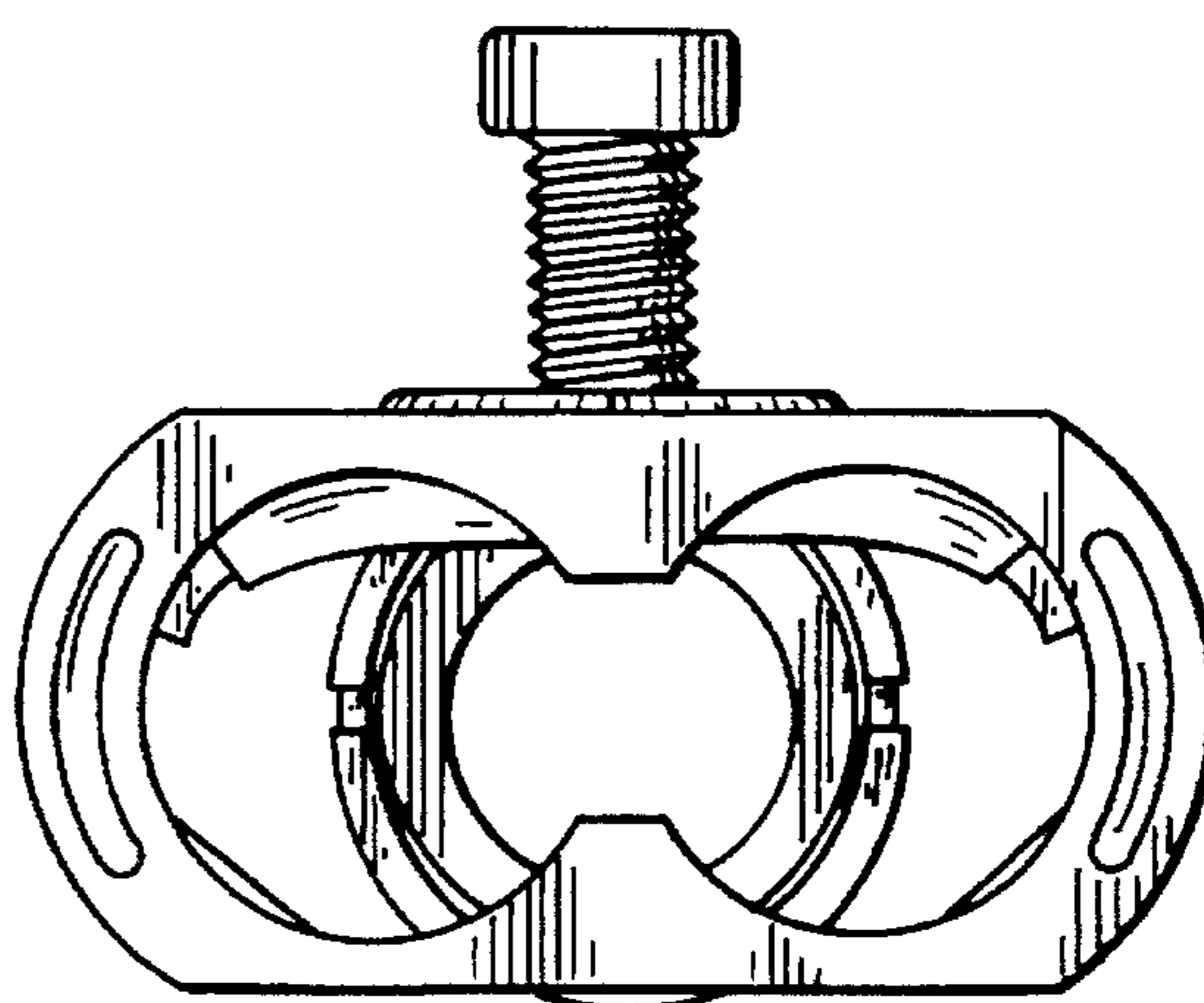


FIG. 3

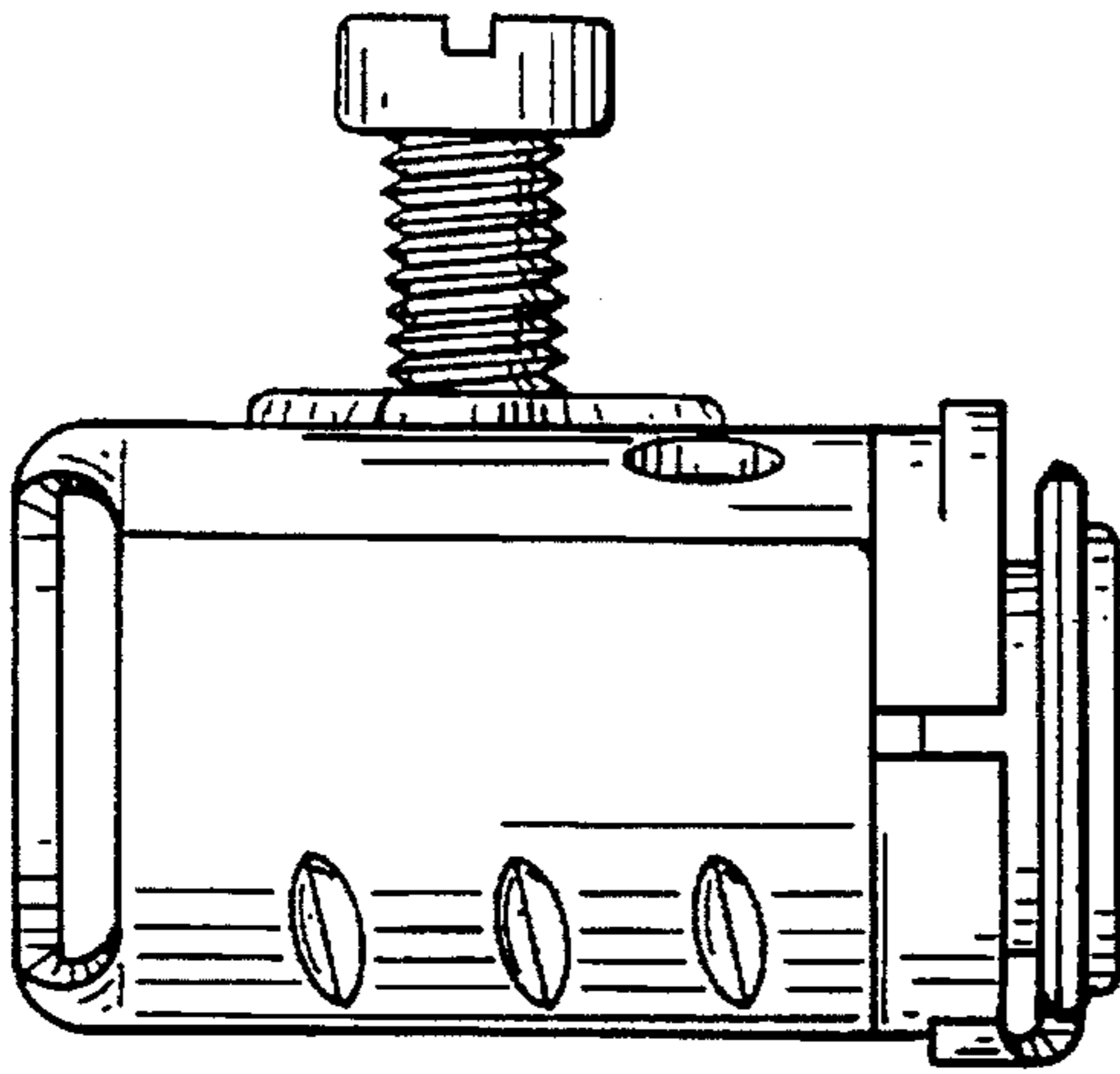


FIG. 4

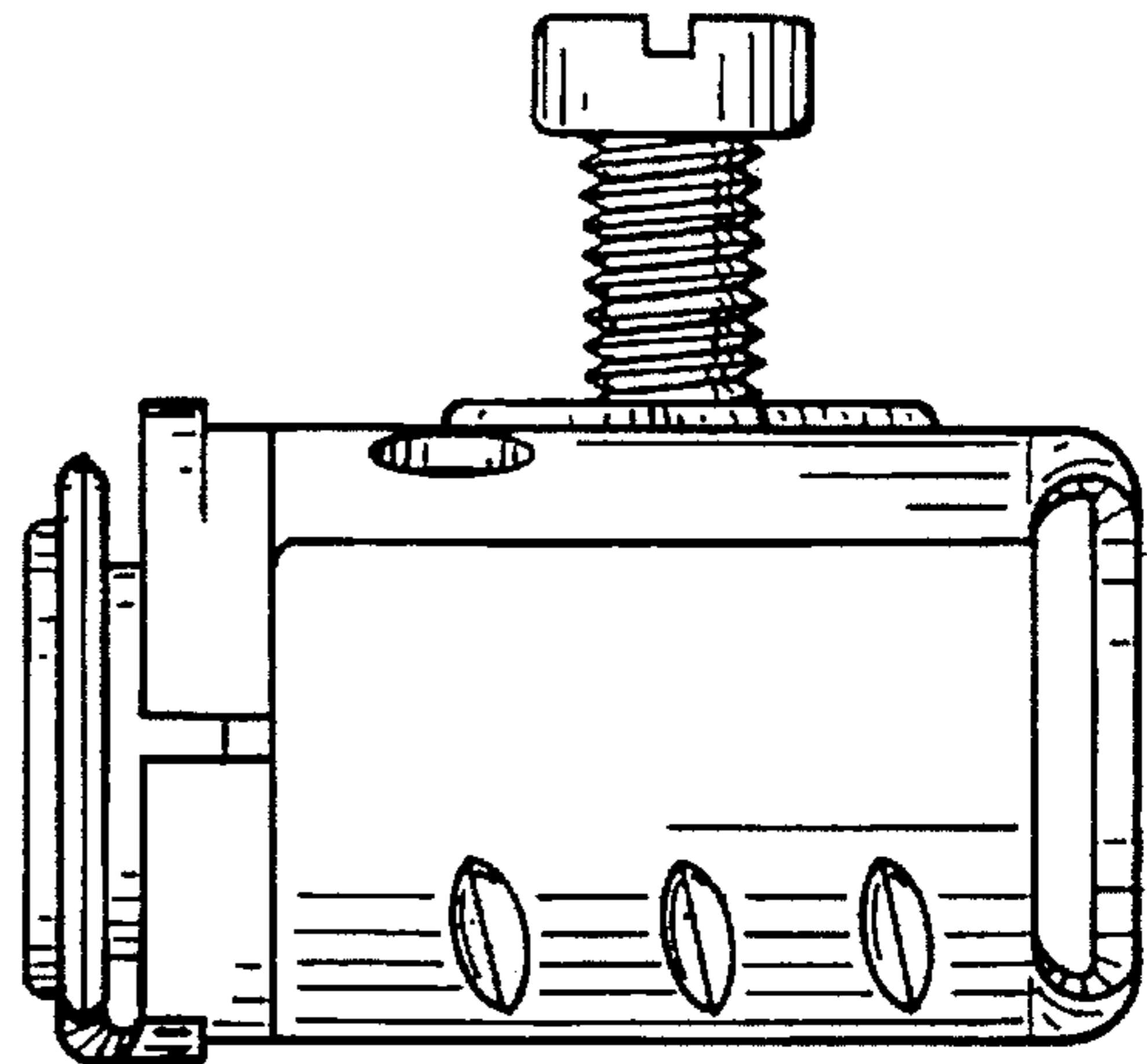


FIG. 5

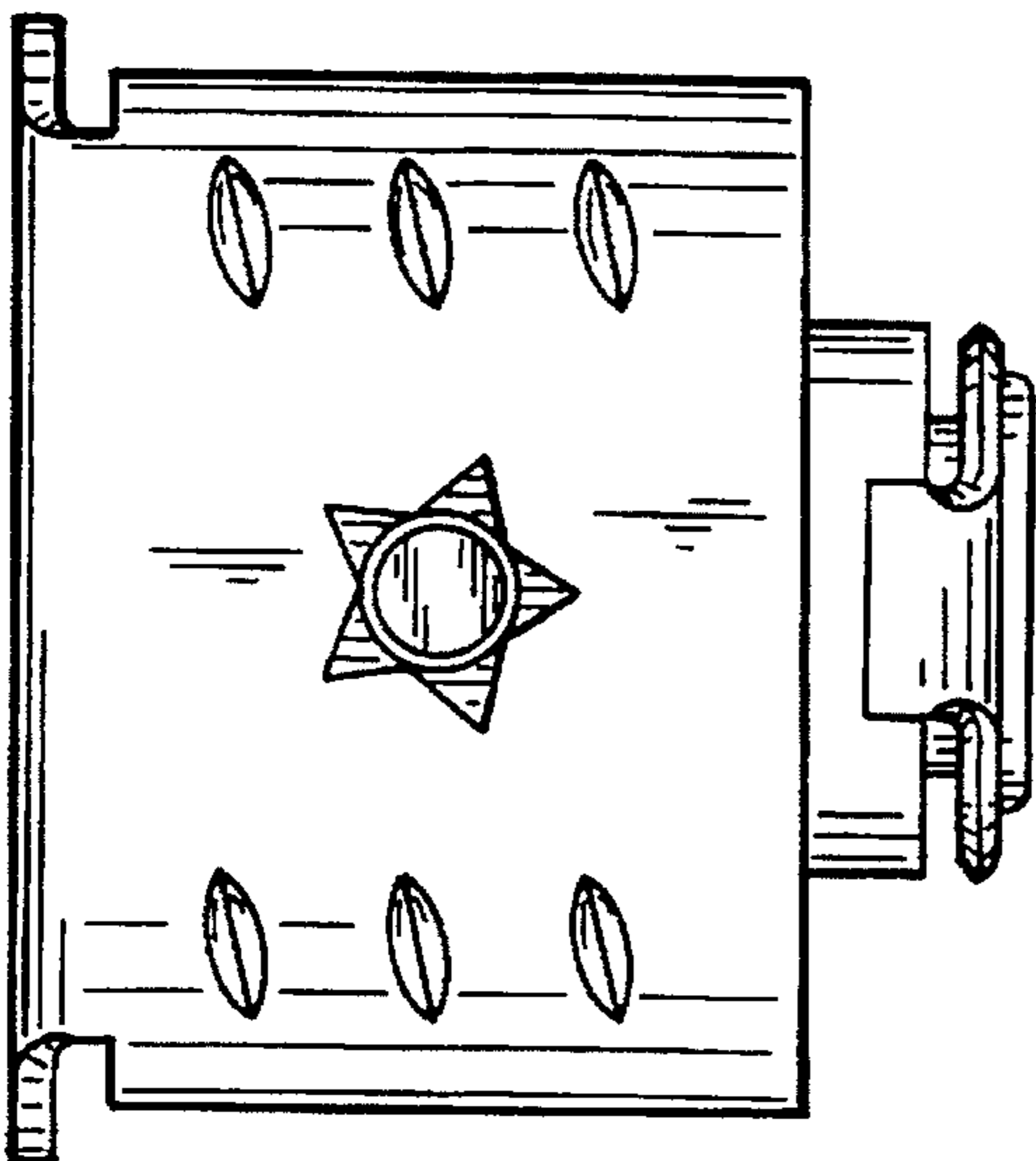


FIG. 6

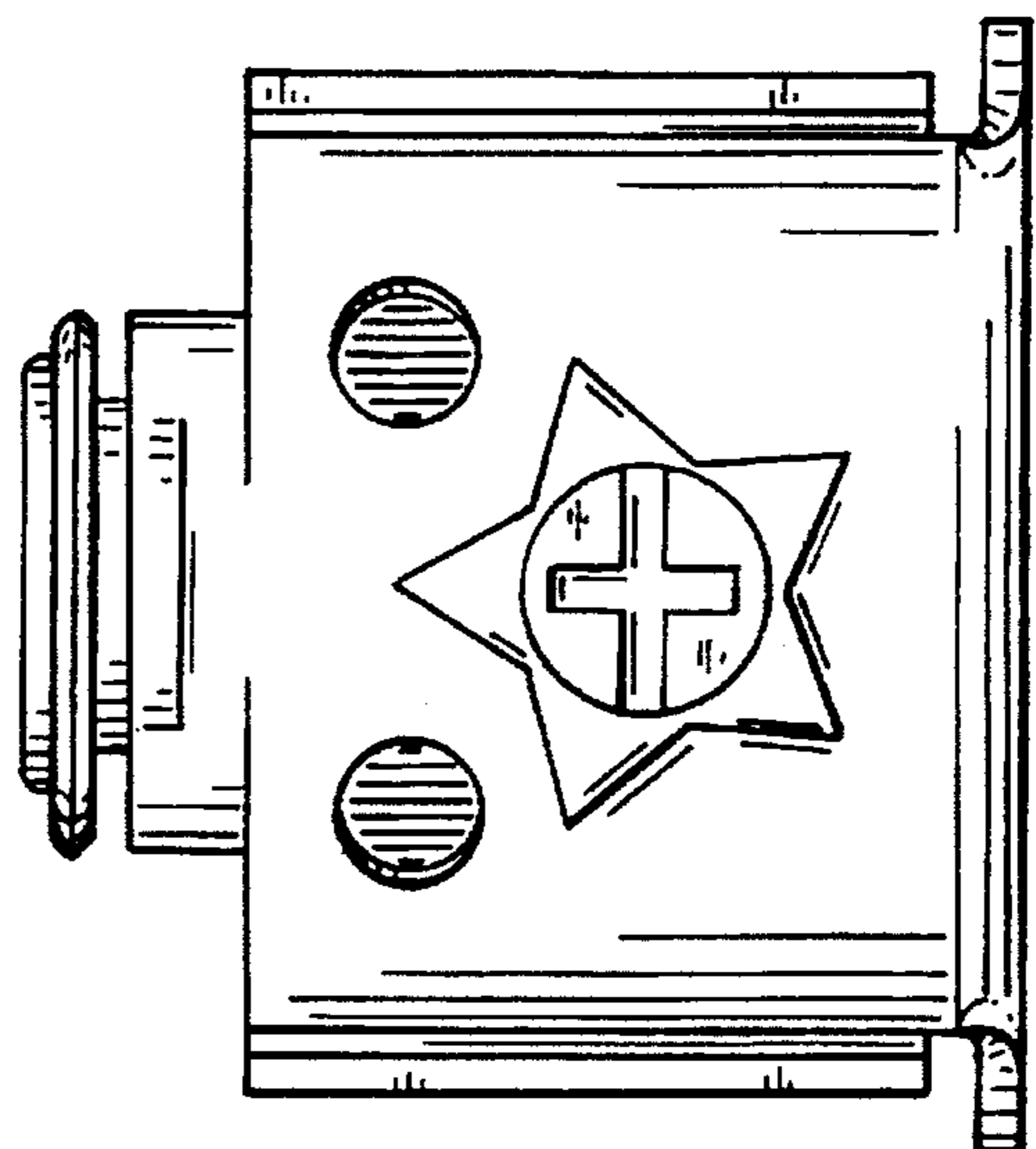


FIG. 7

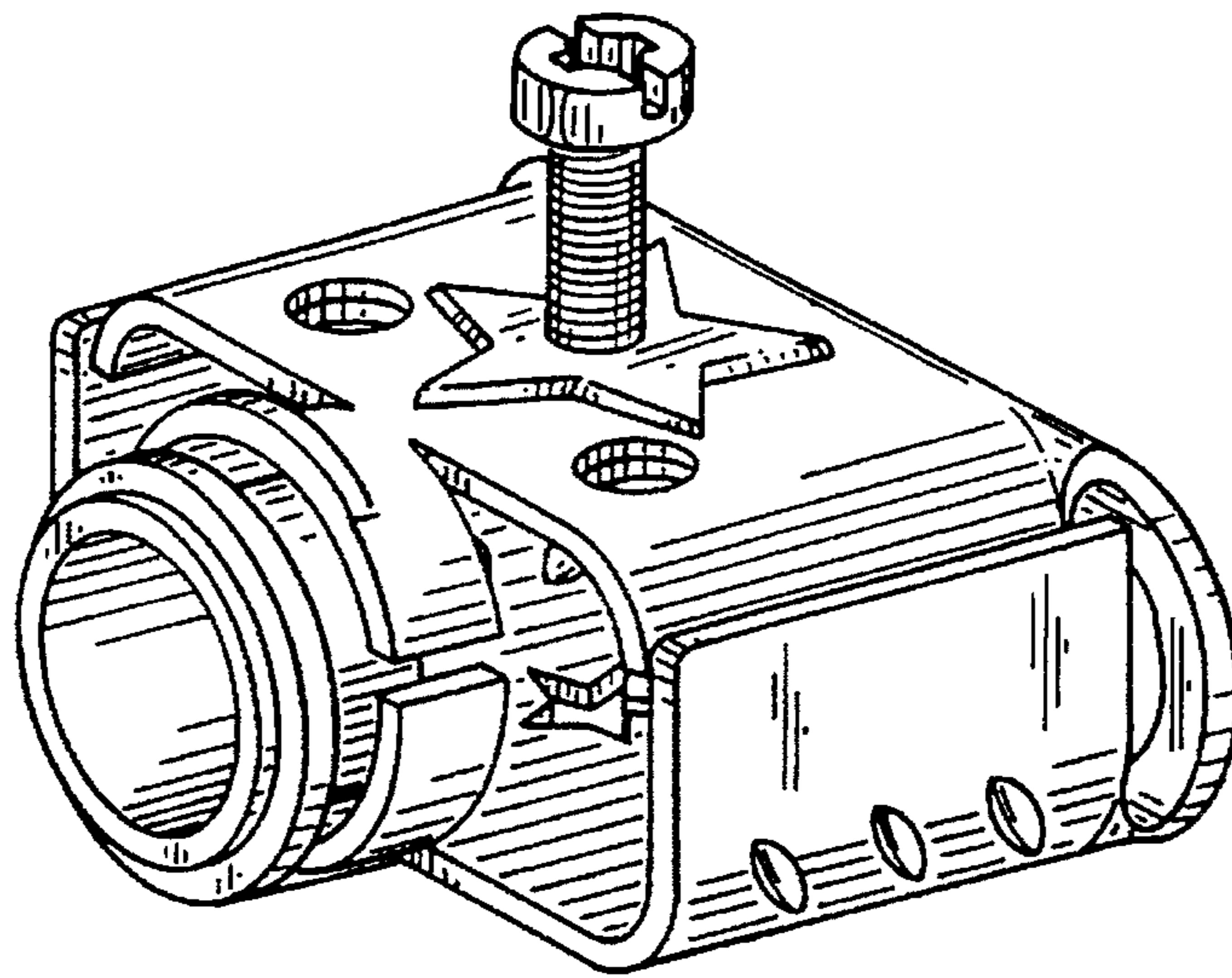


FIG. 8

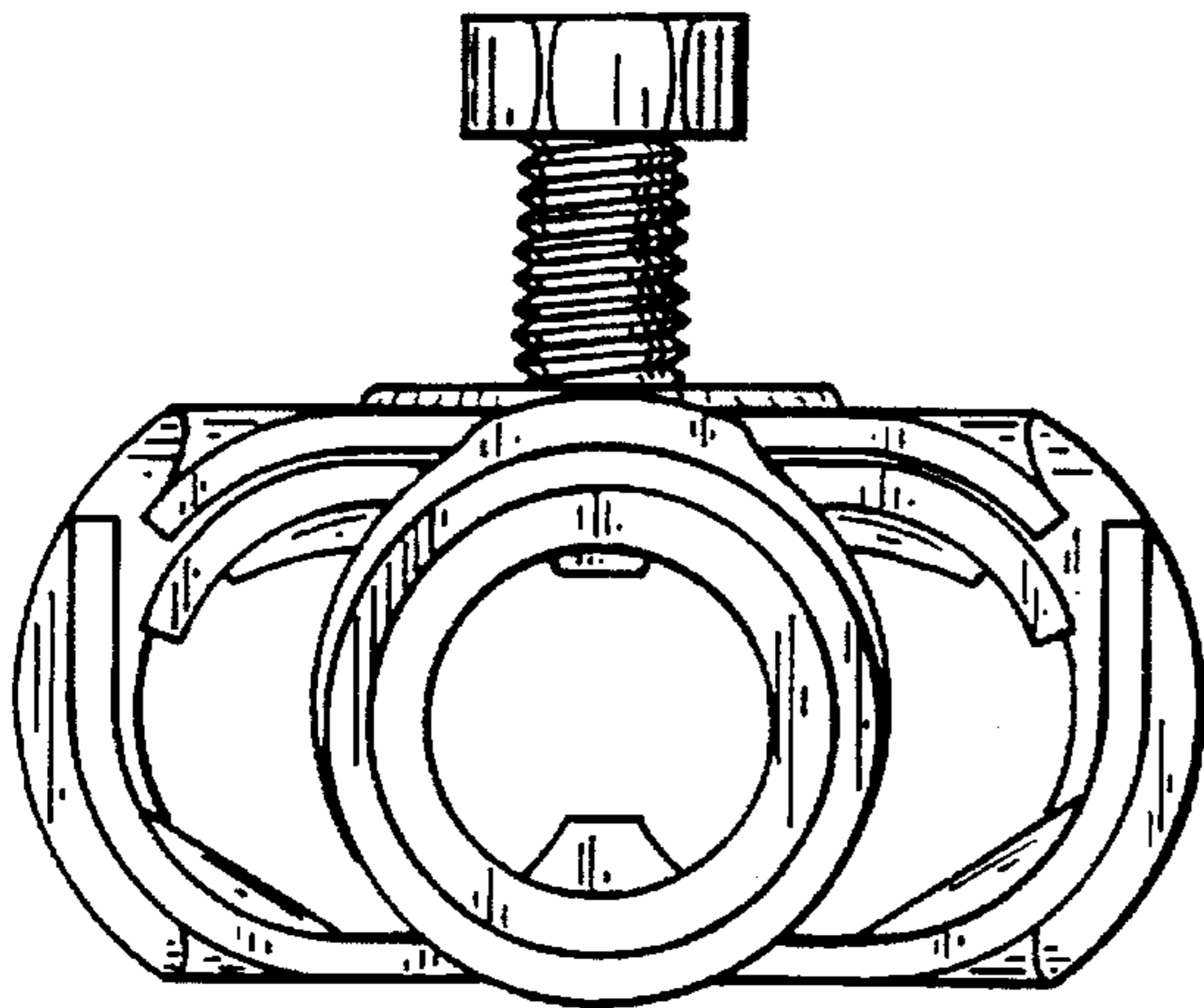


FIG. 9

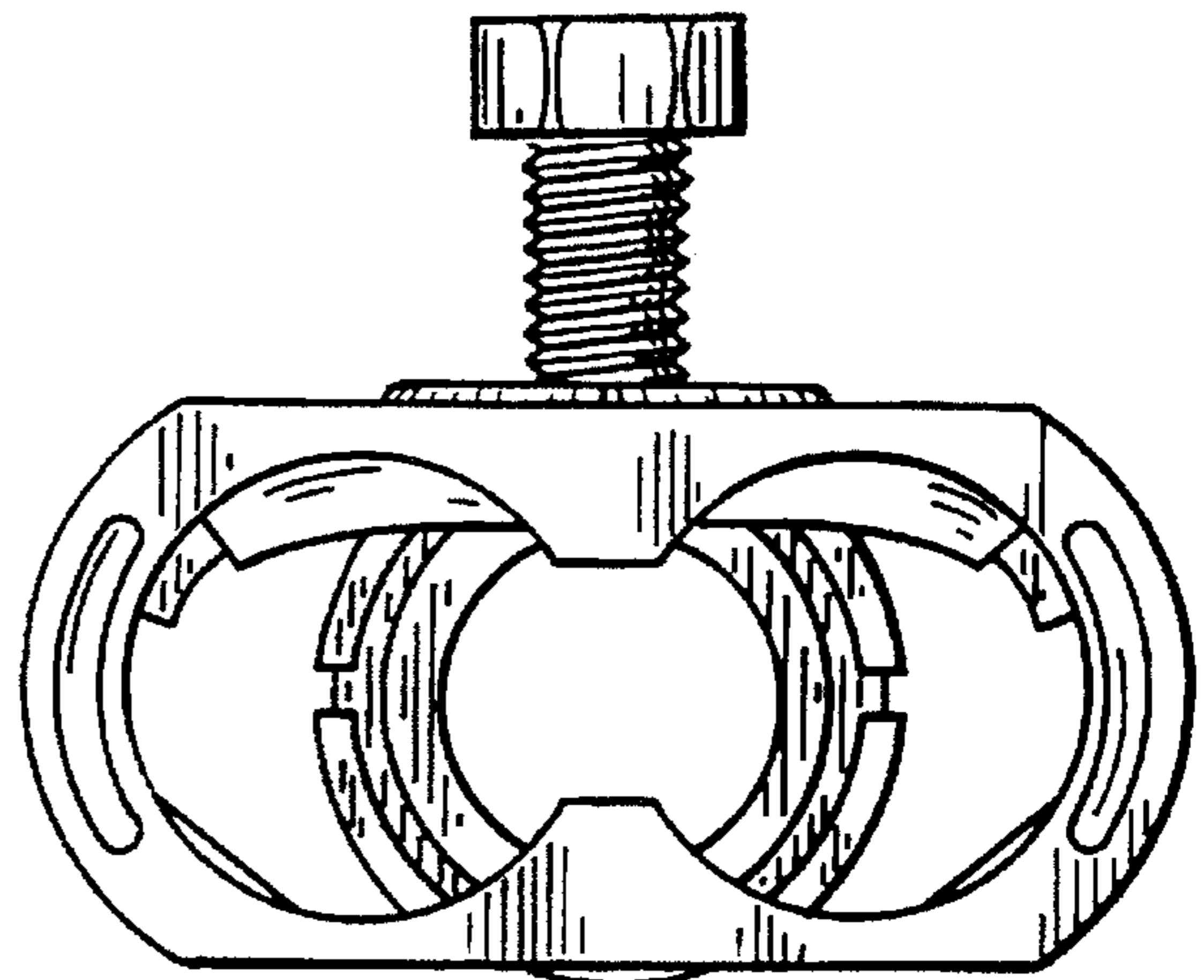


FIG. 10

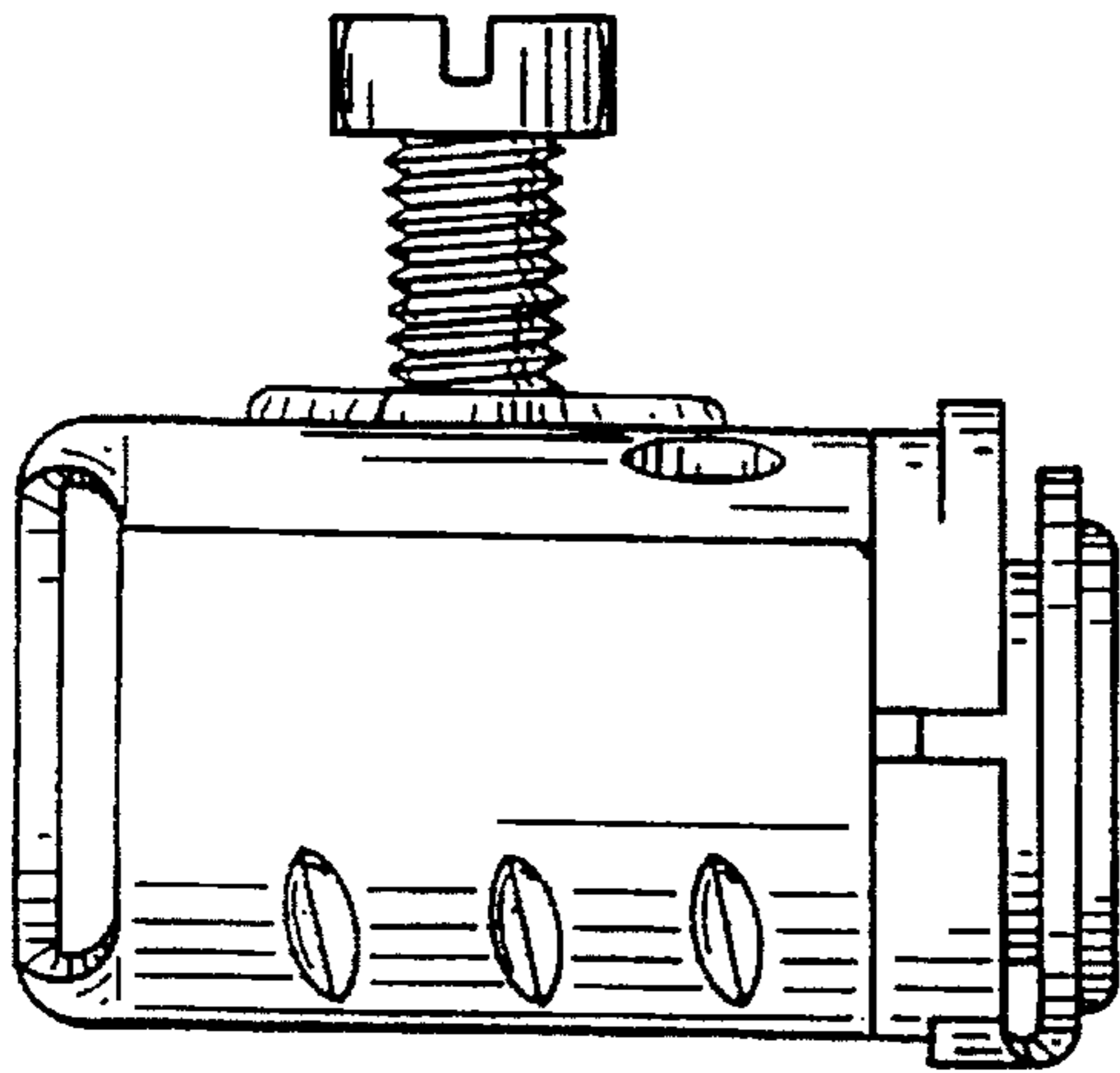


FIG. 11

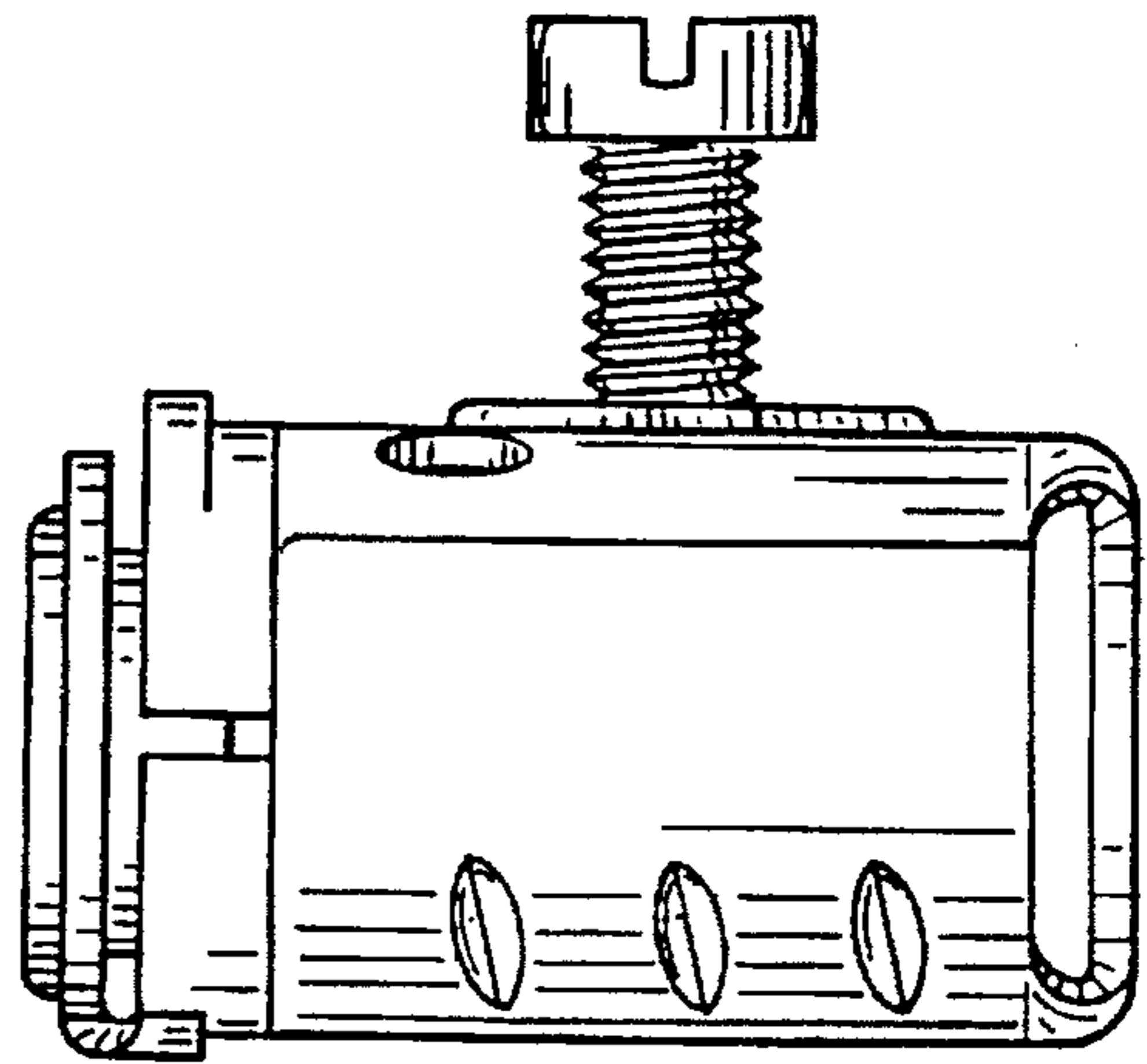


FIG. 12

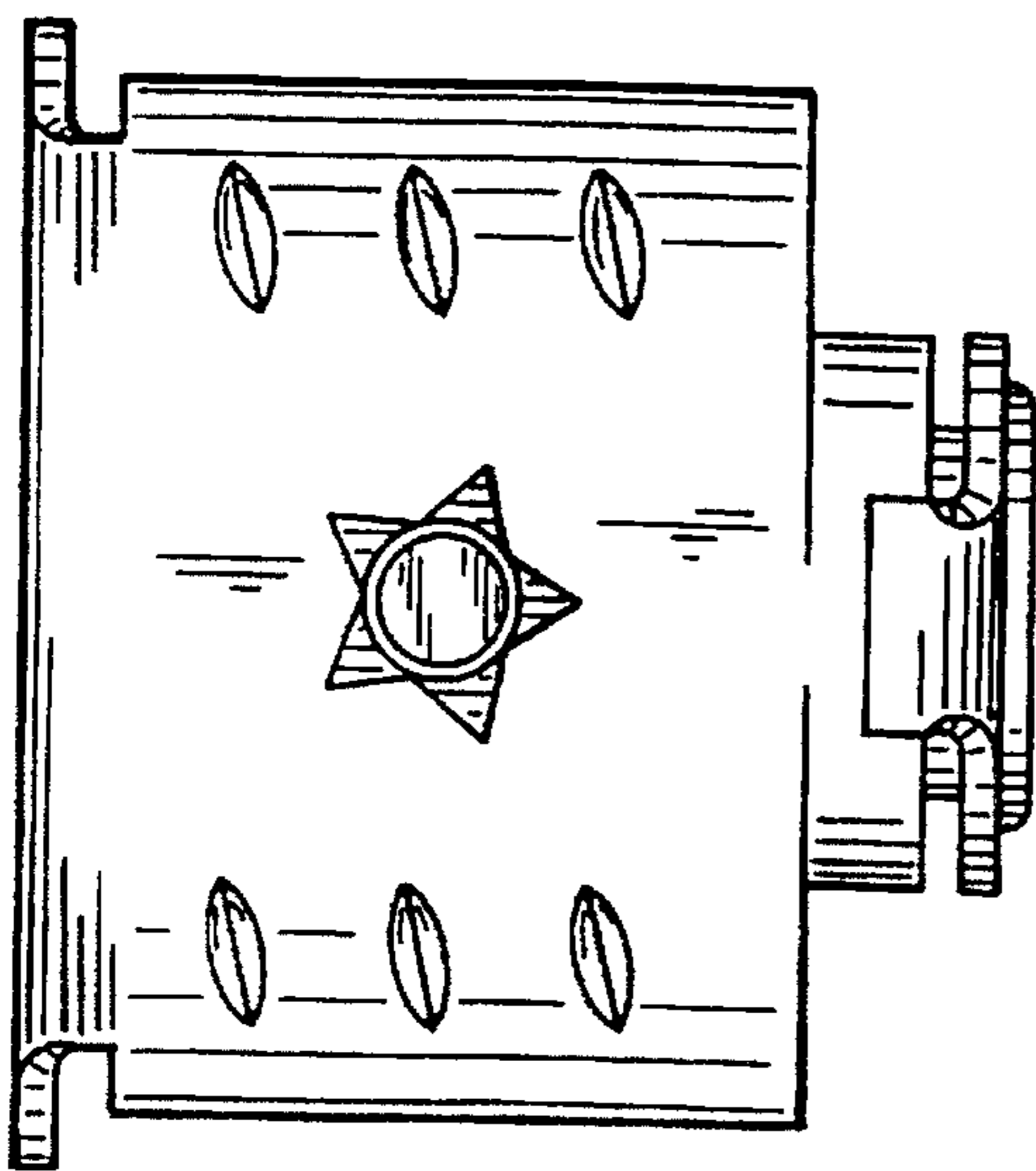


FIG. 13

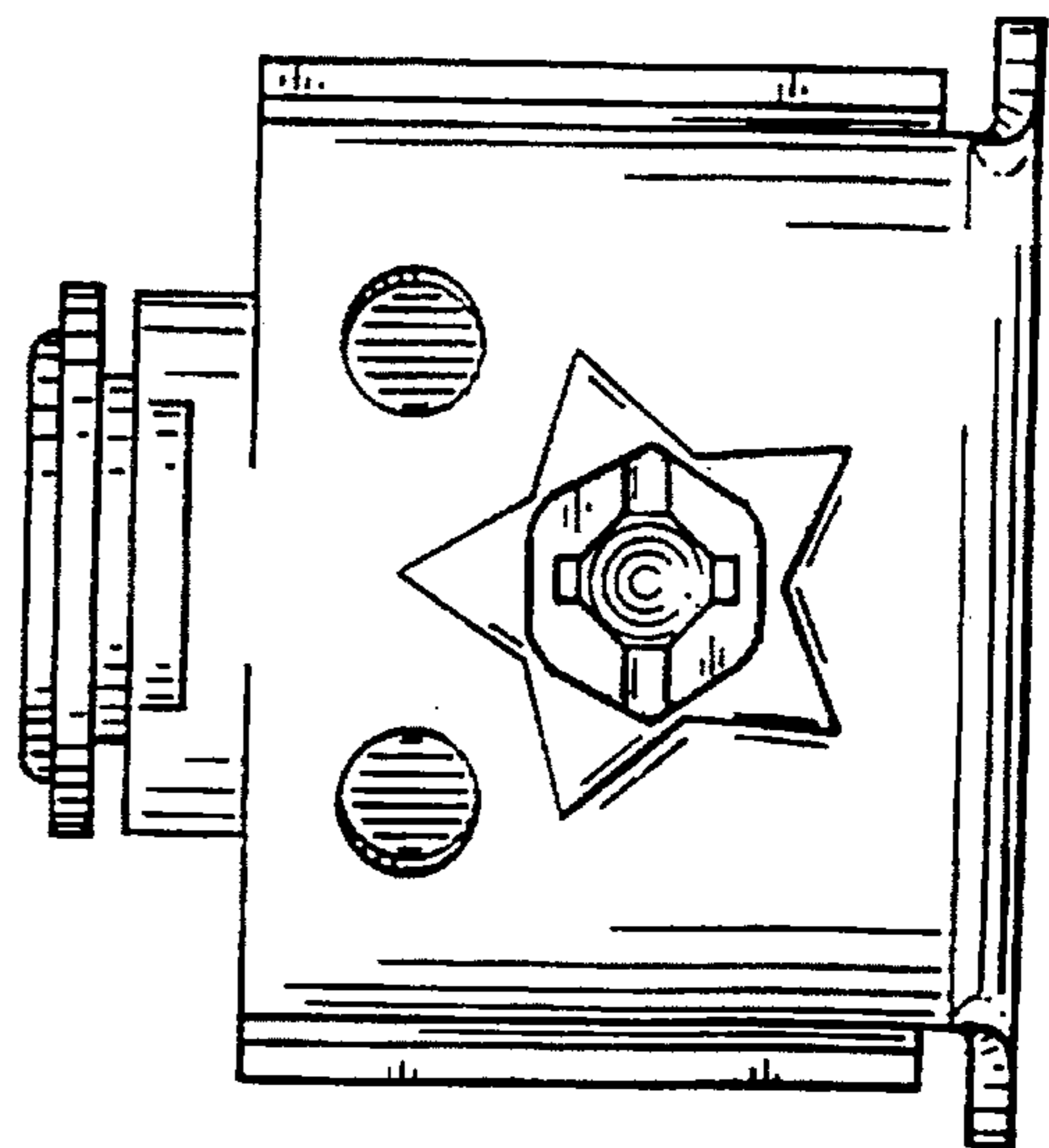


FIG. 14

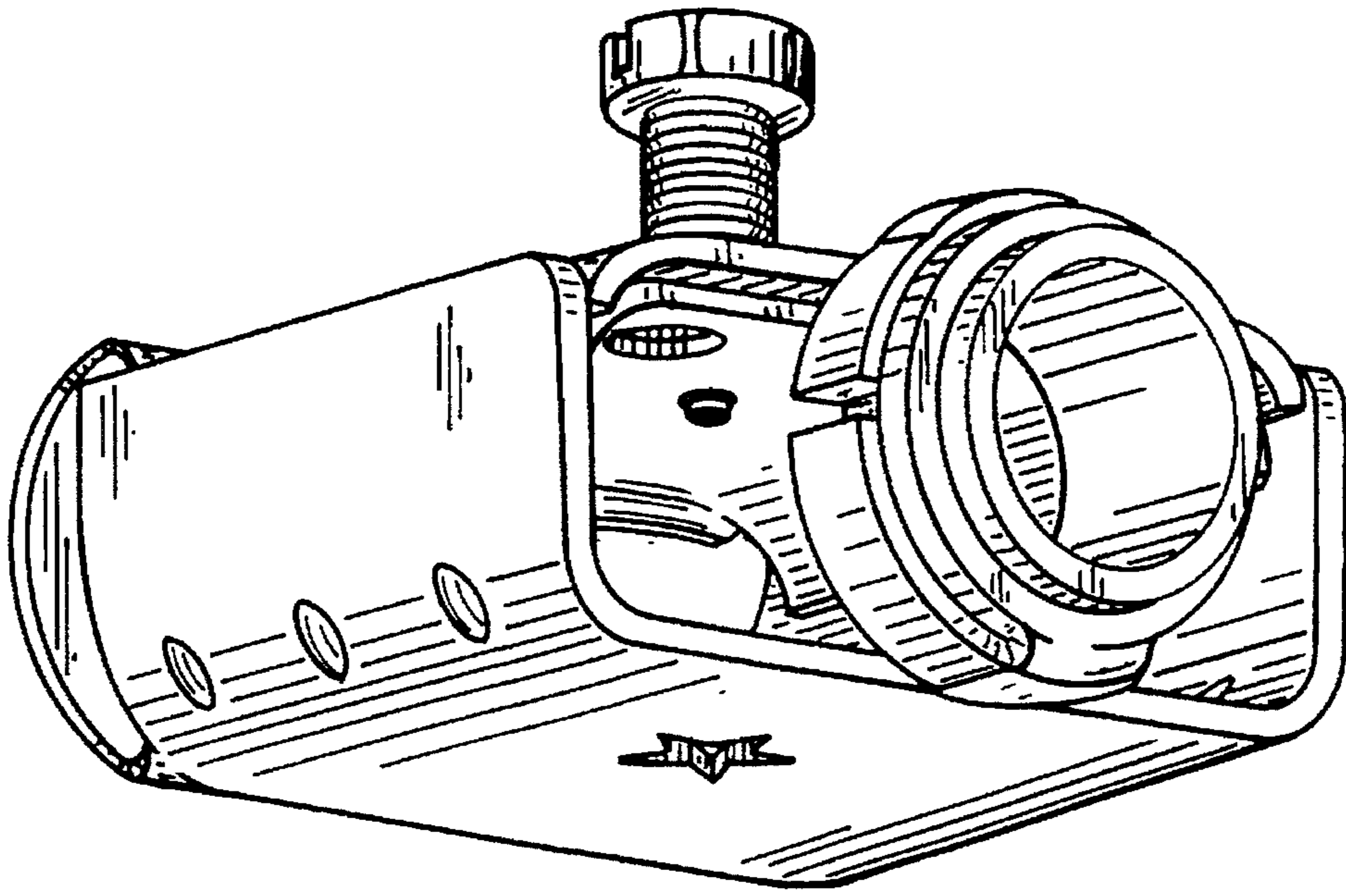


FIG. 15

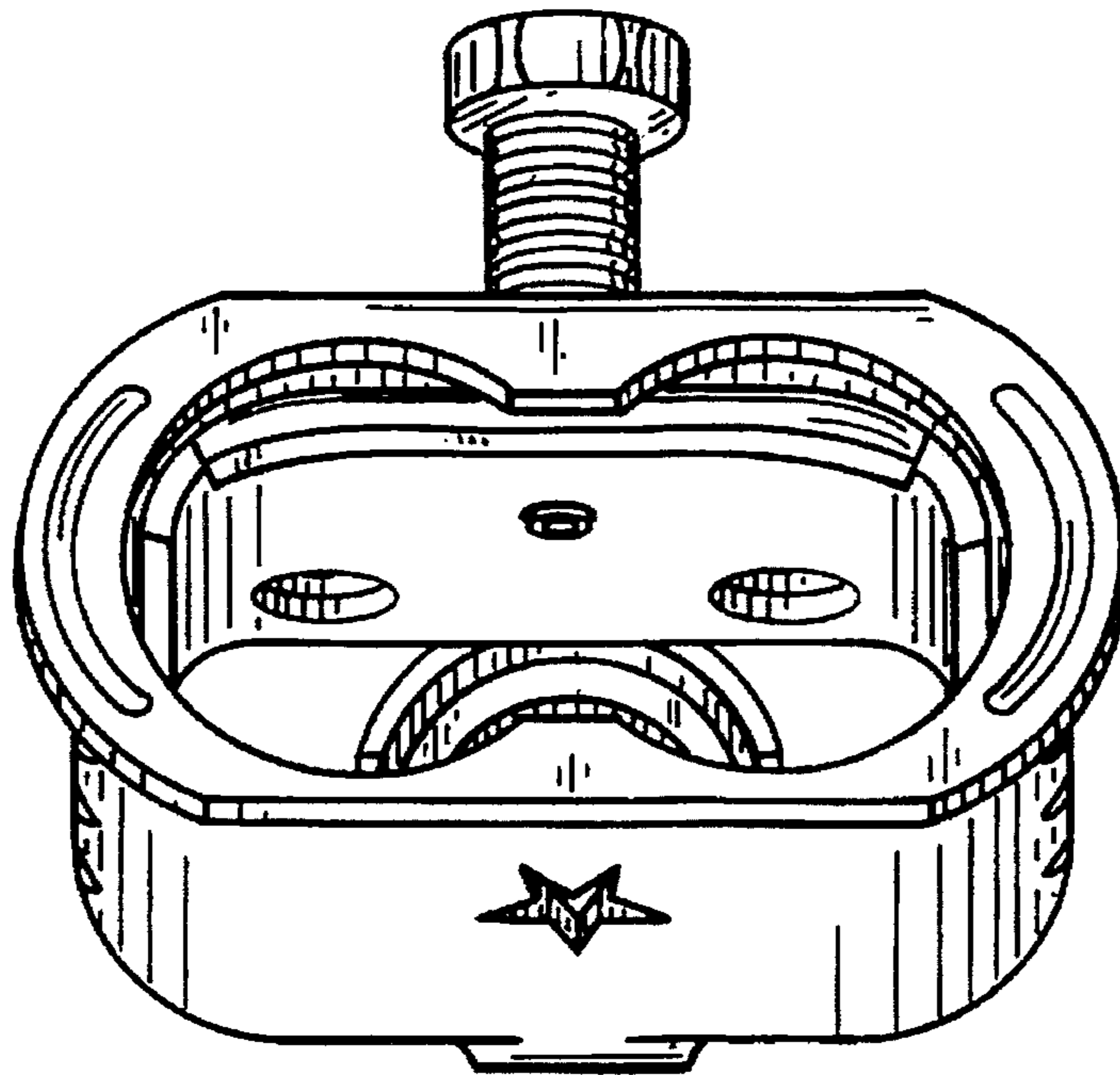


FIG. 16

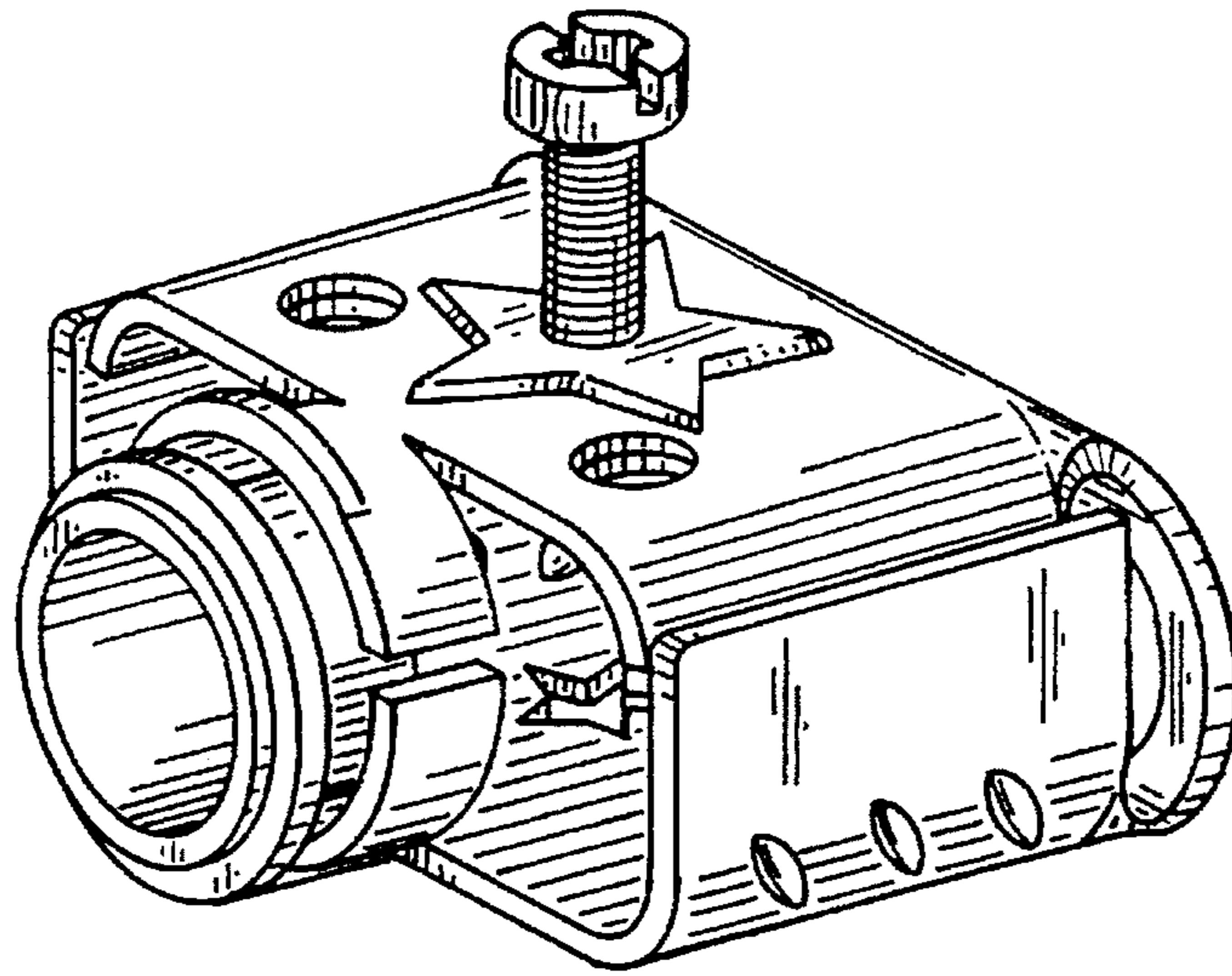


FIG. 17

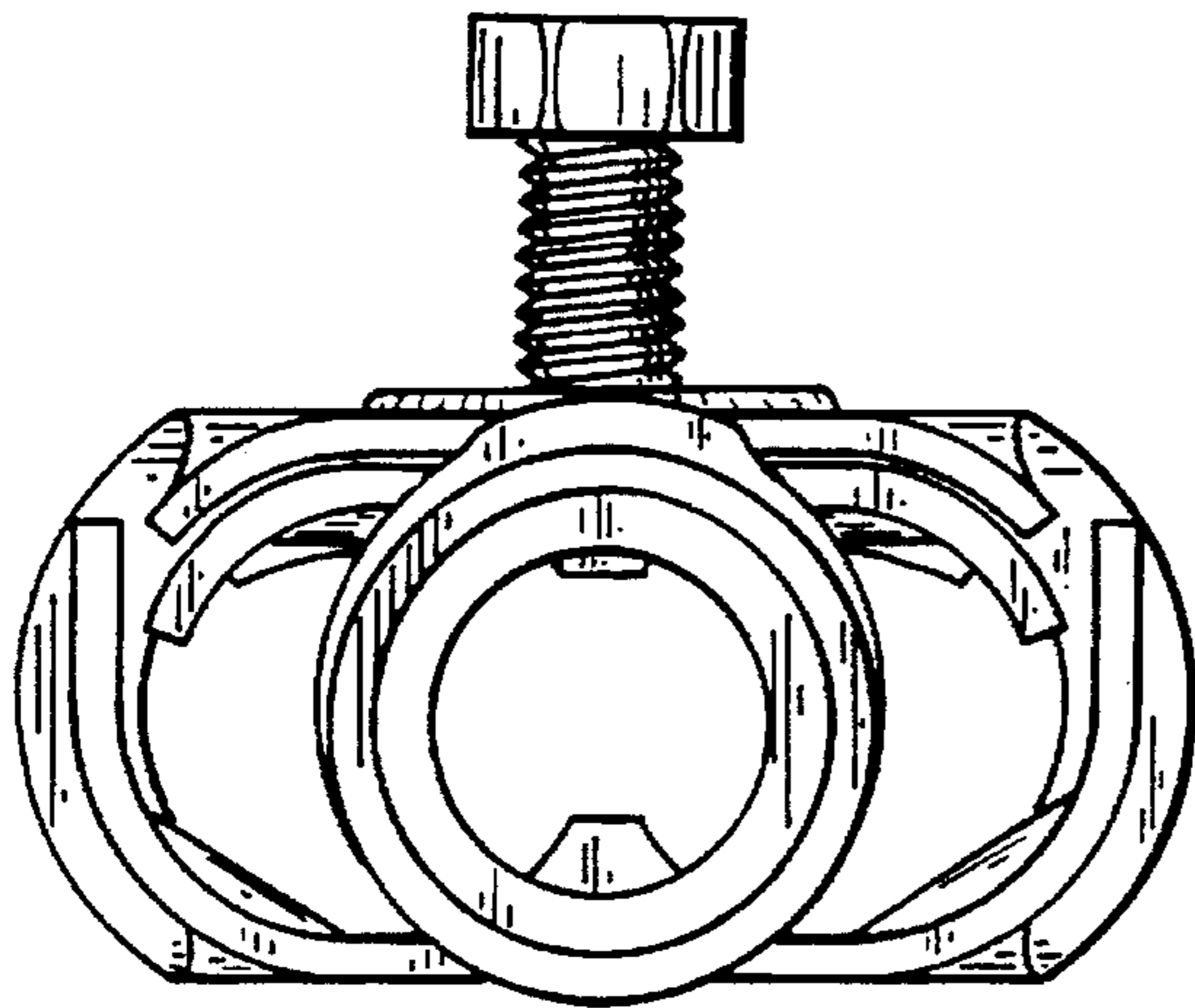


FIG. 18

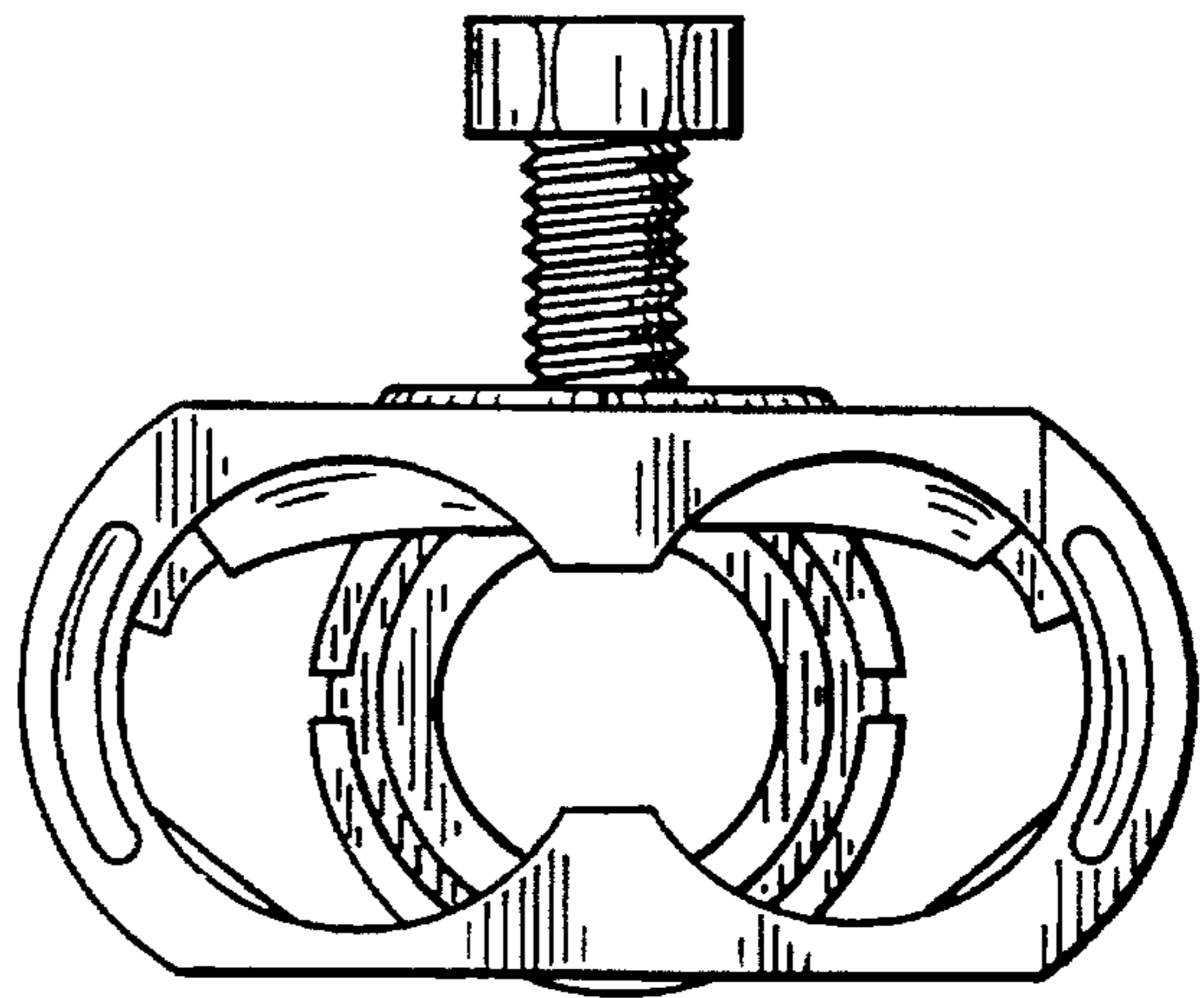


FIG. 19

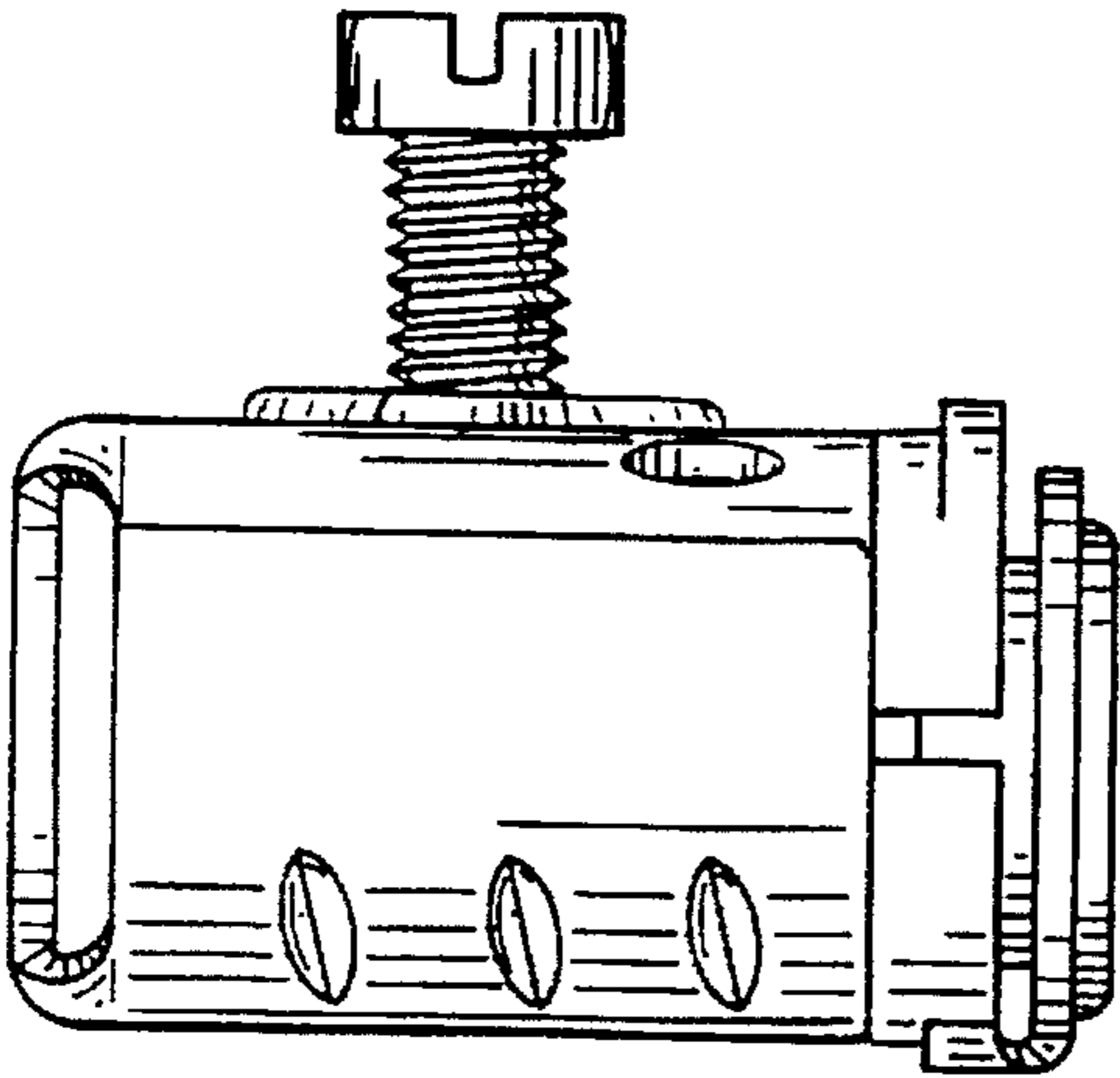


FIG. 20

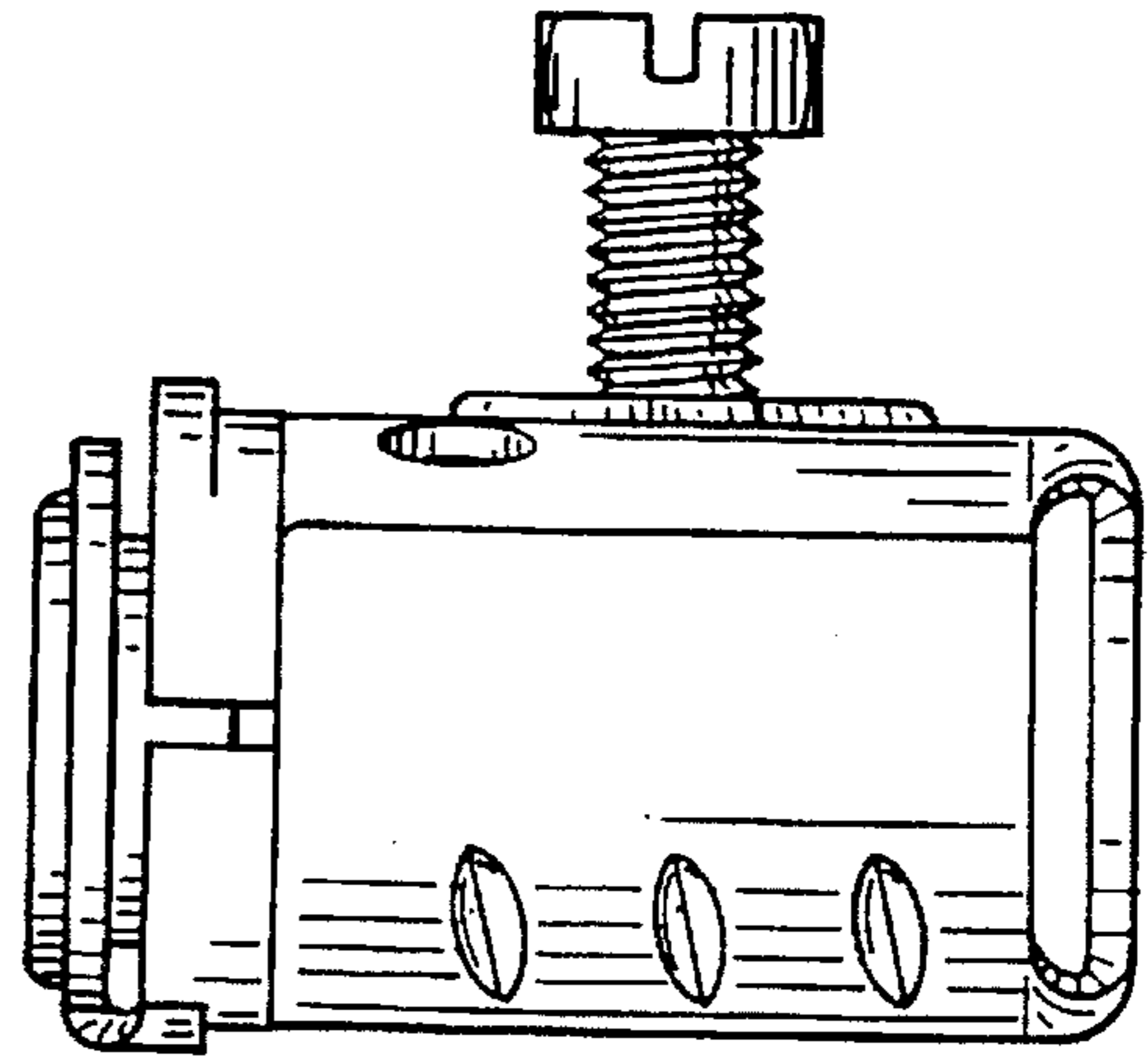


FIG. 21

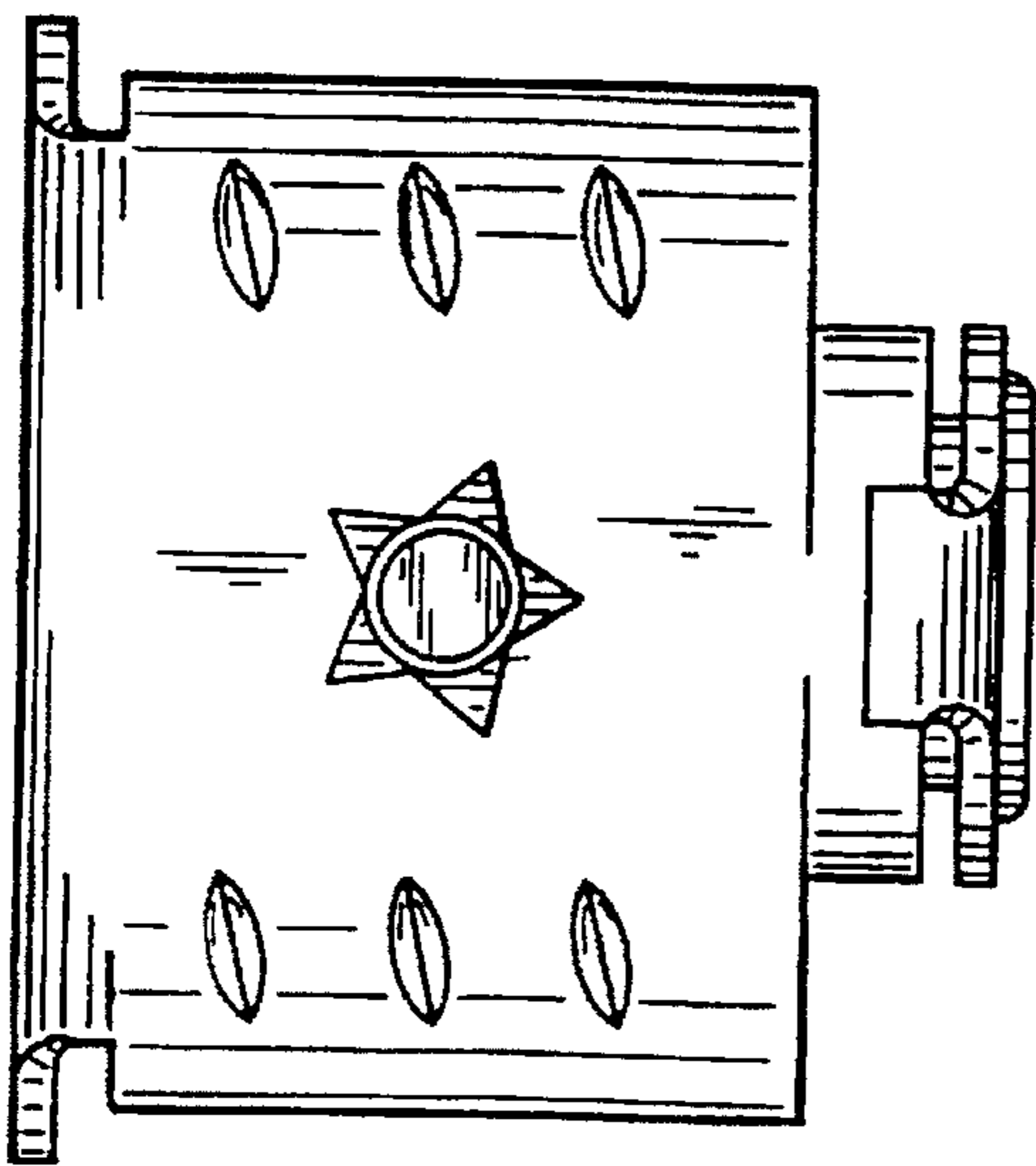


FIG. 22

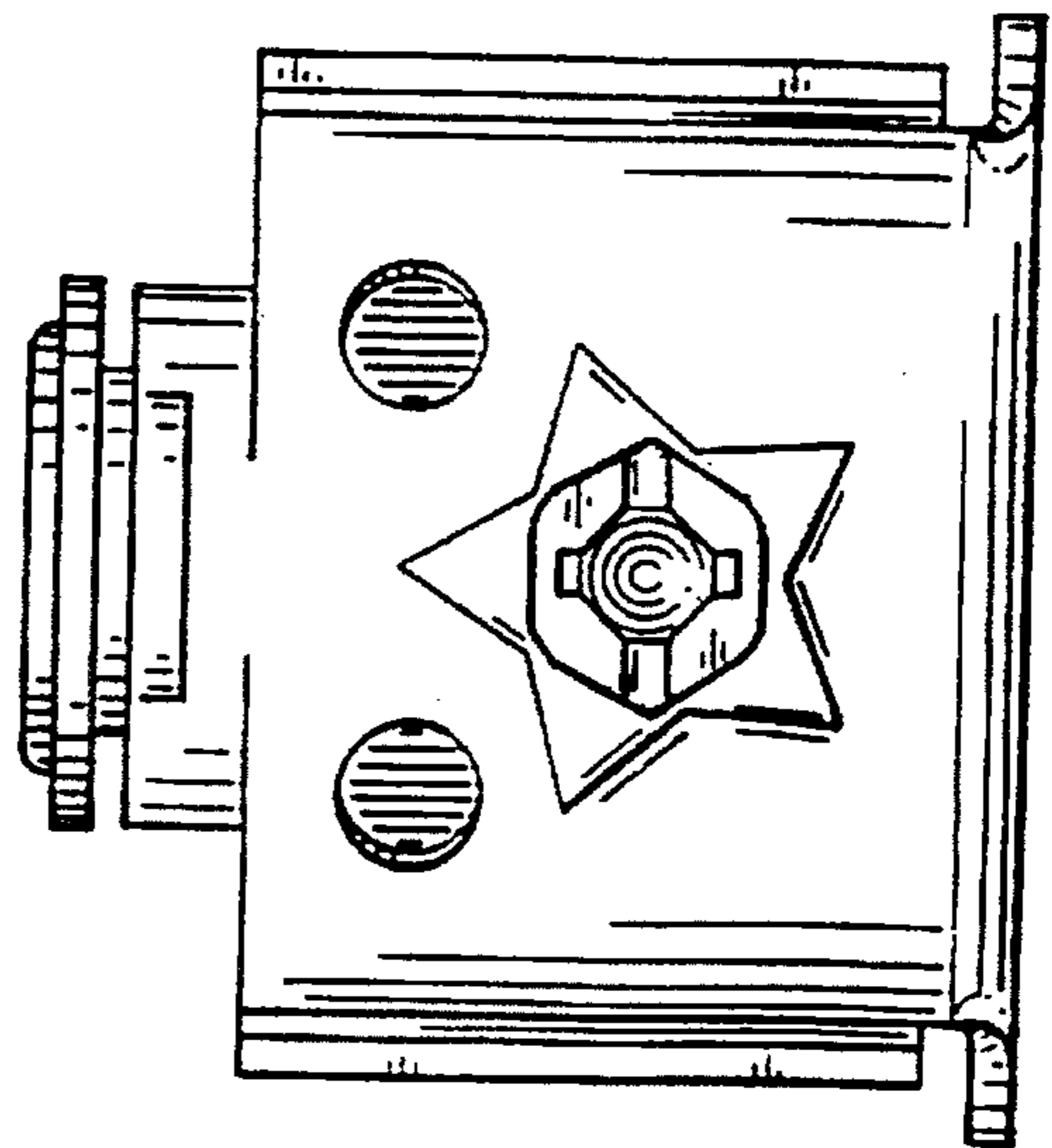


FIG. 23

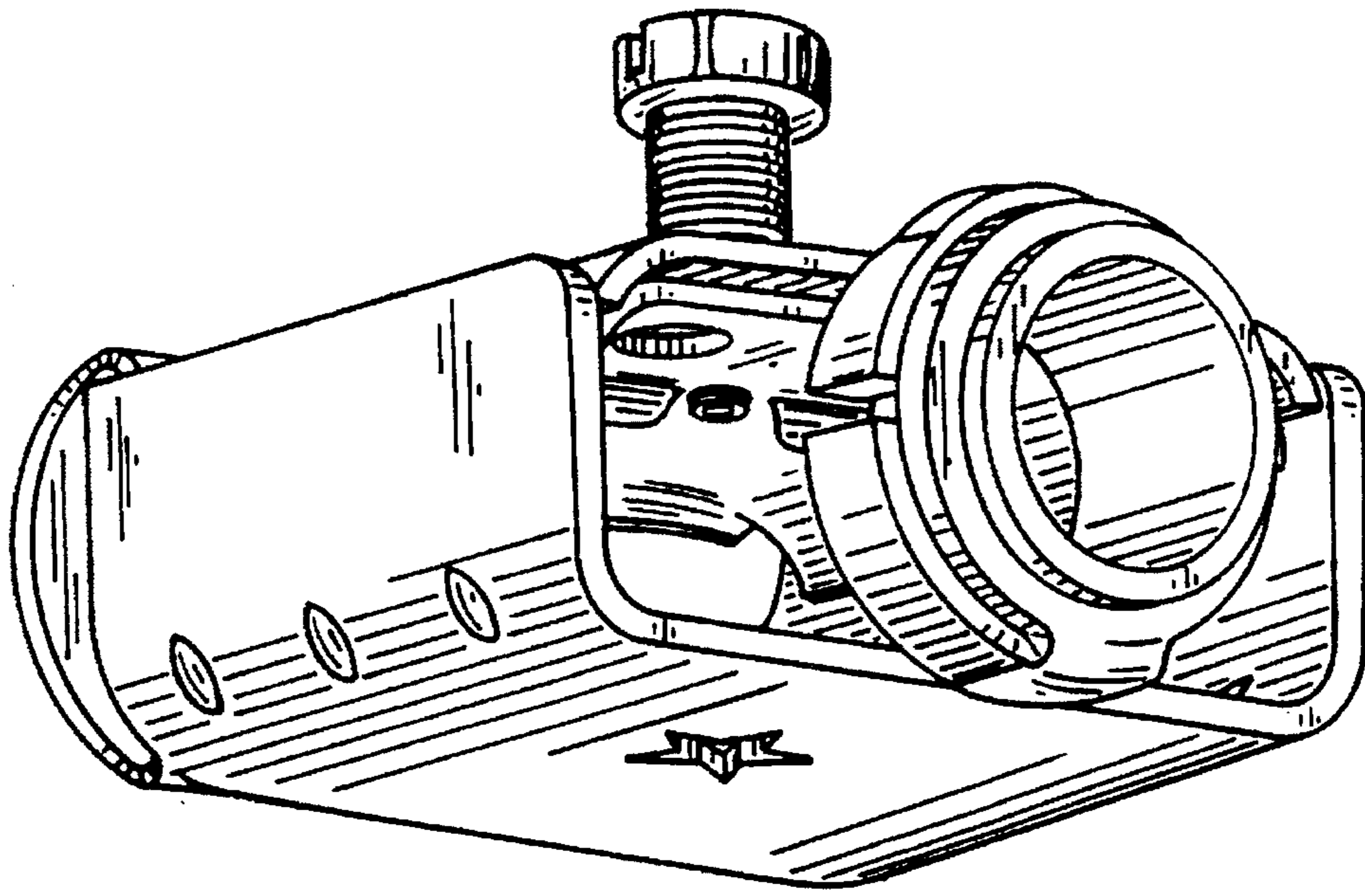


FIG. 24

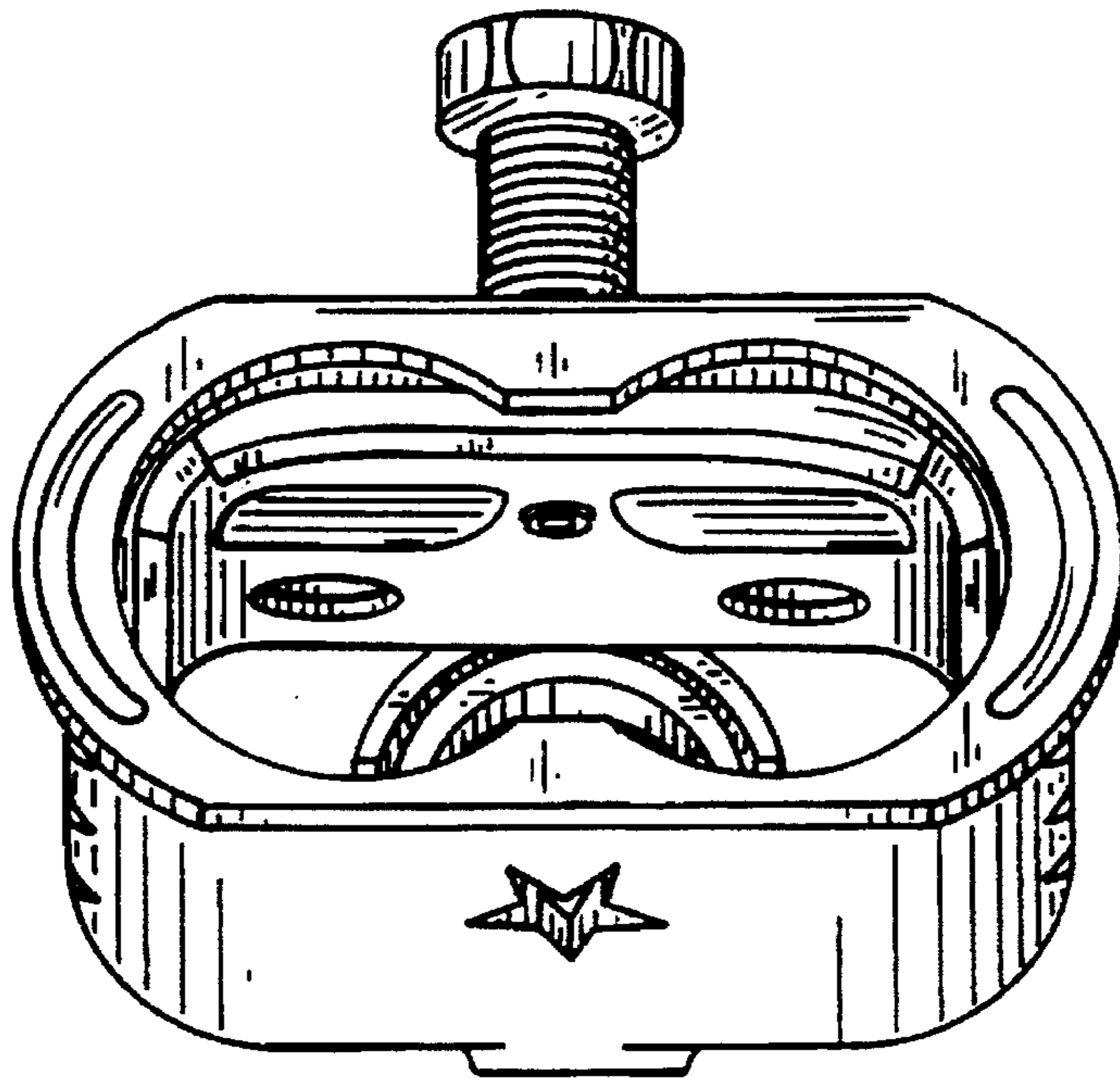


FIG. 25

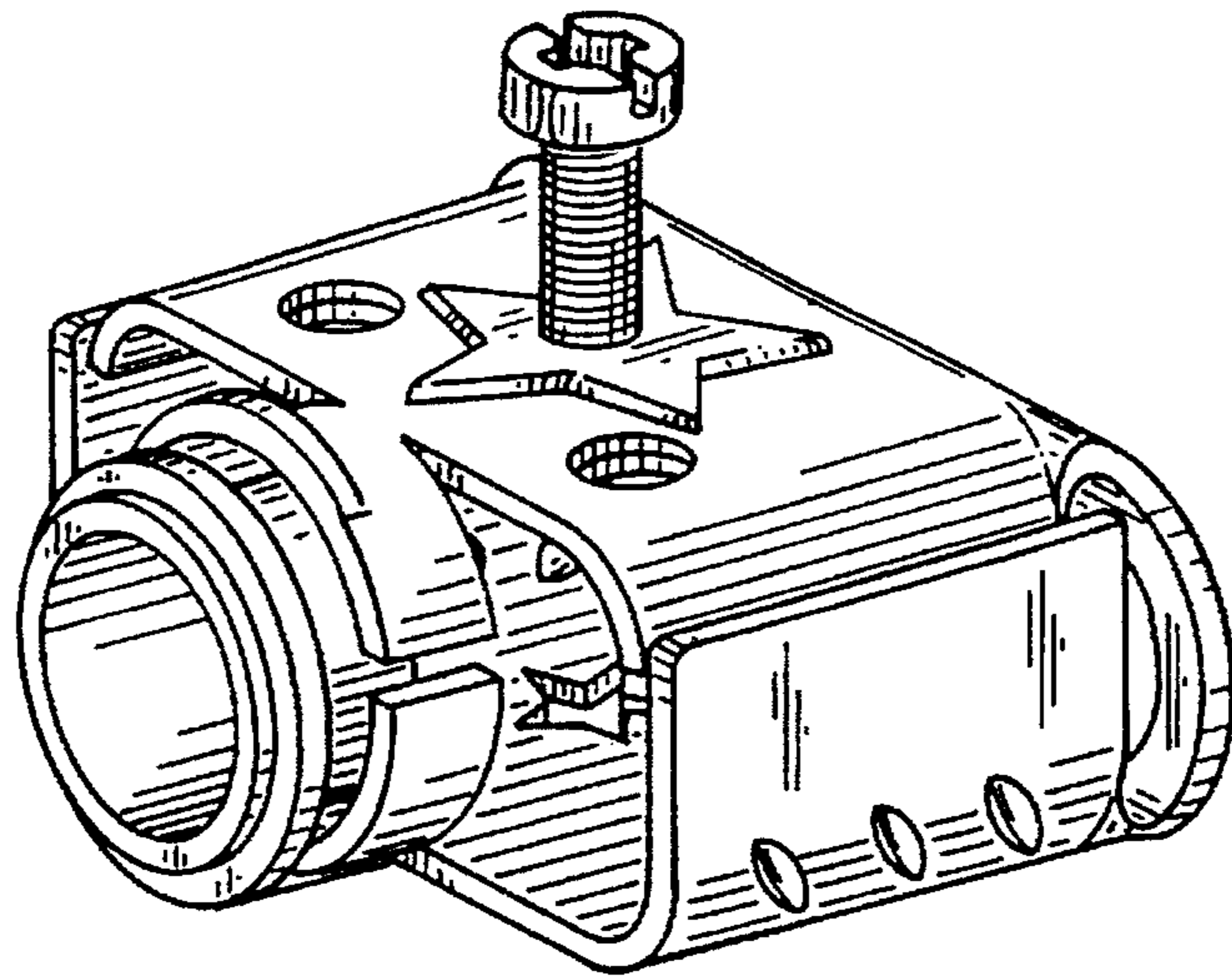


FIG. 26

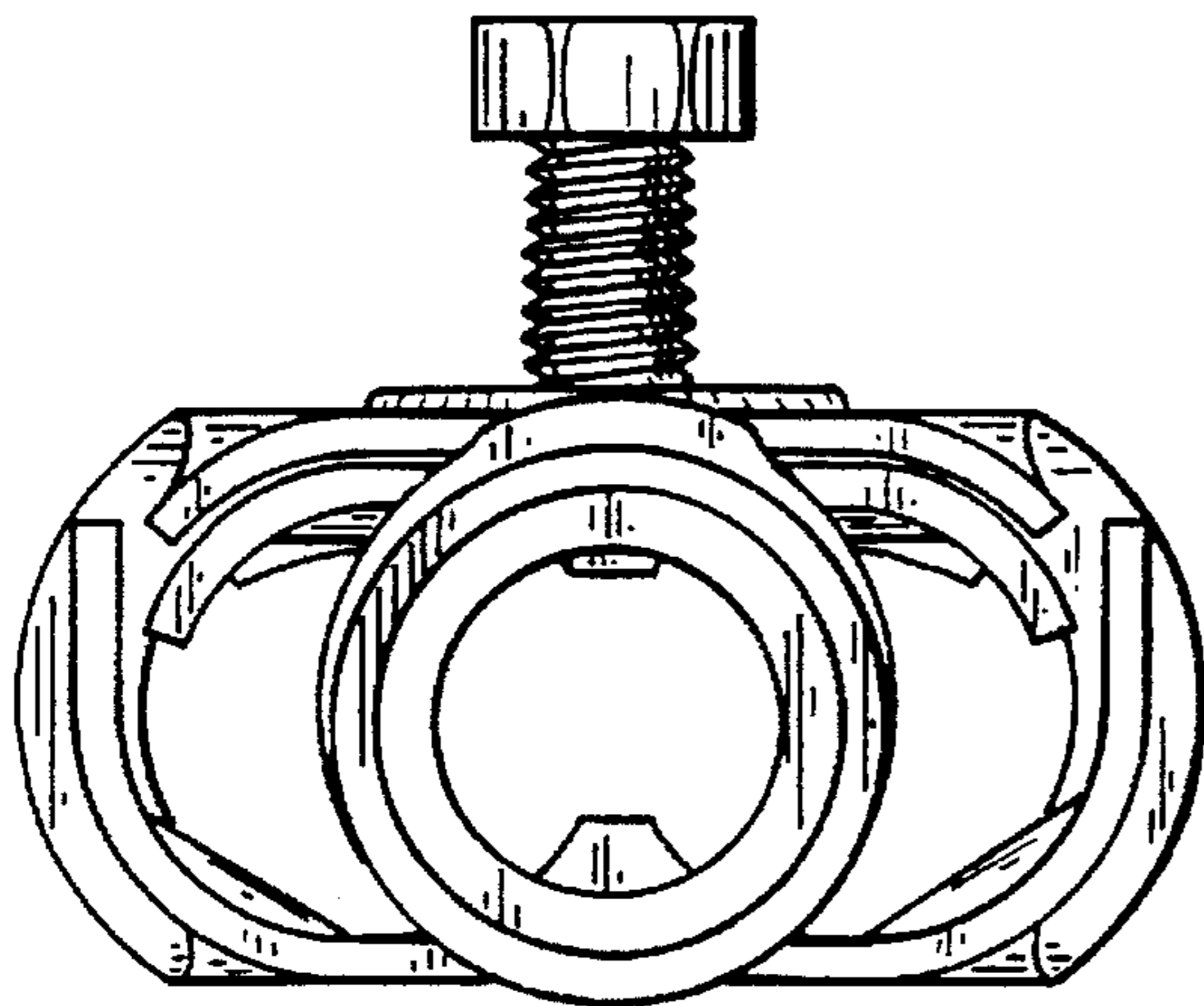


FIG. 27

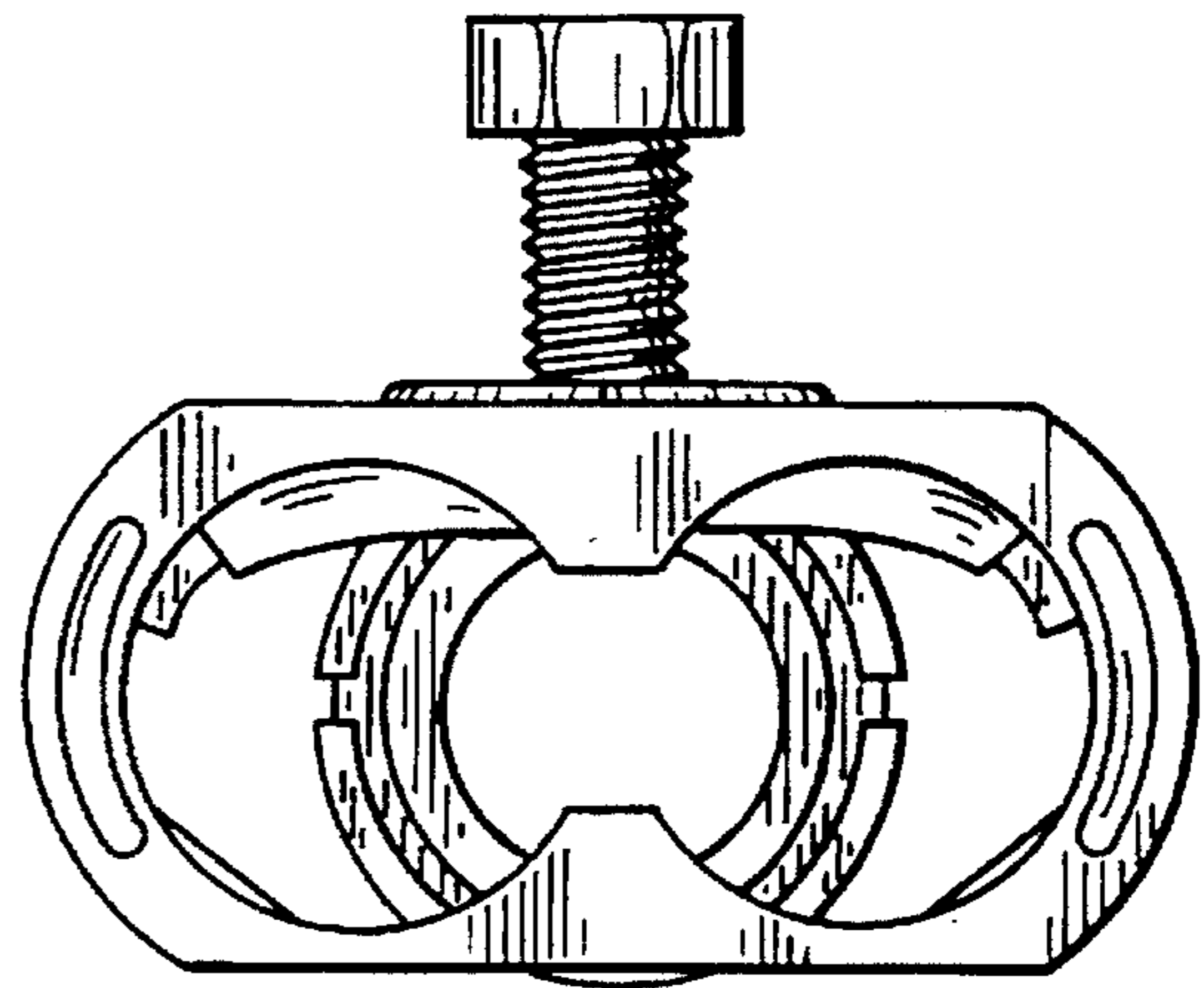


FIG. 28

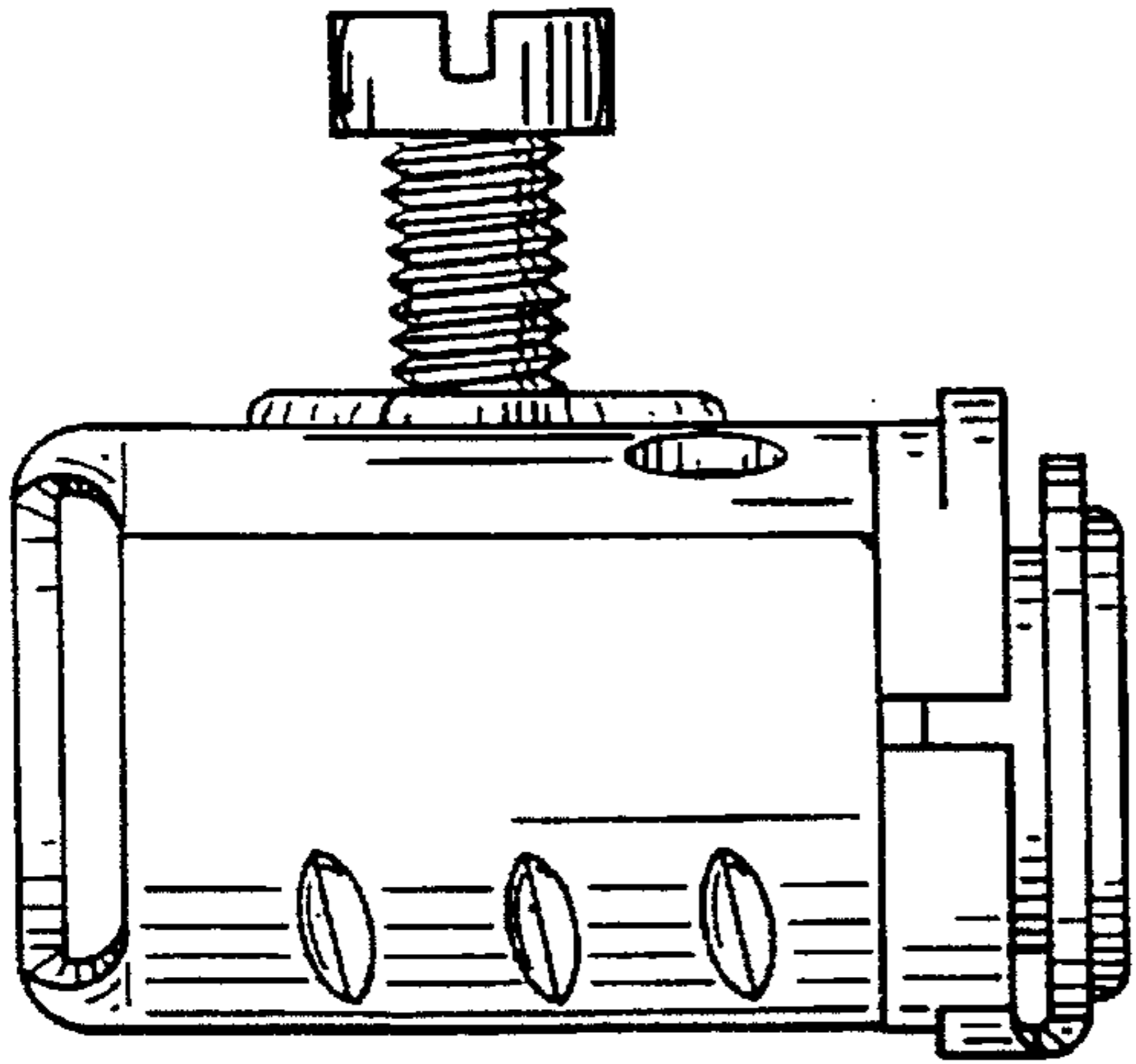


FIG. 29

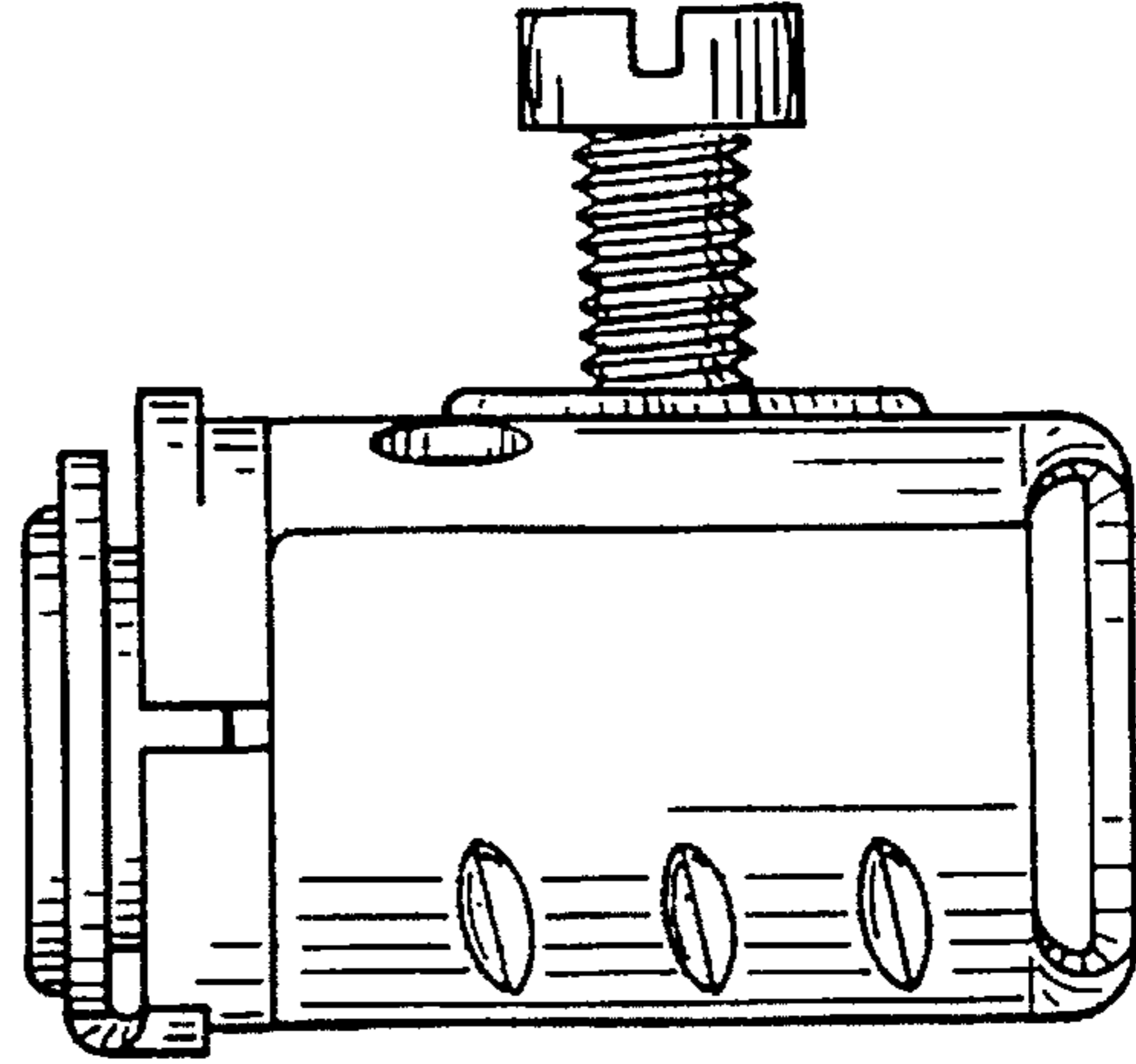


FIG. 30

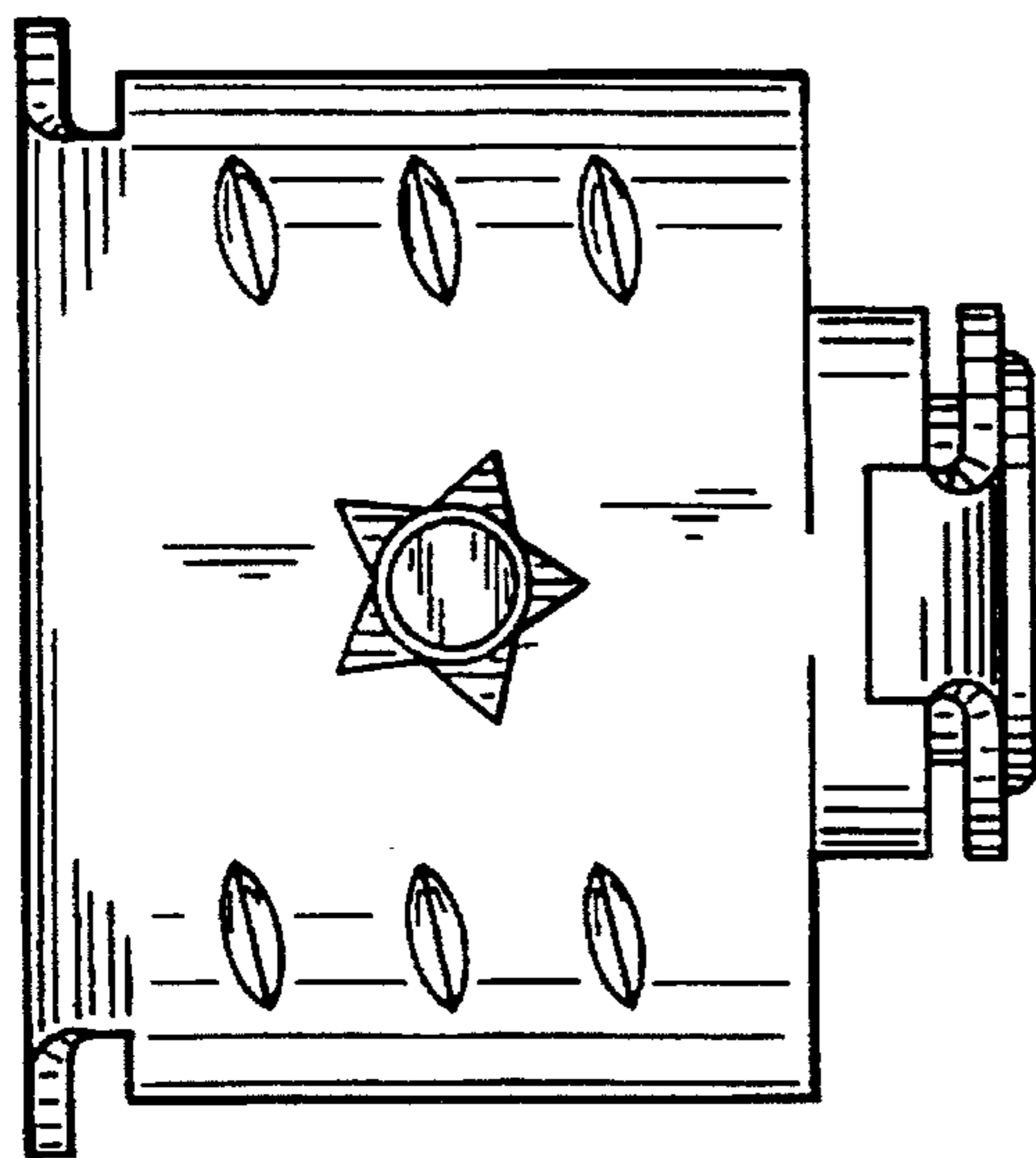


FIG. 31

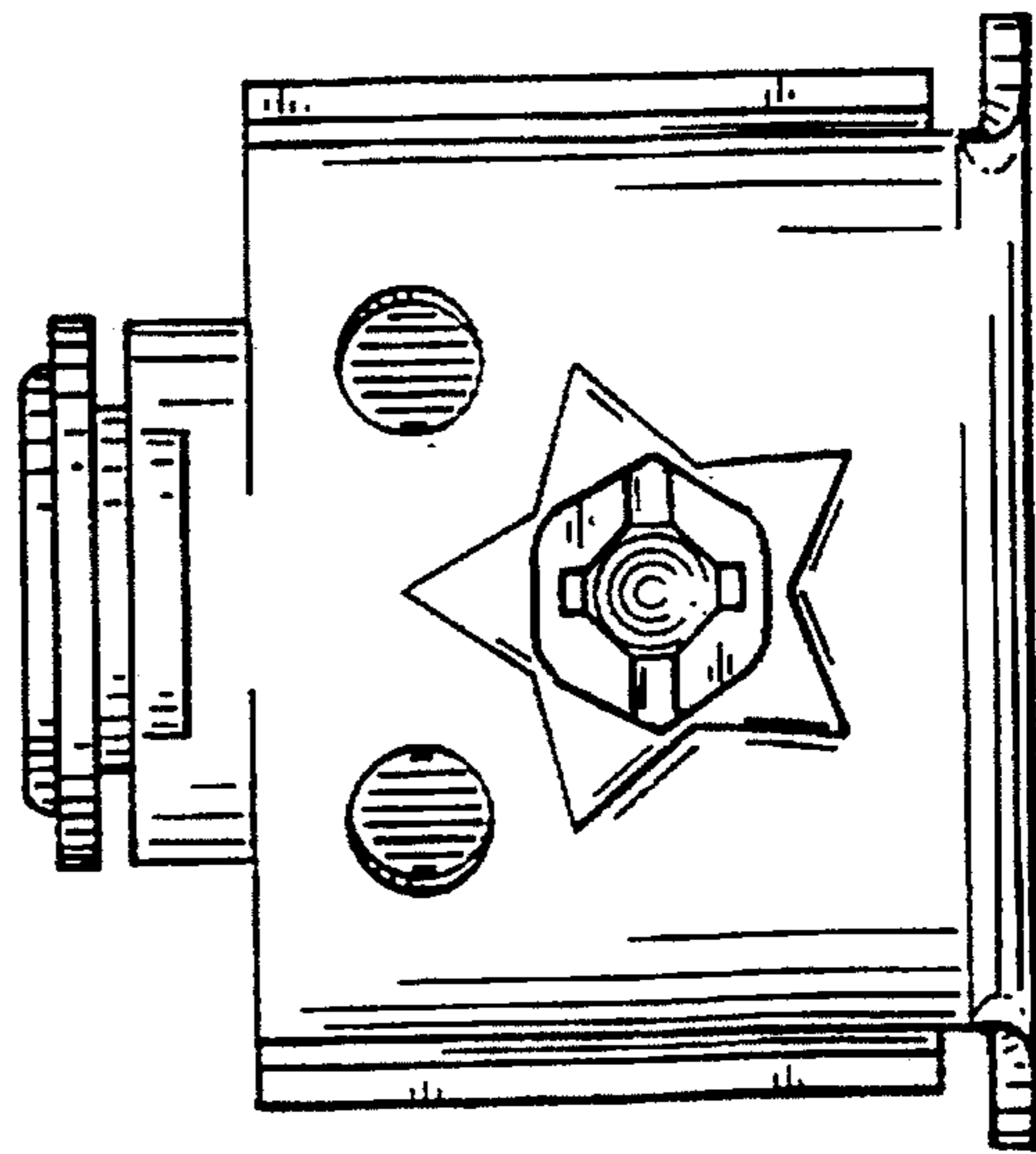


FIG. 32

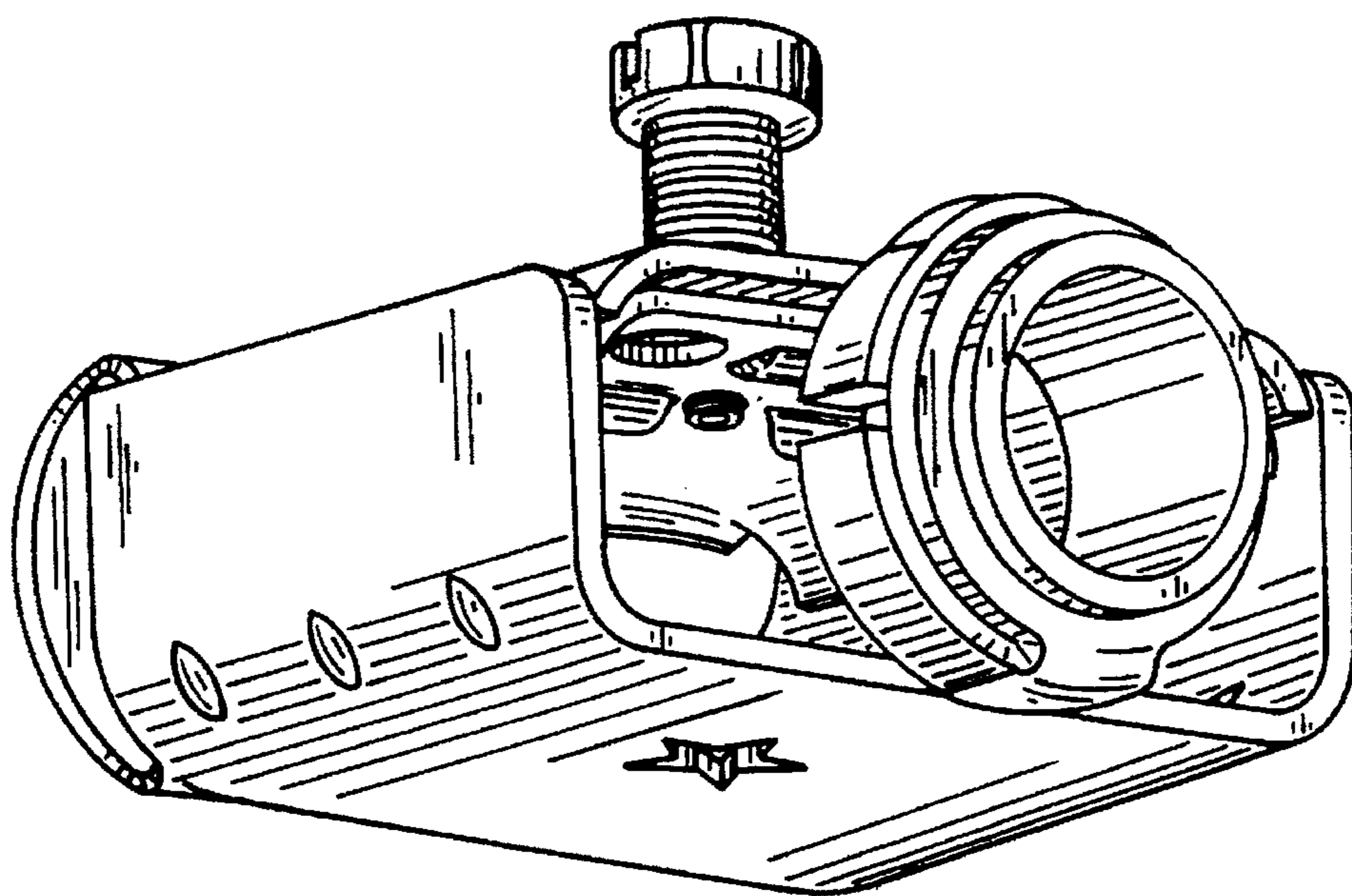


FIG. 33

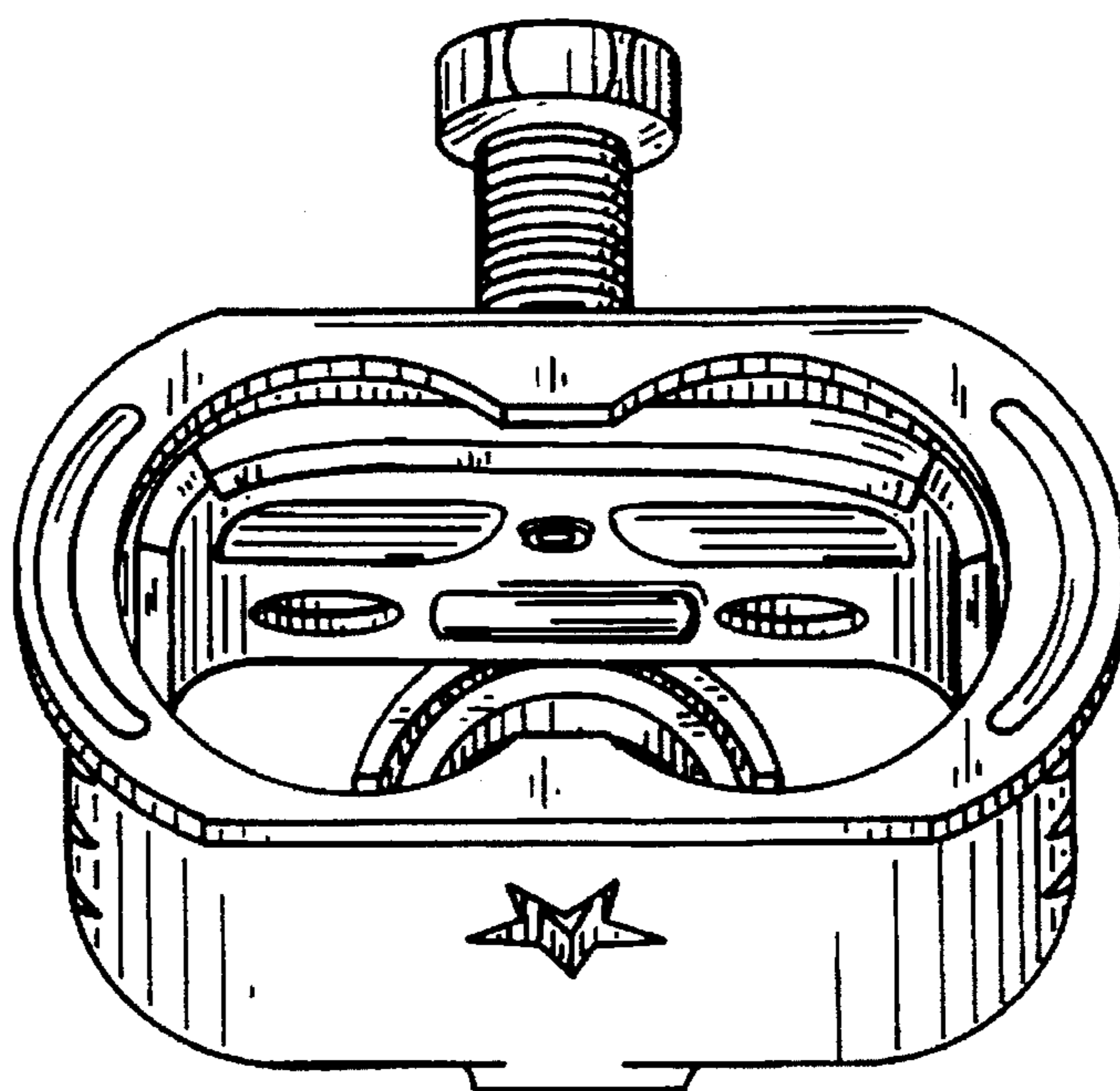


FIG. 34

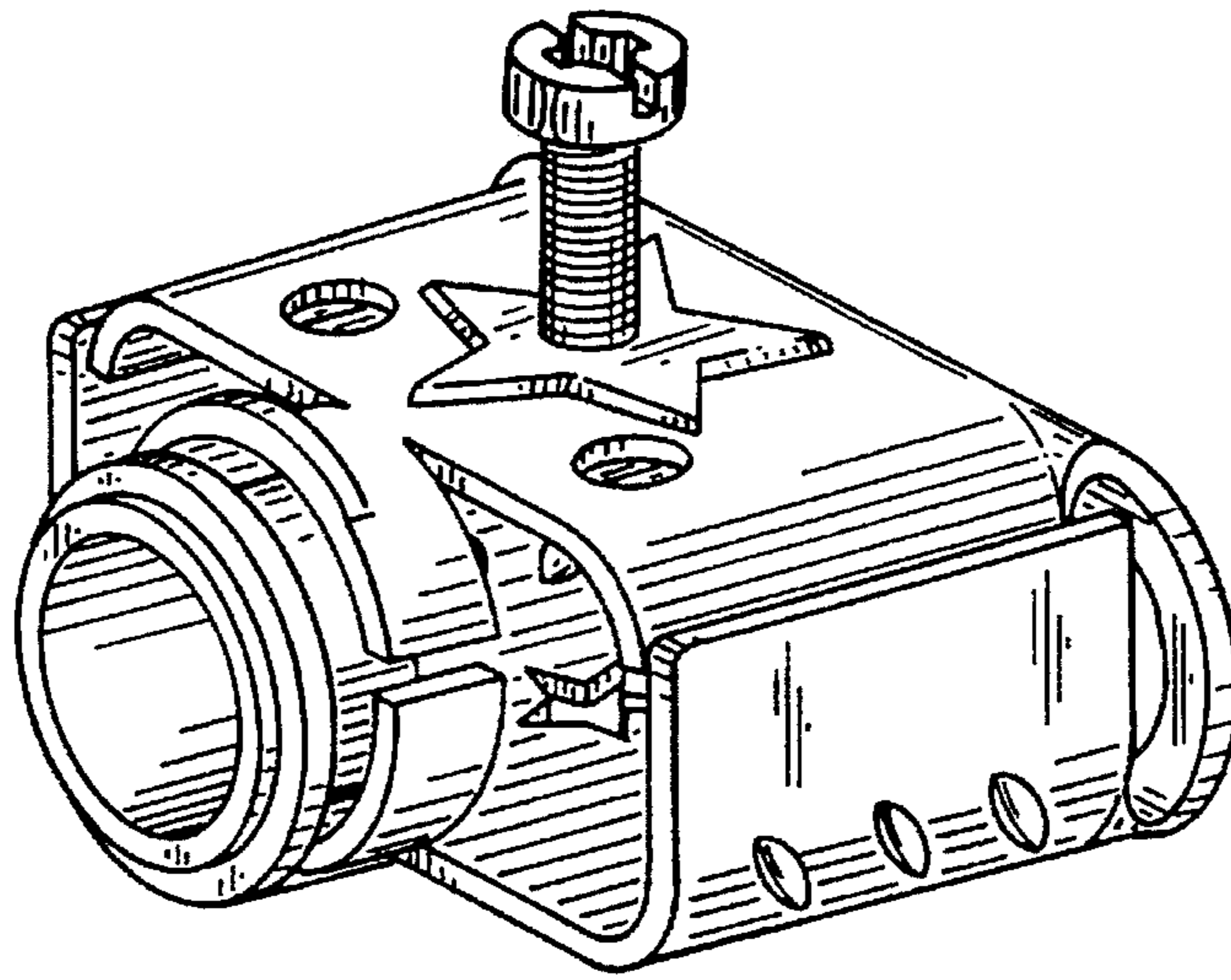


FIG. 35

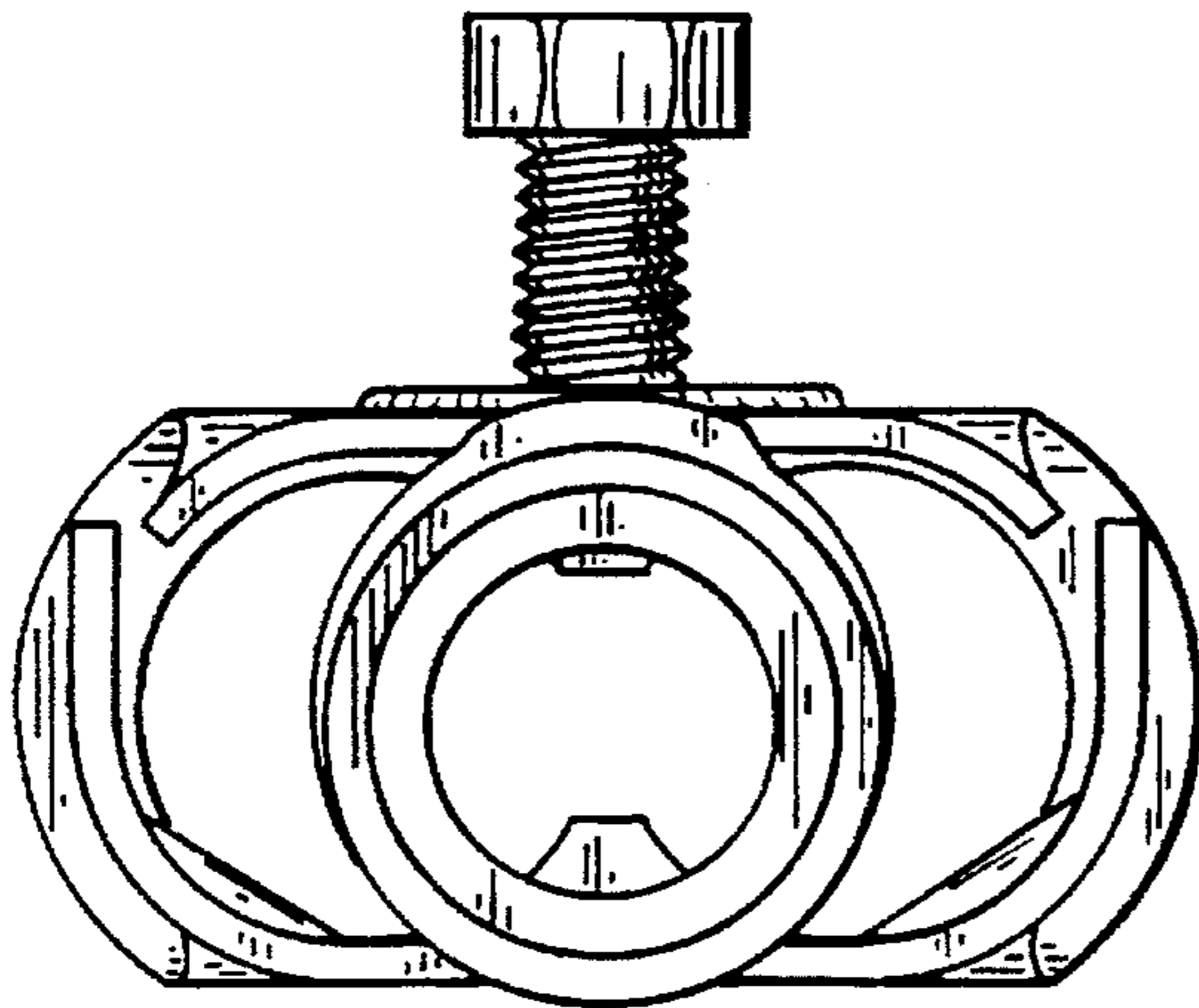


FIG. 36

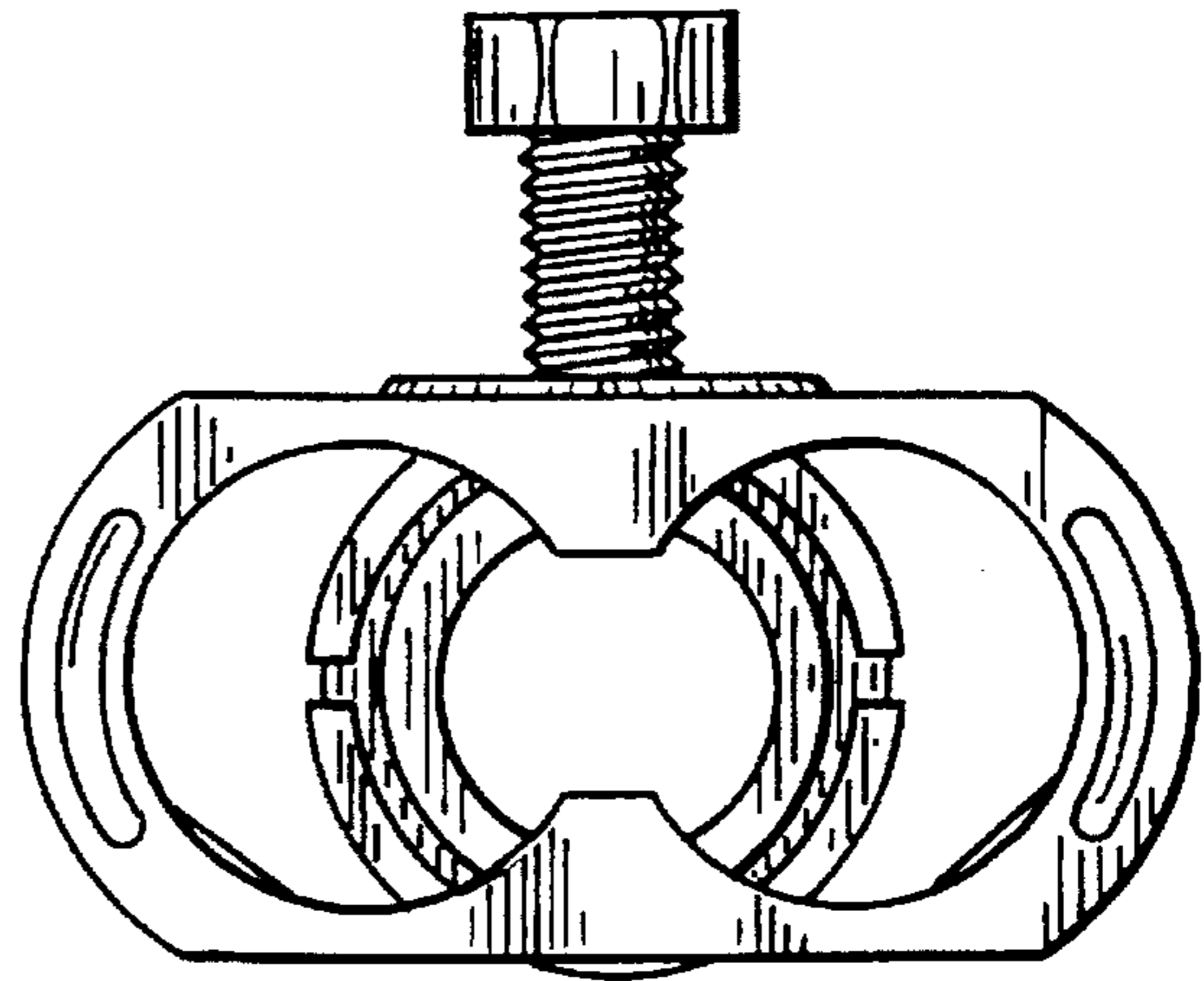


FIG. 37

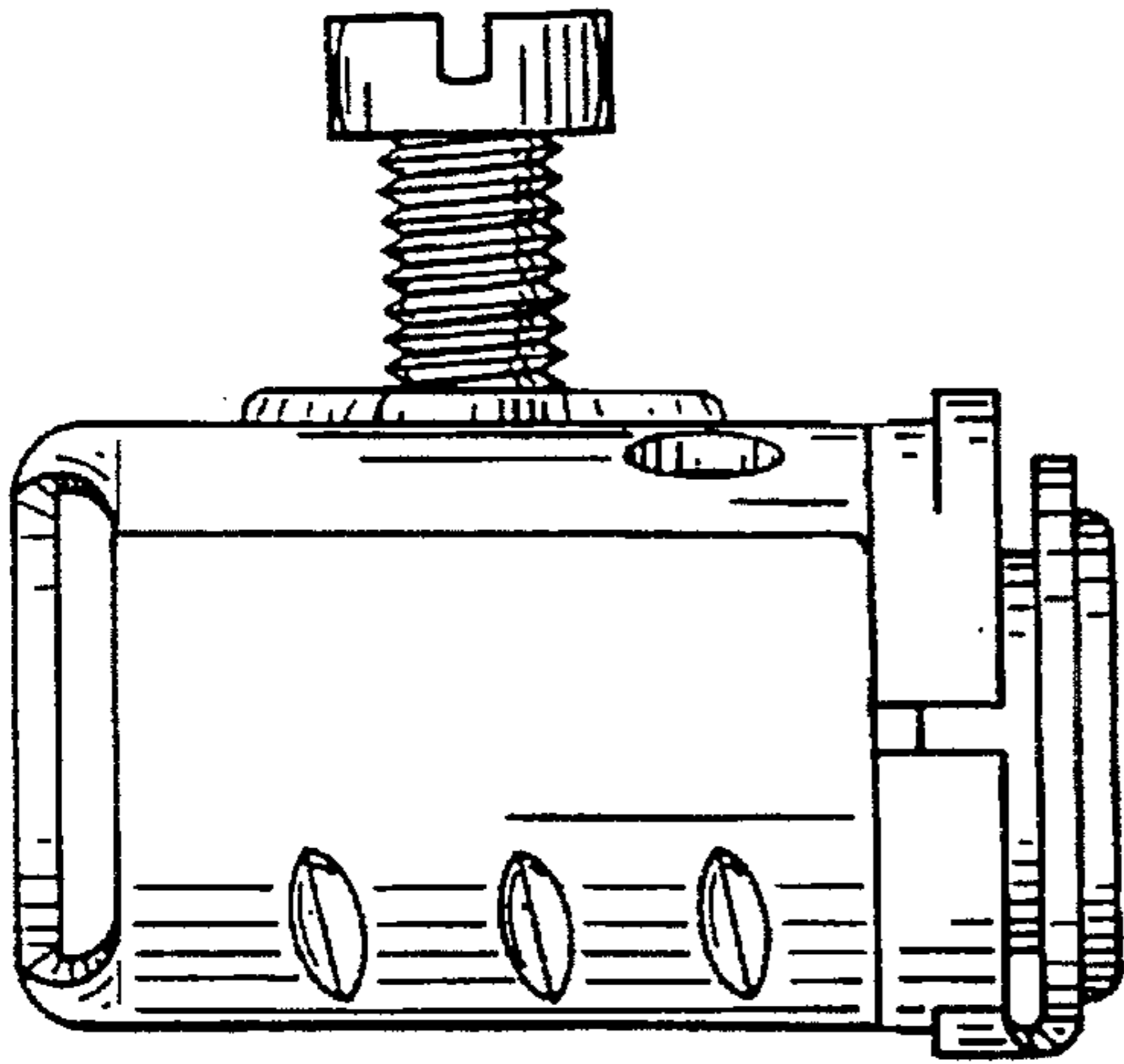


FIG. 38

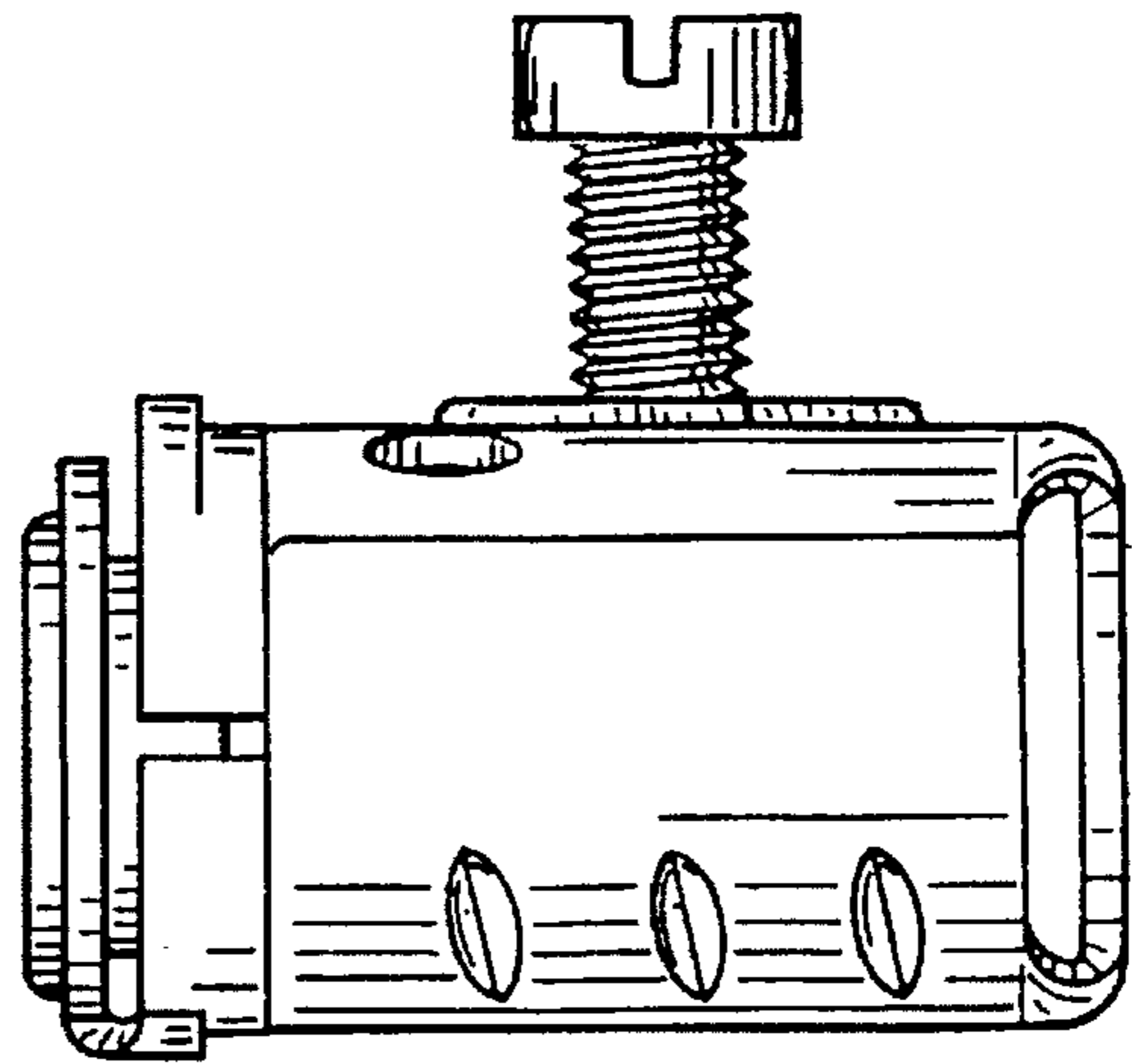


FIG. 39

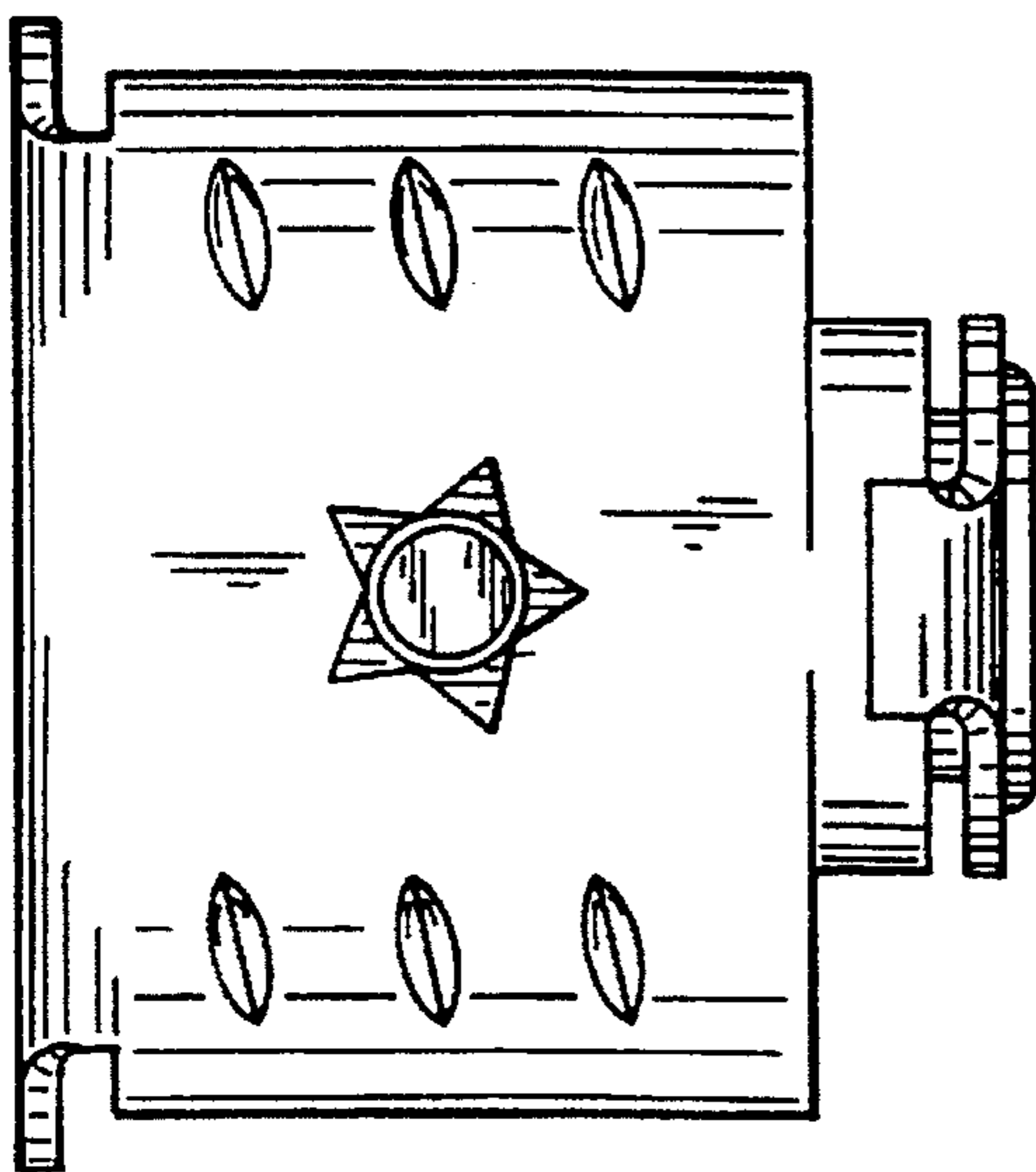


FIG. 40

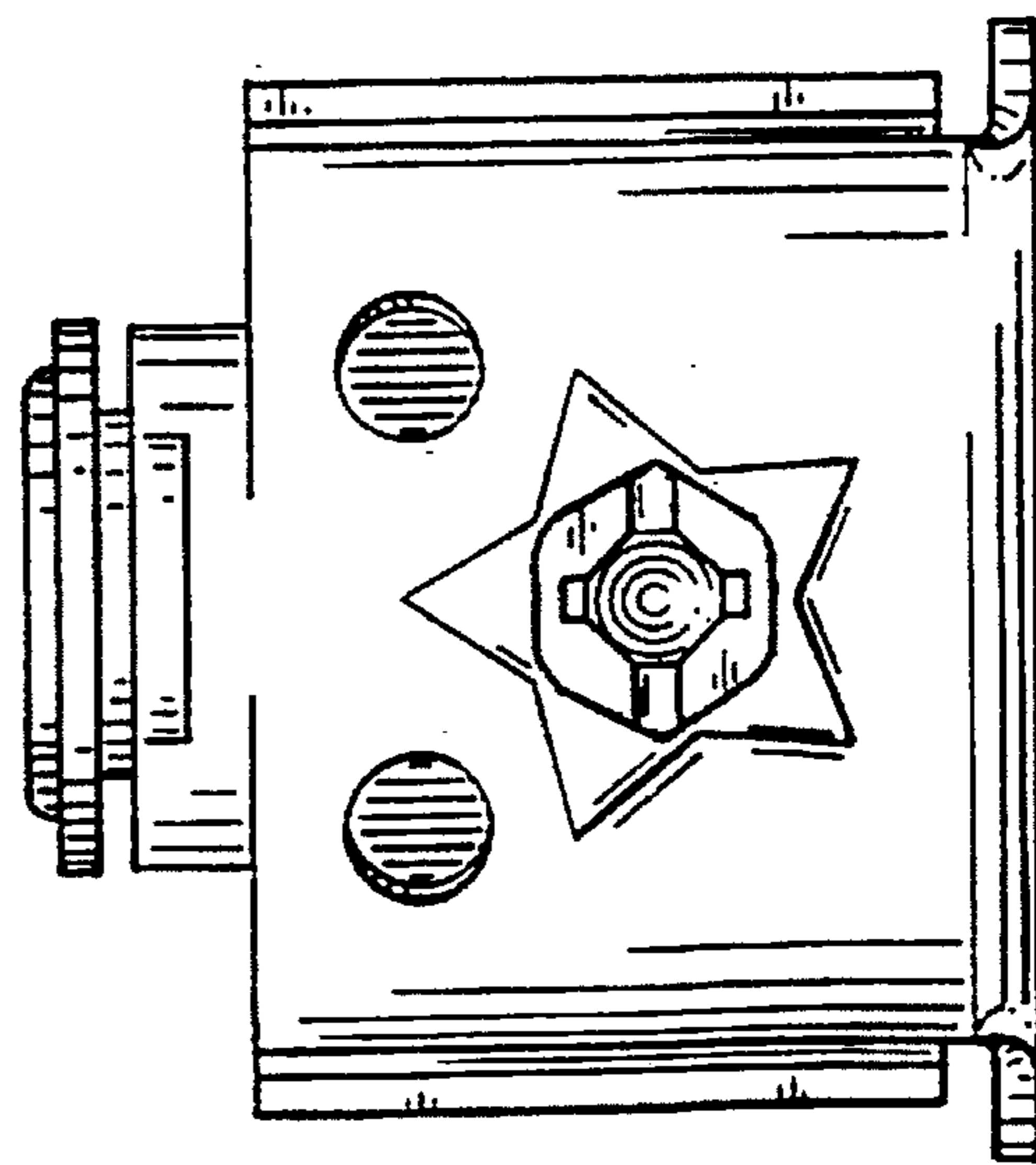


FIG. 41

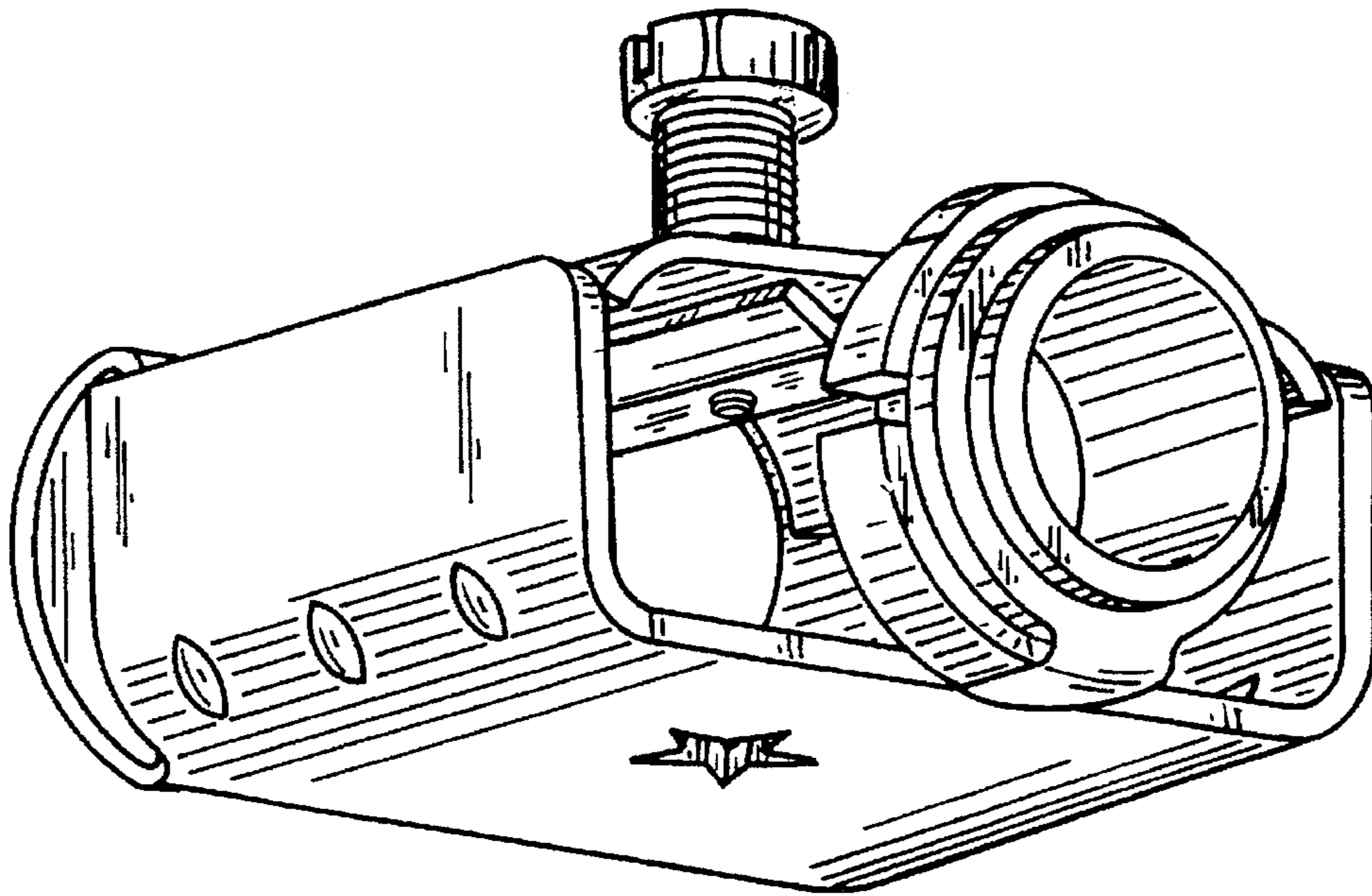


FIG. 42

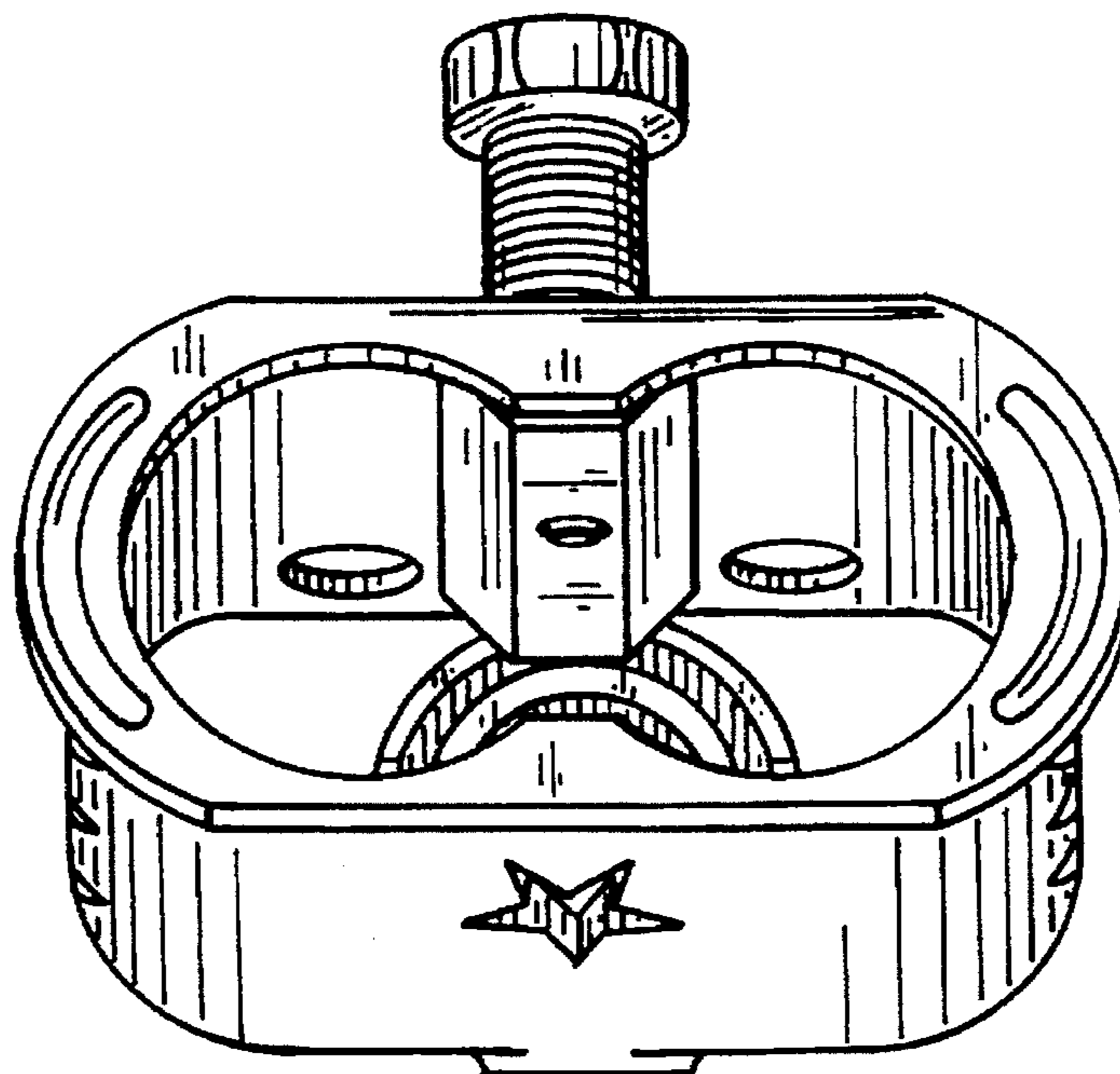


FIG. 43

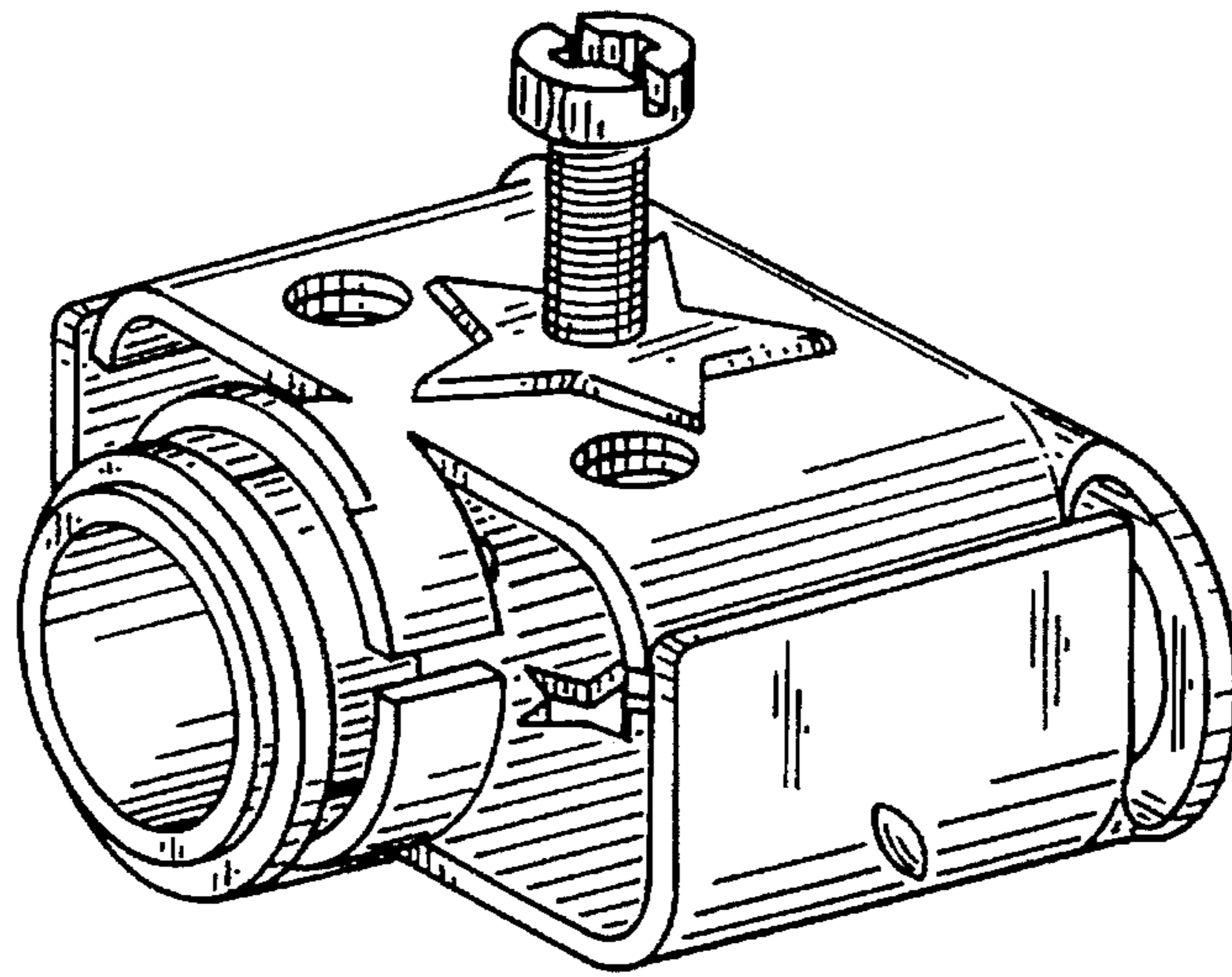


FIG. 44

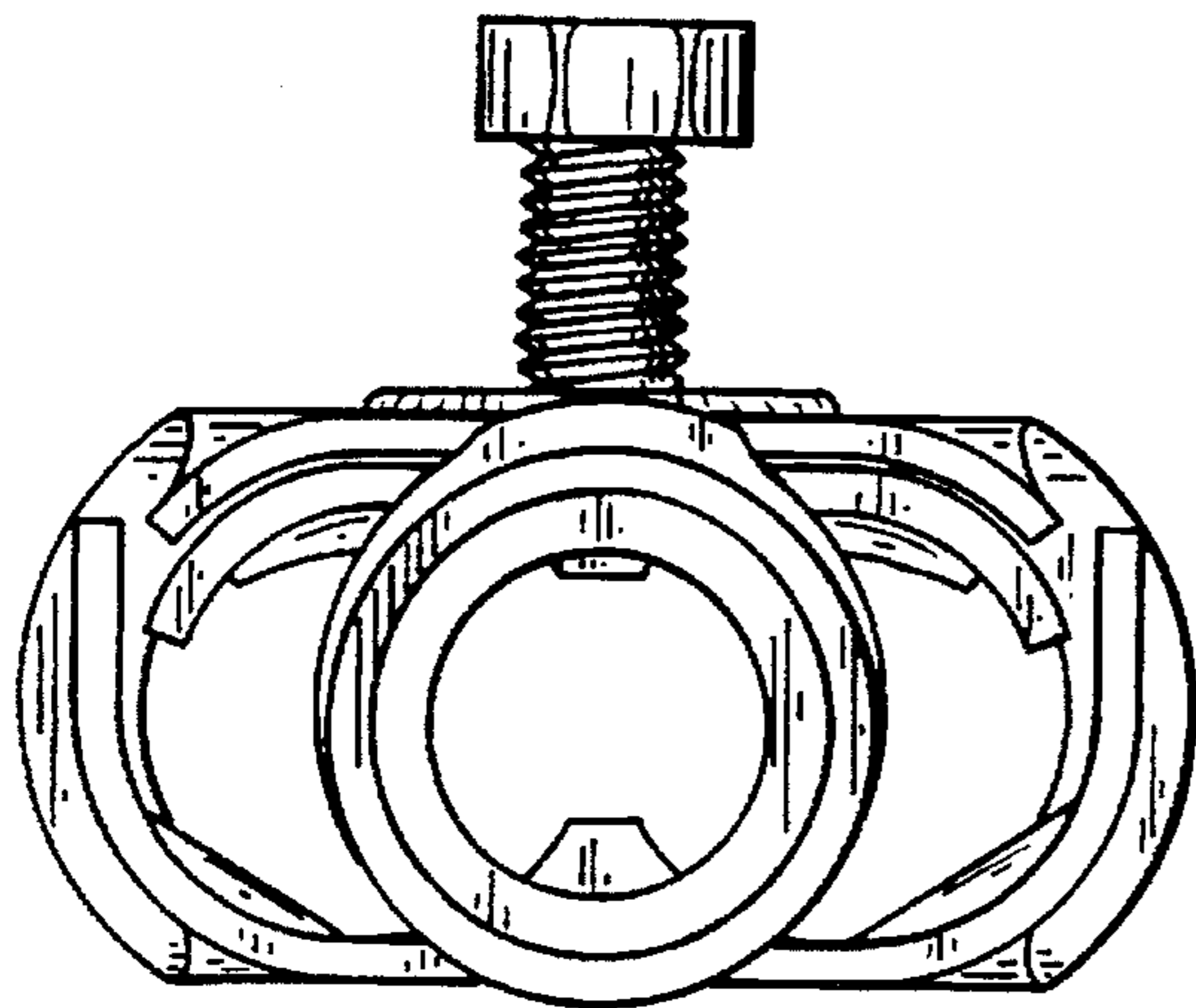


FIG. 45

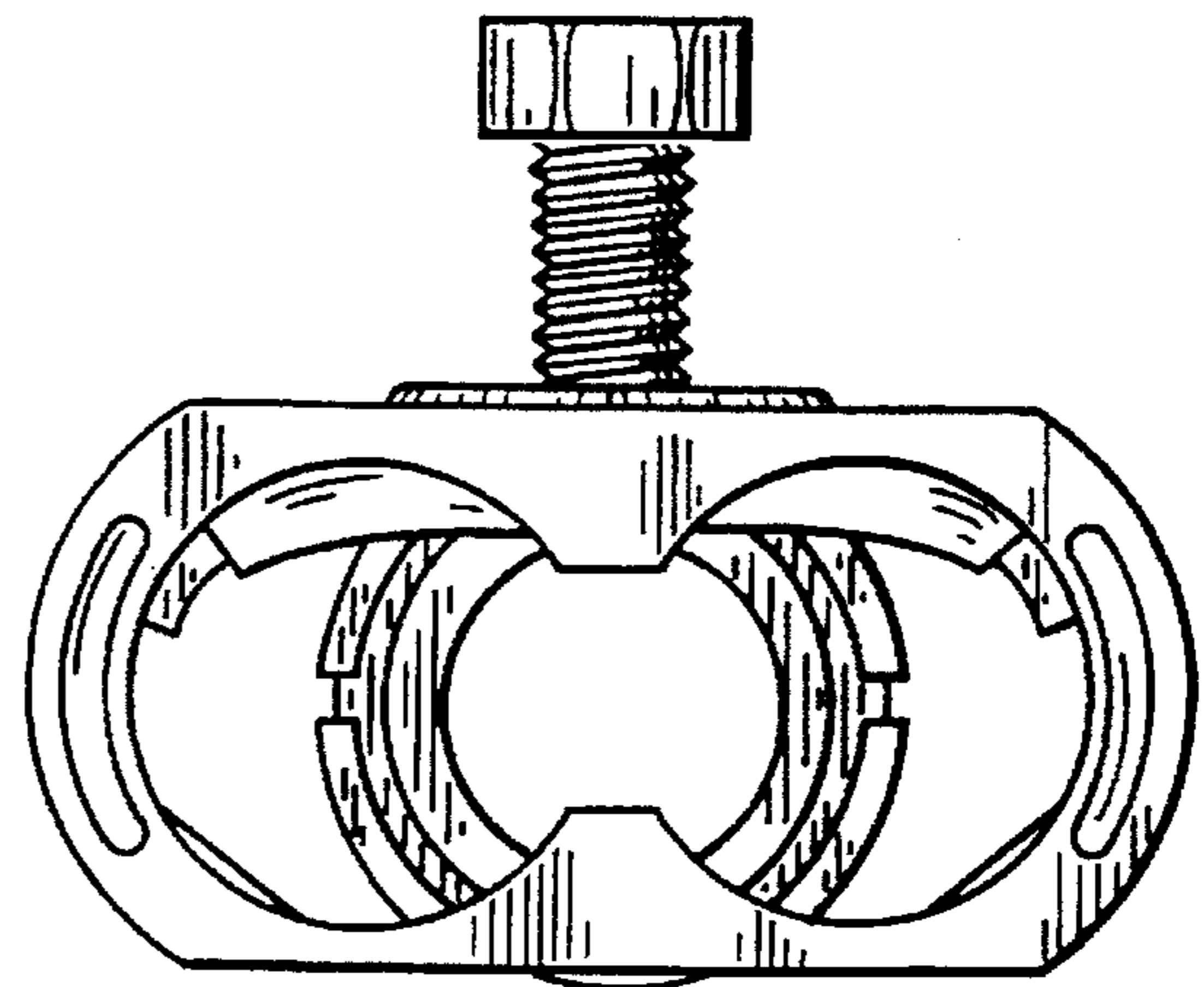


FIG. 46

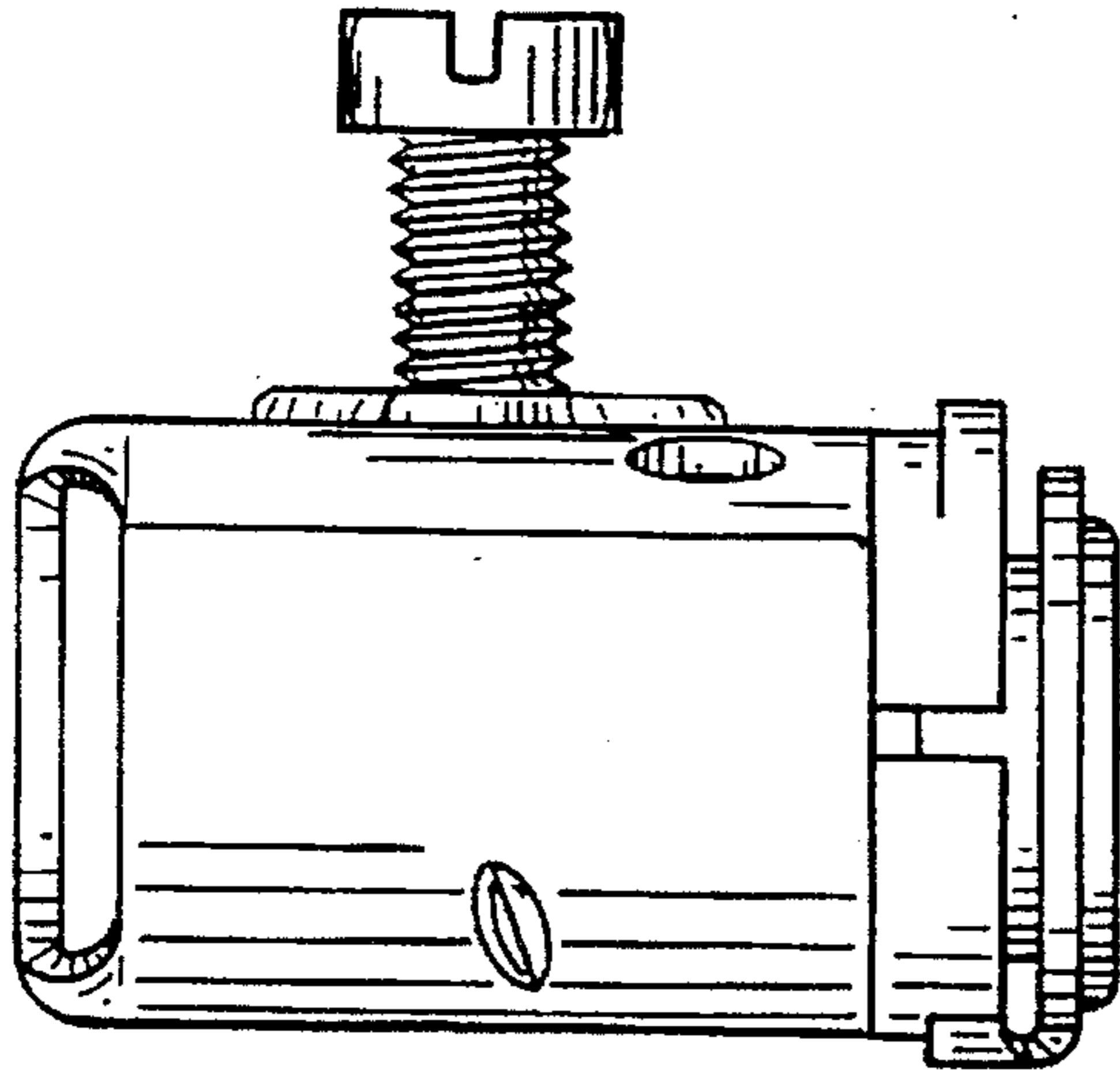


FIG. 47

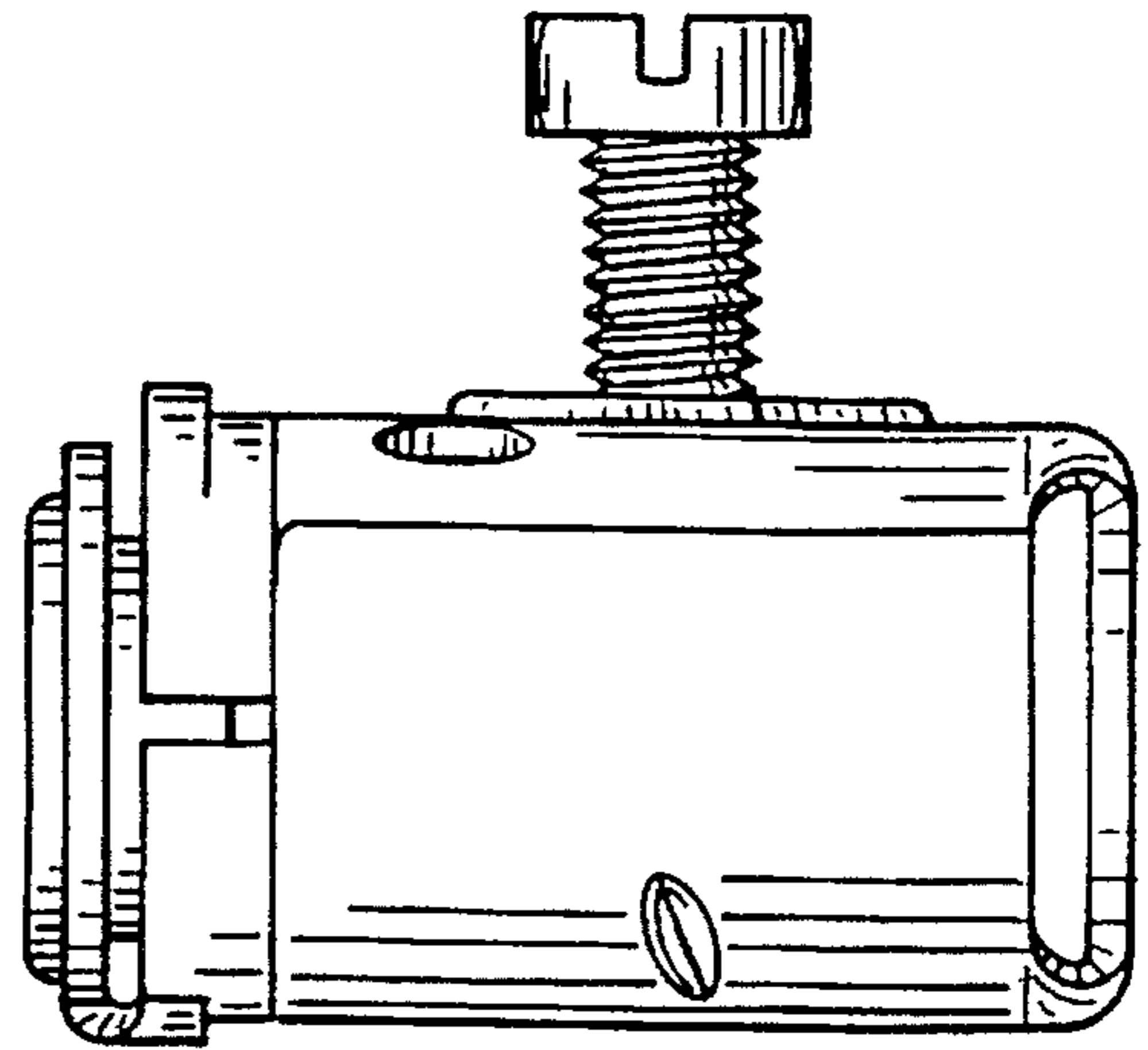


FIG. 48

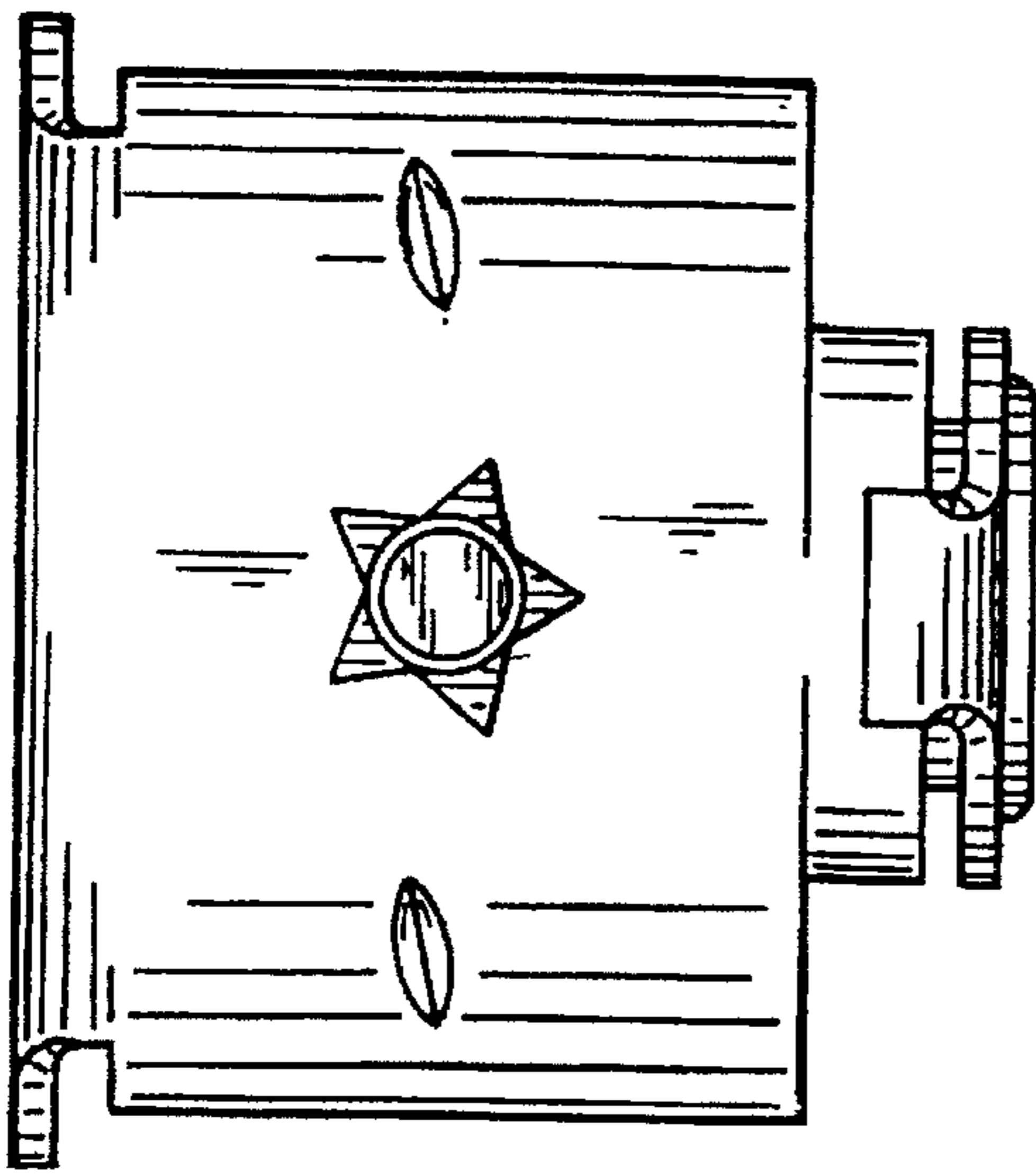


FIG. 49

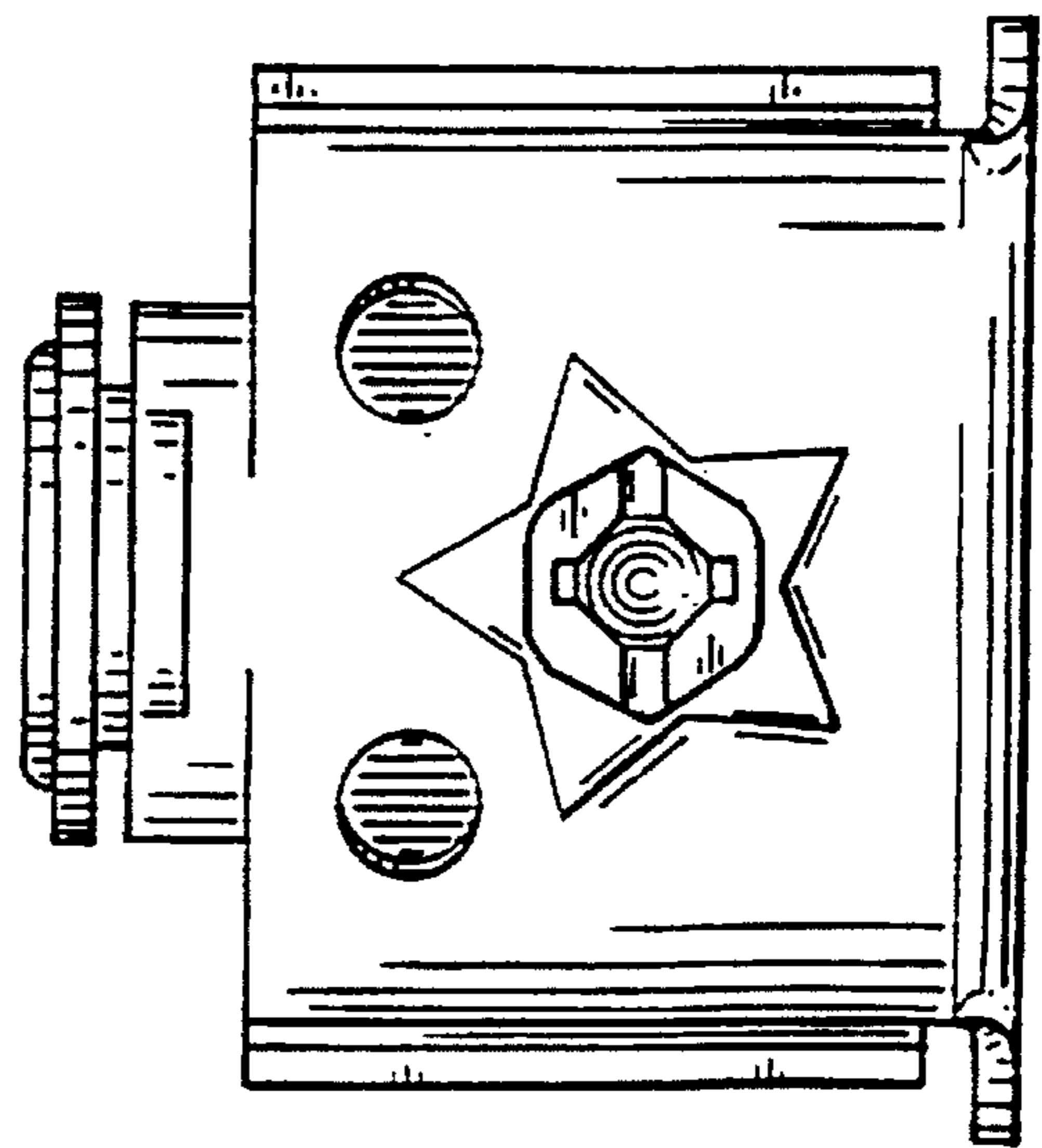


FIG. 50

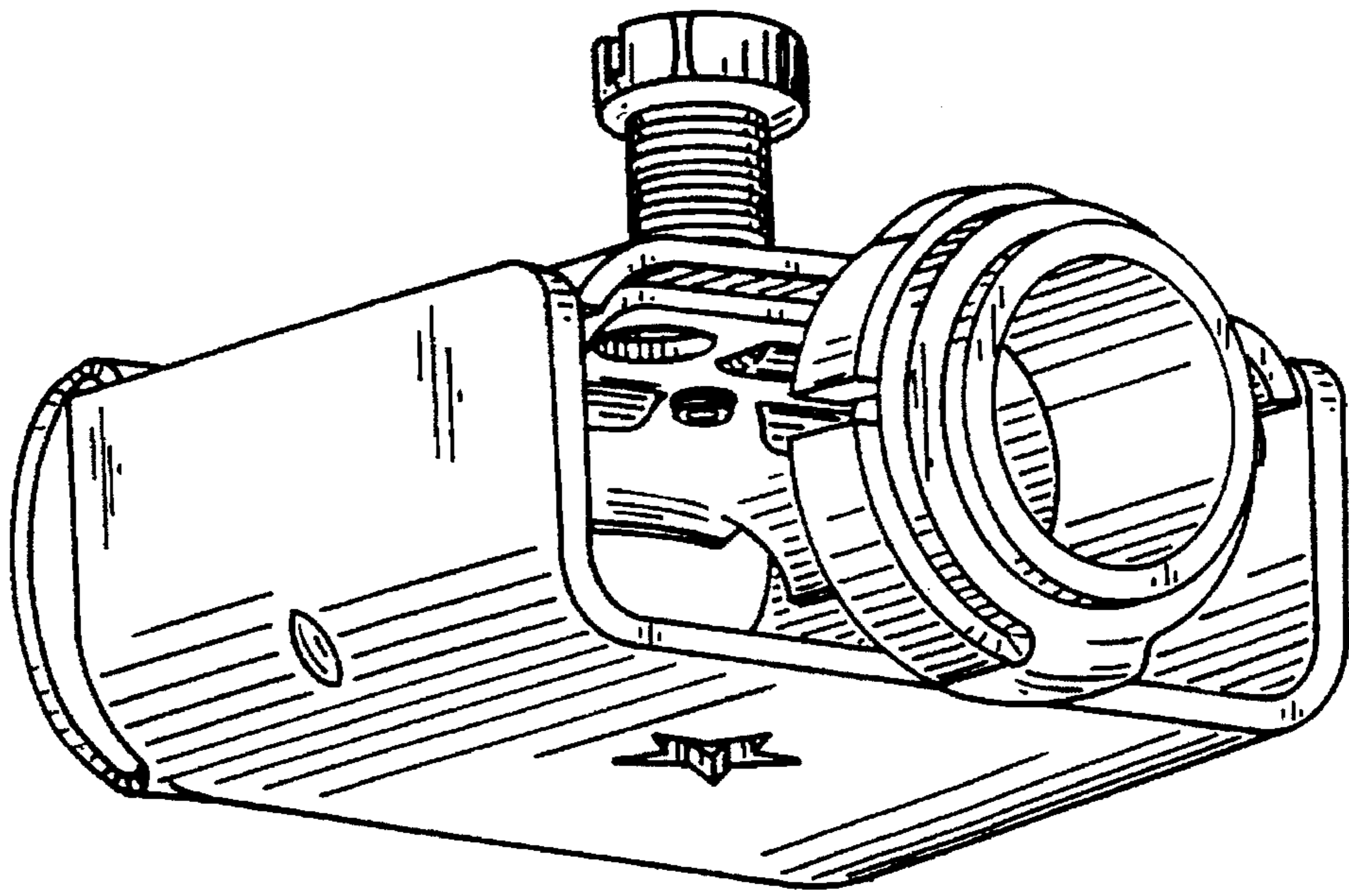


FIG. 51

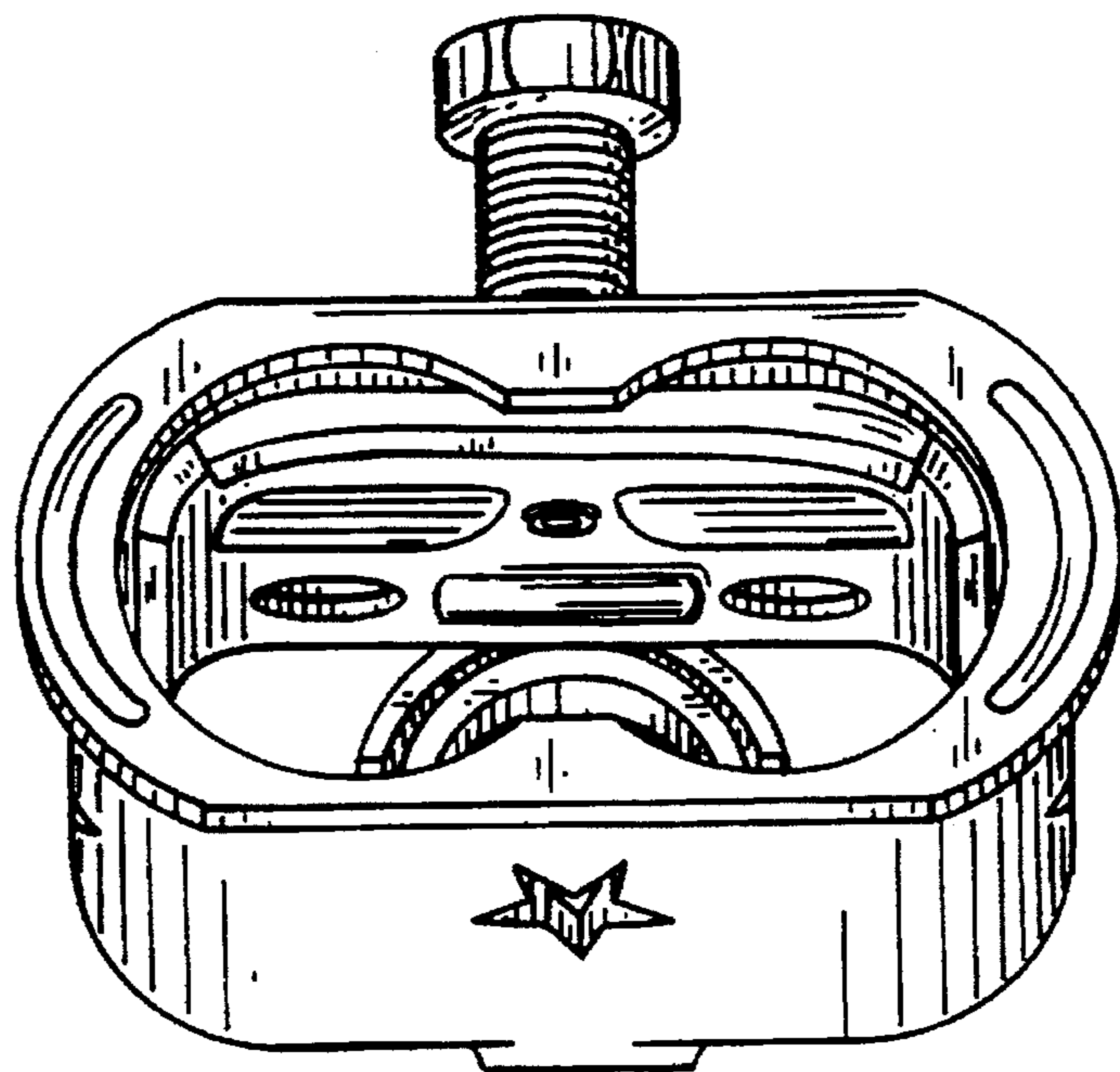


FIG. 52

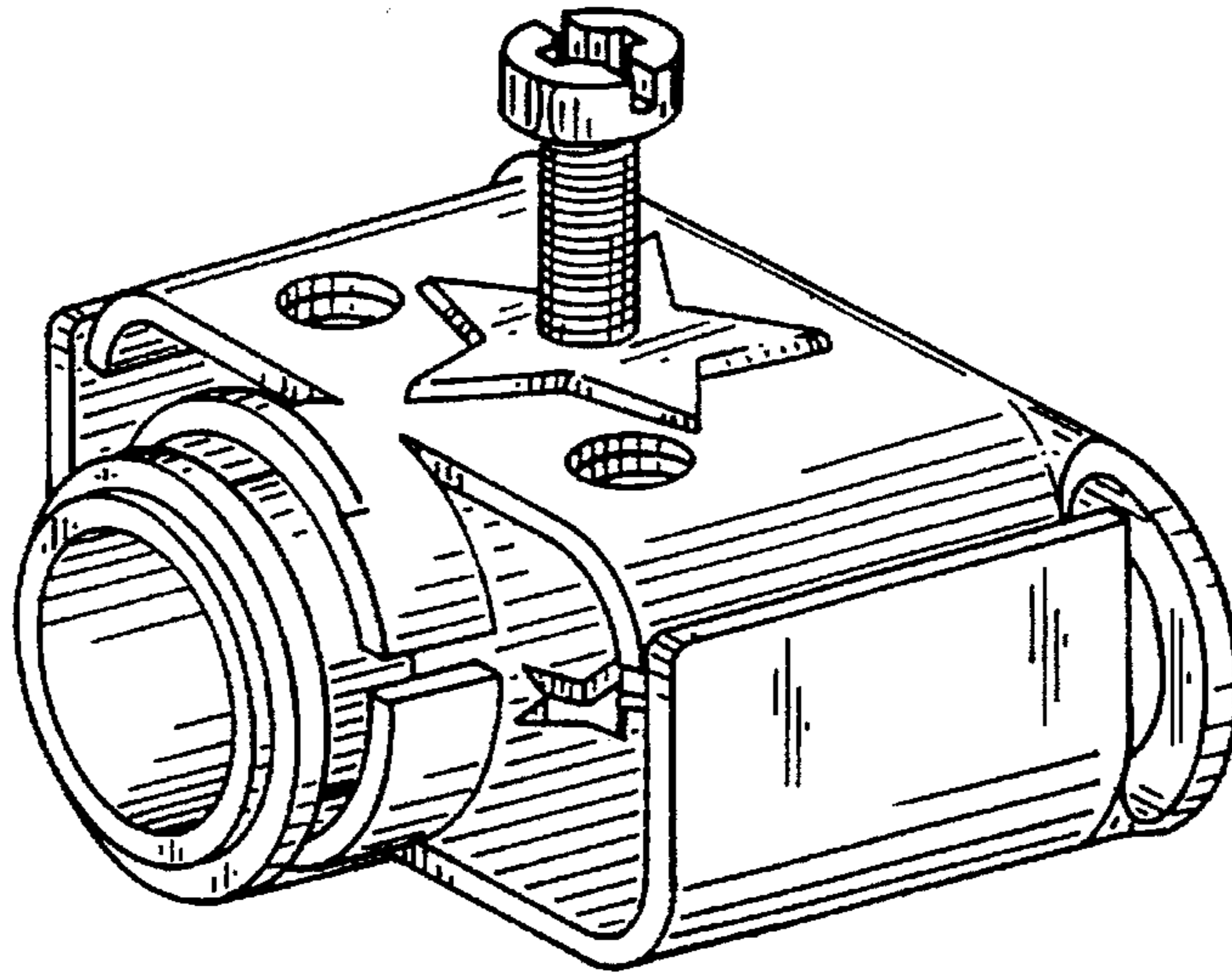


FIG. 53

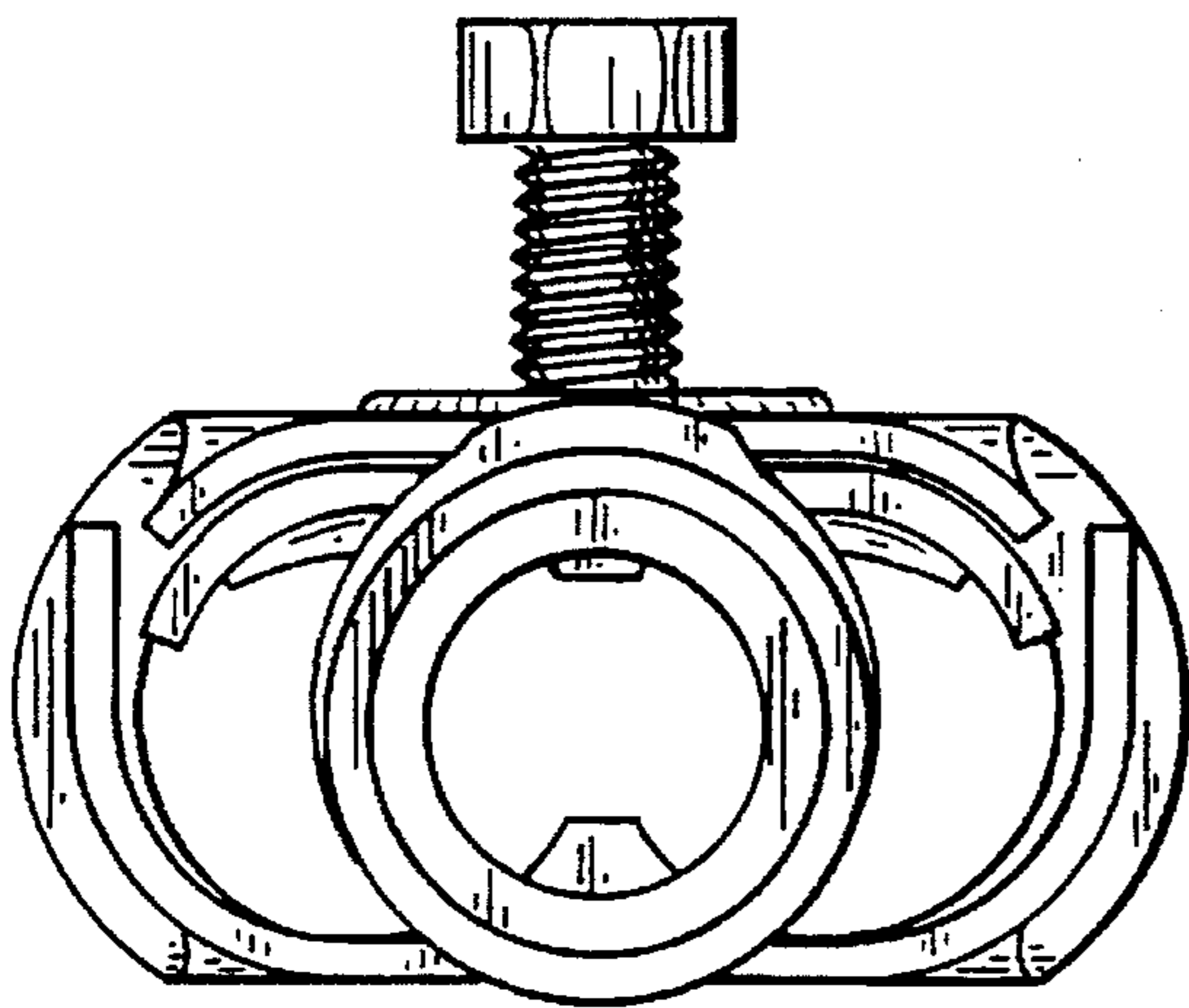


FIG. 54

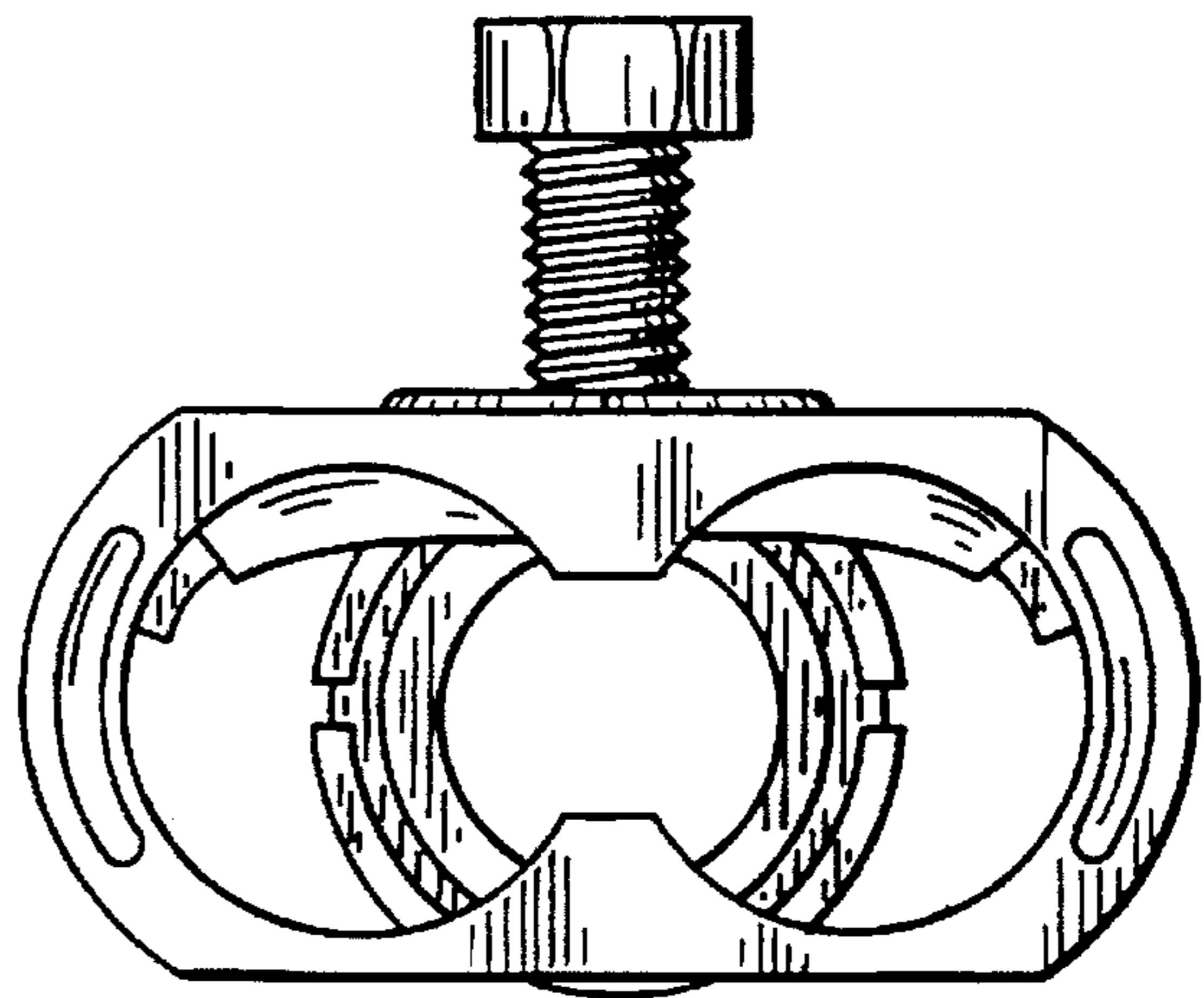


FIG. 55

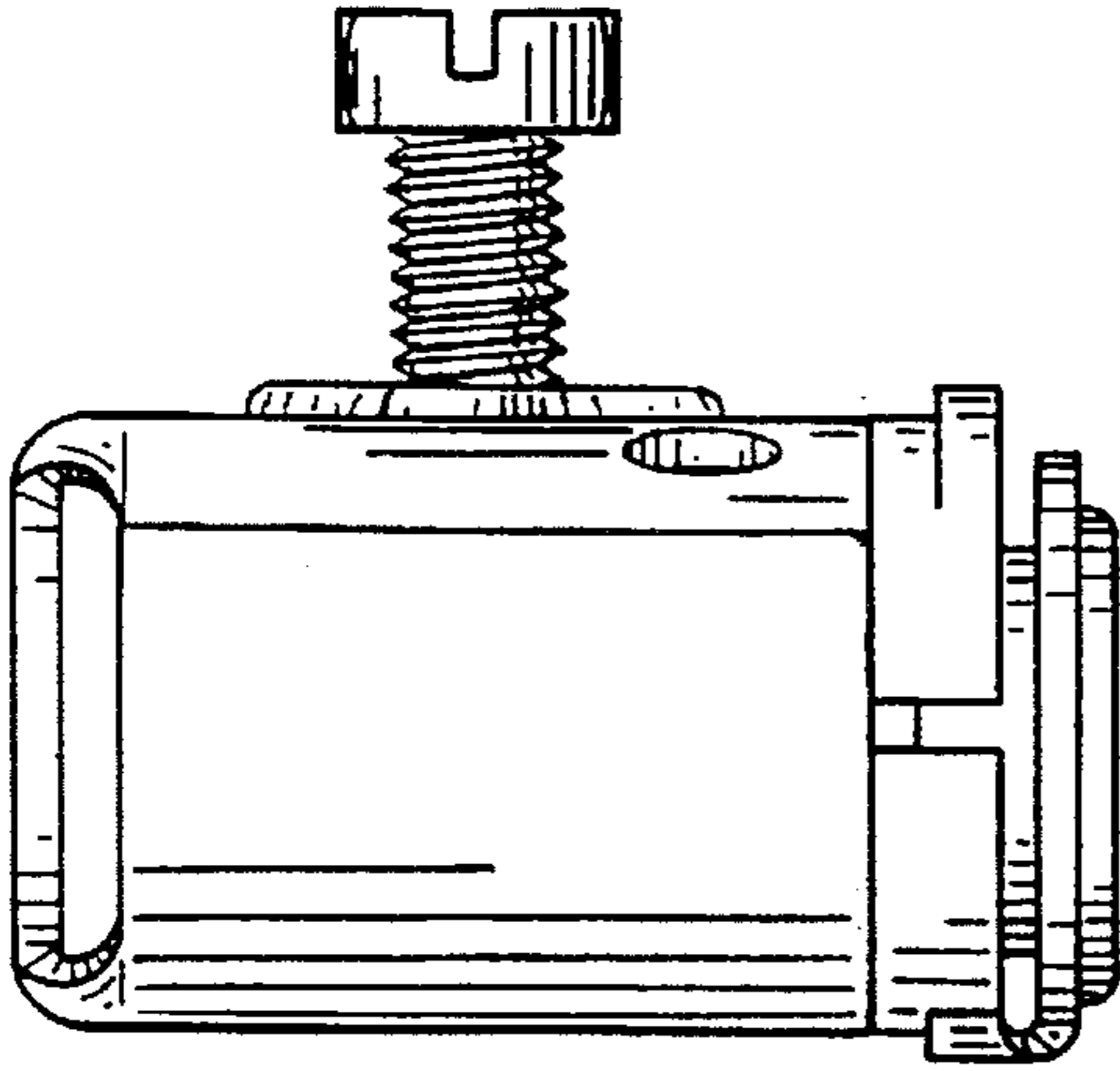


FIG. 56

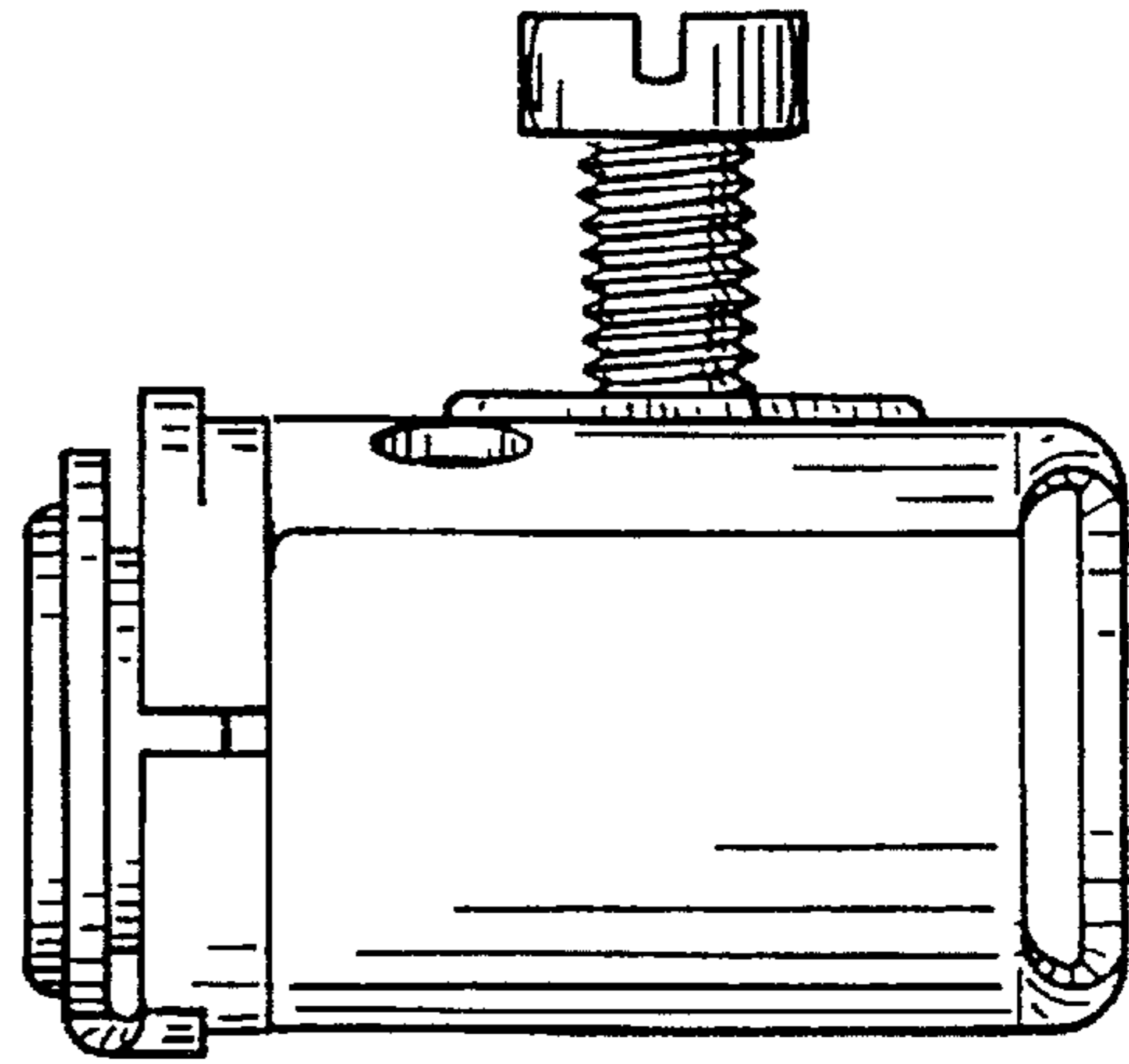


FIG. 57

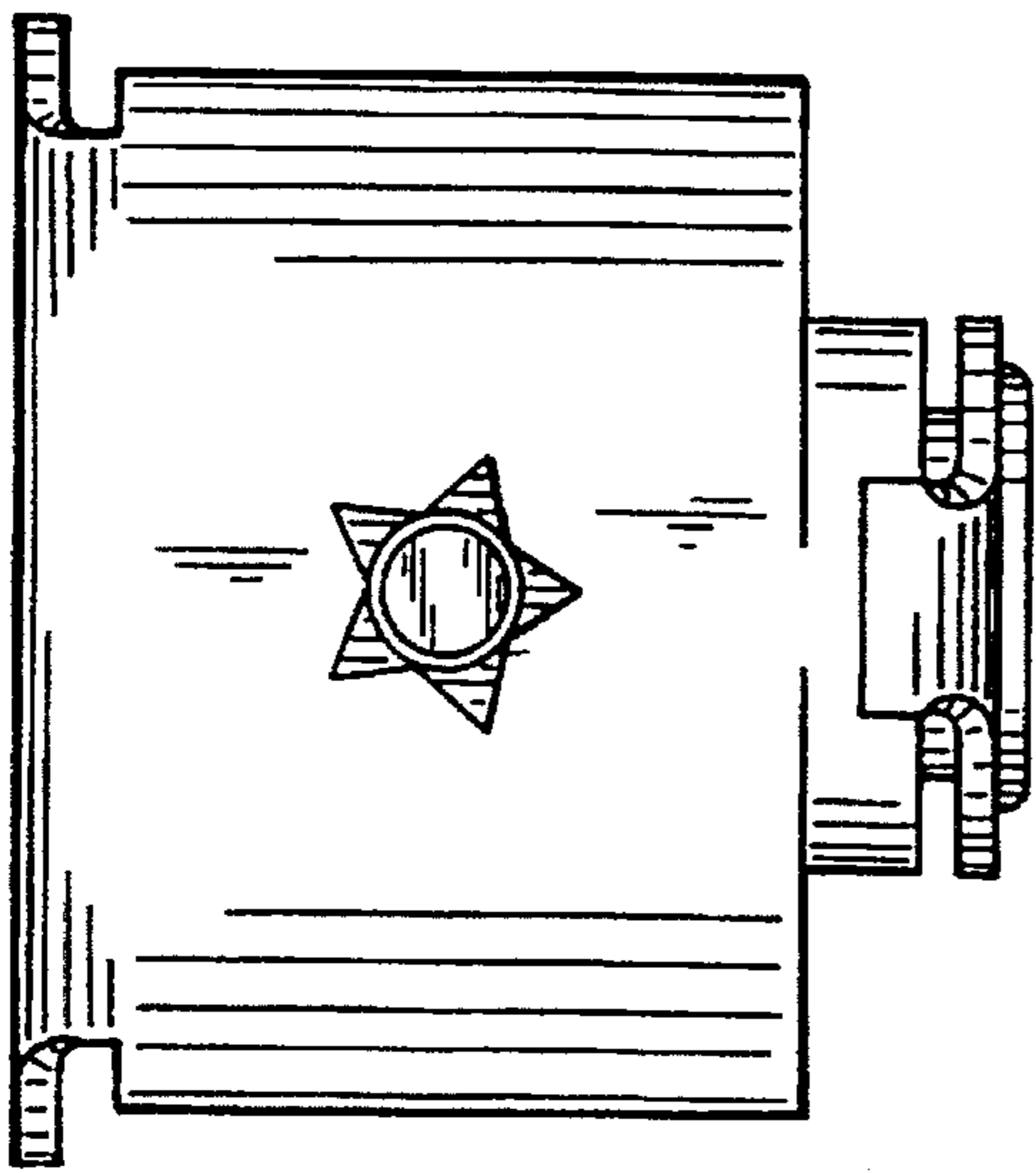


FIG. 58

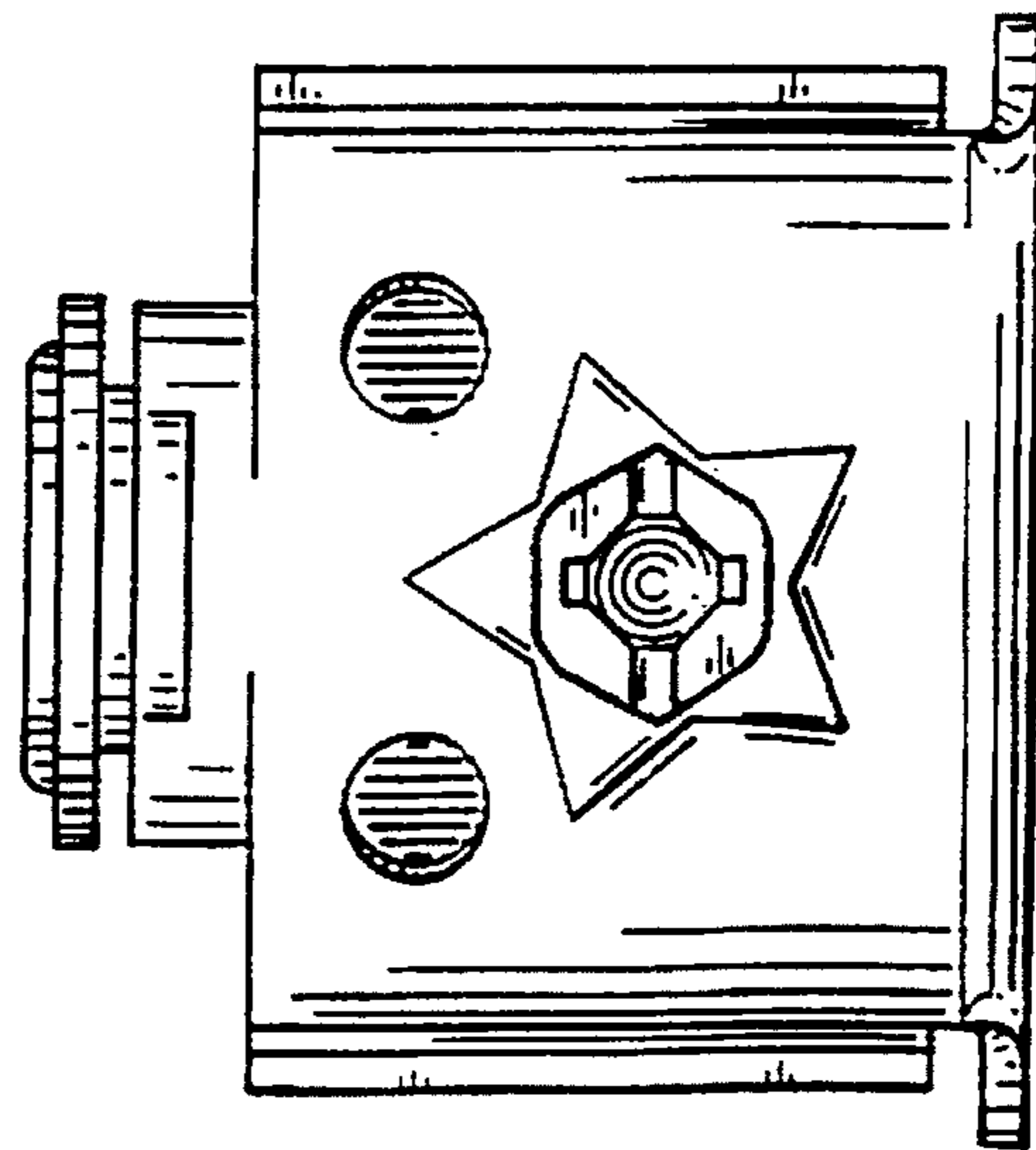


FIG. 59

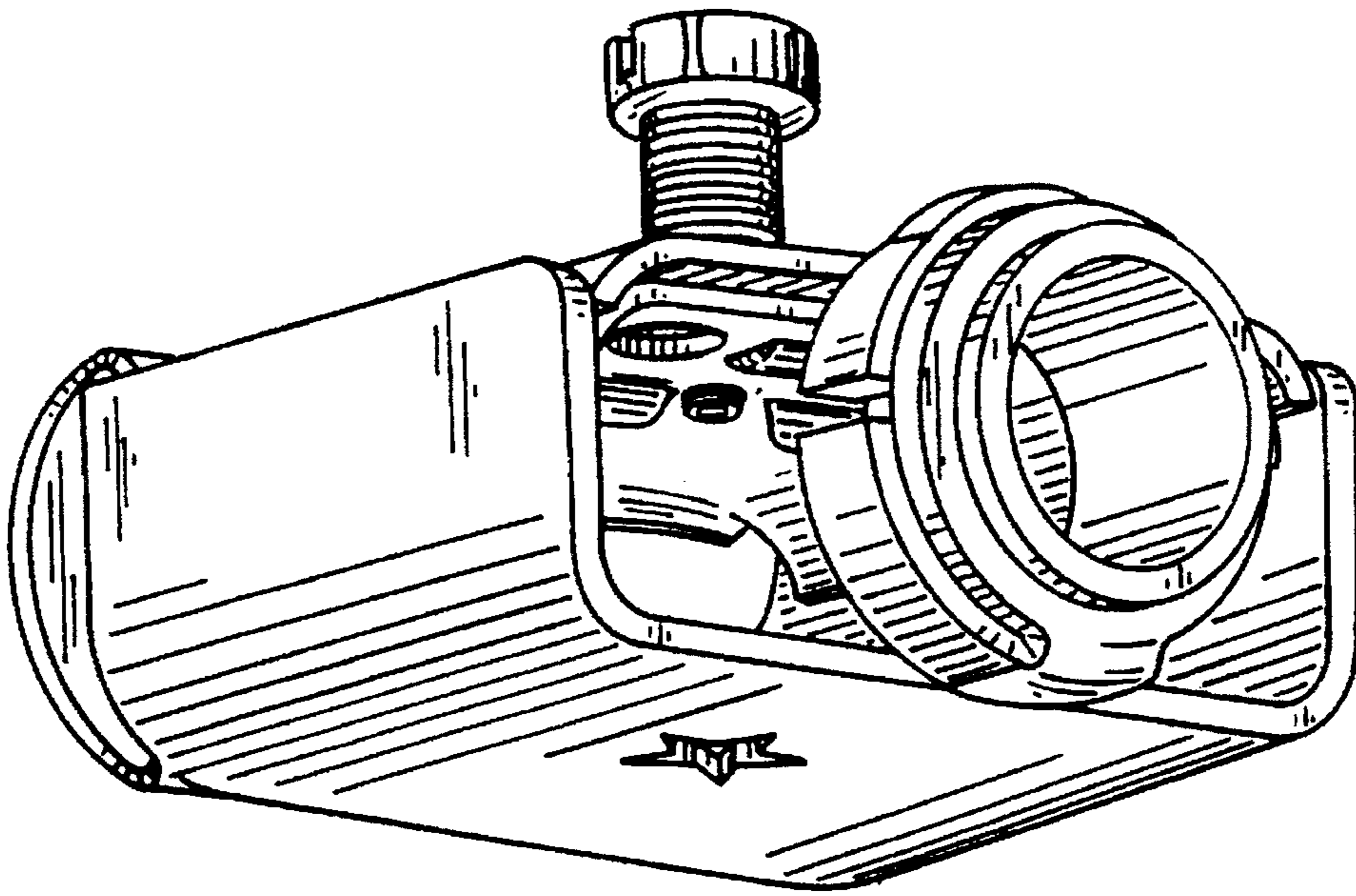


FIG. 60

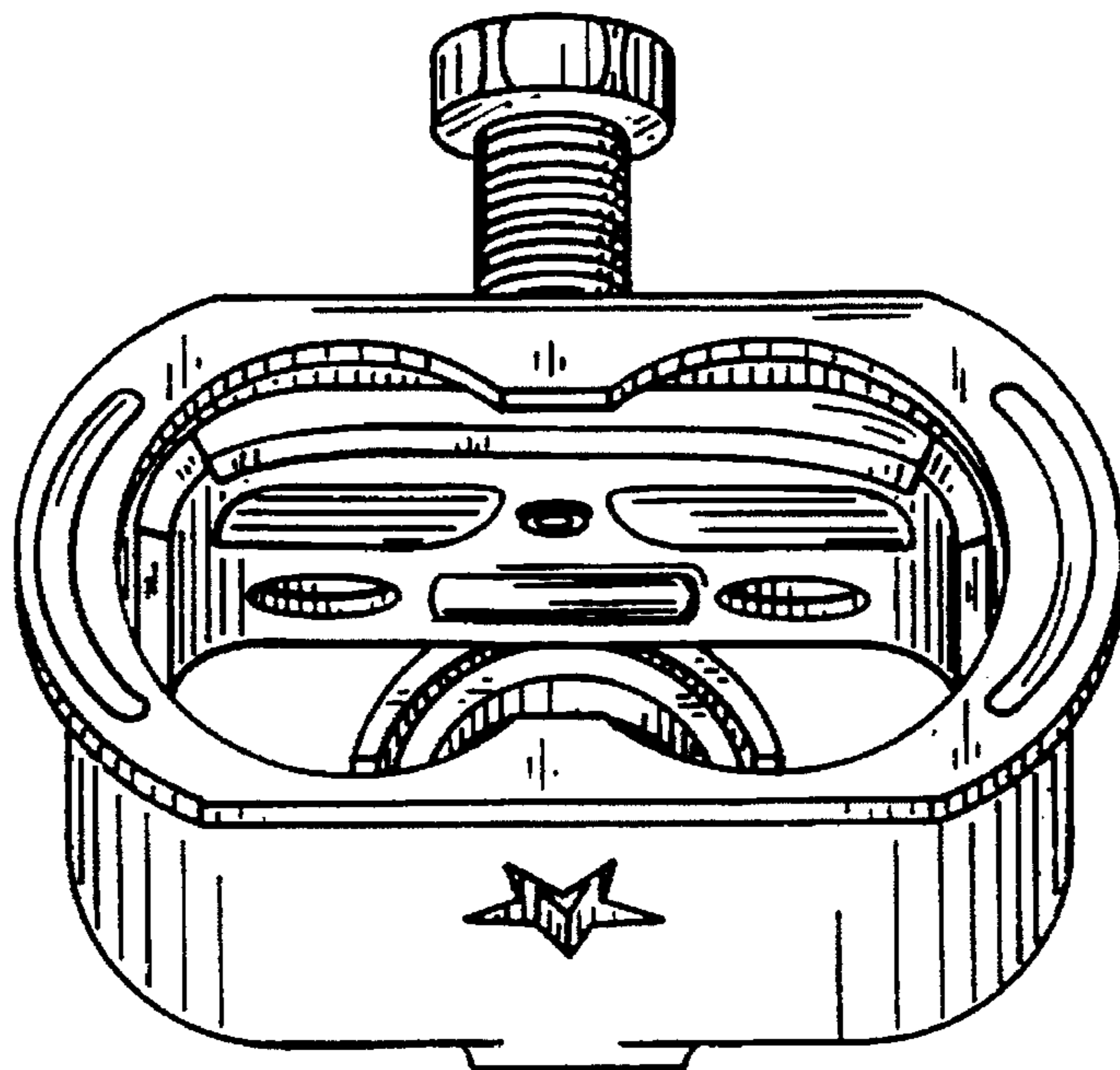


FIG. 61