

US00D525584S

(12) **United States Design Patent**
Tsergas

(10) **Patent No.:** **US D525,584 S**

(45) **Date of Patent:** **** Jul. 25, 2006**

(54) **THREE-LEAD REVERSING MOTOR**

(75) Inventor: **Athanase N. Tsergas**, Wood Dale, IL (US)

(73) Assignee: **Molon Motor & Coil Corporation**, Rolling Meadows, IL (US)

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

(21) Appl. No.: **29/192,751**

(22) Filed: **Oct. 30, 2003**

Related U.S. Application Data

(63) Continuation-in-part of application No. 29/172,364, filed on Dec. 11, 2002, now Pat. No. Des. 490,373.

(51) **LOC (8) Cl.** **13-01**

(52) **U.S. Cl.** **D13/122**

(58) **Field of Classification Search** D13/122,
D13/118; D15/148, 149; 74/421 A, 606 R;
310/83, 89, 99

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D239,119 S	3/1976	Dorsey	
D288,934 S	* 3/1987	Brown	D15/148
D292,473 S	10/1987	Fisher	
D298,434 S	11/1988	Makihara	
D364,384 S	* 11/1995	Shimizu et al.	D13/182
D412,918 S	* 8/1999	Nagai et al.	D15/199
6,118,197 A	* 9/2000	Bohlen	310/89
D440,995 S	* 4/2001	Tsergas et al.	D15/148
6,276,160 B1	8/2001	Terada et al.	
D461,164 S	* 8/2002	Tsergas	D13/122
D462,937 S	9/2002	Nord	
D467,258 S	* 12/2002	Tsergas	D15/148
D472,211 S	* 3/2003	Tsergas	D13/122
D475,012 S	* 5/2003	Ando et al.	D13/118
D475,967 S	* 6/2003	Tsergas	D13/122
D485,236 S	* 1/2004	Tsergas	D13/122
D490,373 S	* 5/2004	Tsergas	D13/112

* cited by examiner

Primary Examiner—Stella Reid

Assistant Examiner—Daniel Bui

(74) *Attorney, Agent, or Firm*—Oblon, Spivak, McClelland, Maier & Neustadt, P.C.

(57) **CLAIM**

The ornamental design for a three-lead reversing motor, as shown and described.

DESCRIPTION

FIG. 1 is a bottom plan view of a three-lead reversing motor, showing a first embodiment of my new design.

FIG. 2 is a top plan view thereof.

FIG. 3 is a left side elevational view thereof.

FIG. 4 is a right side elevational view thereof.

FIG. 5 is a front end view thereof.

FIG. 6 is a rear end view thereof.

FIG. 7 is a top, left, front perspective view thereof.

FIG. 8 is a bottom plan view showing a second embodiment.

FIG. 9 is a top plan view thereof.

FIG. 10 is a left side elevational view thereof.

FIG. 11 is a right side elevational view thereof.

FIG. 12 is a front end view thereof.

FIG. 13 is a rear end view thereof.

FIG. 14 is a top, left, front perspective view thereof.

FIG. 15 is a bottom plan view showing a third embodiment.

FIG. 16 is a top plan view thereof.

FIG. 17 is a left side elevational view thereof.

FIG. 18 is a right side elevational view thereof.

FIG. 19 is a front end view thereof.

FIG. 20 is a rear end view thereof.

FIG. 21 is a top, left, front perspective view thereof.

FIG. 22 is a bottom plan view showing a fourth embodiment.

FIG. 23 is a top plan view thereof.

FIG. 24 is a left side elevational view thereof.

FIG. 25 is a right side elevational view thereof.

FIG. 26 is a front end view thereof.

FIG. 27 is a rear end view thereof.

FIG. 28 is a top, left, front perspective view thereof.

FIG. 29 is a bottom plan view showing a fifth embodiment.

FIG. 30 is a top plan view thereof.

FIG. 31 is a left side elevational view thereof.

FIG. 32 is a right side elevational view thereof.

FIG. 33 is a front end view thereof.

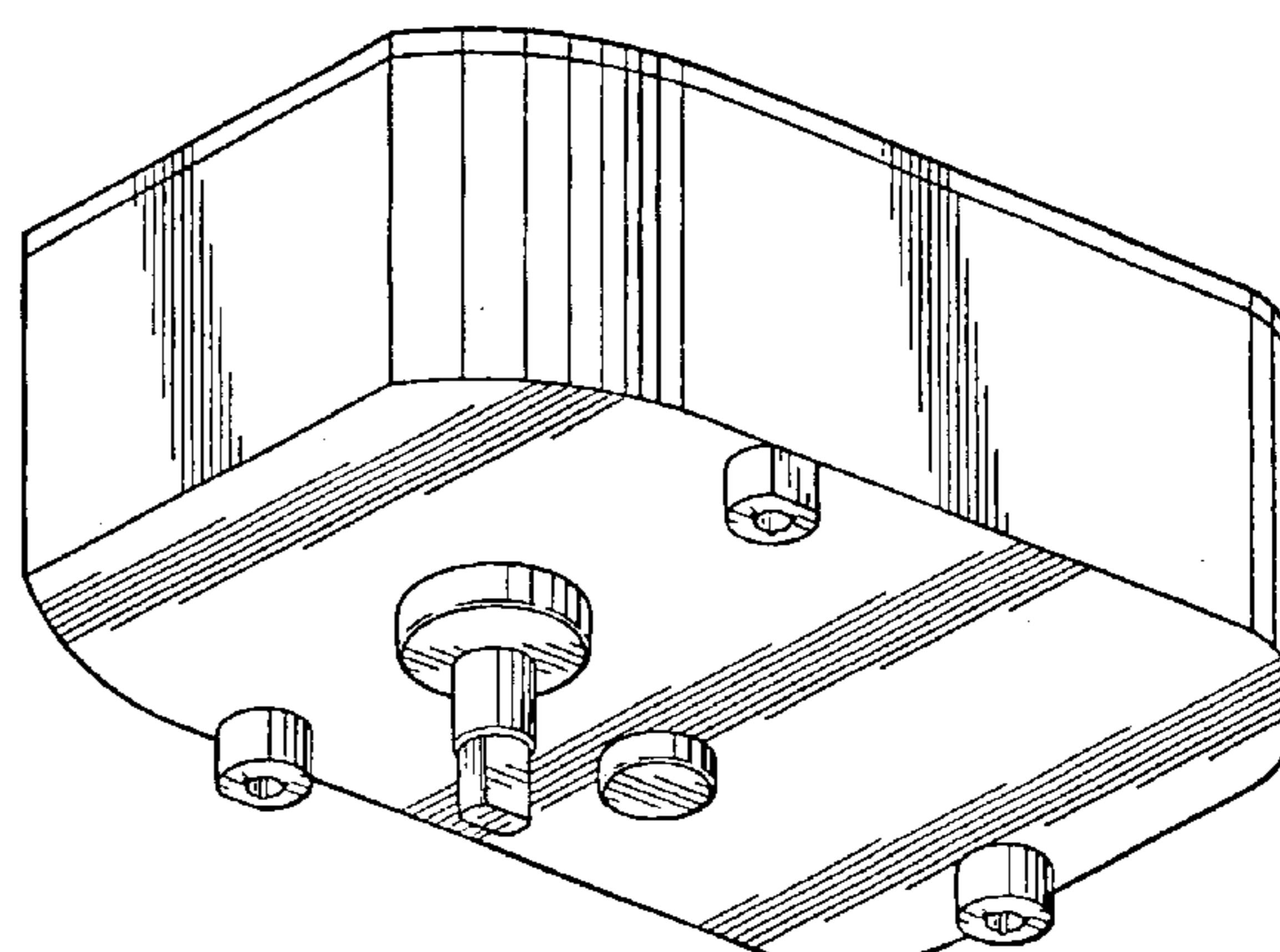
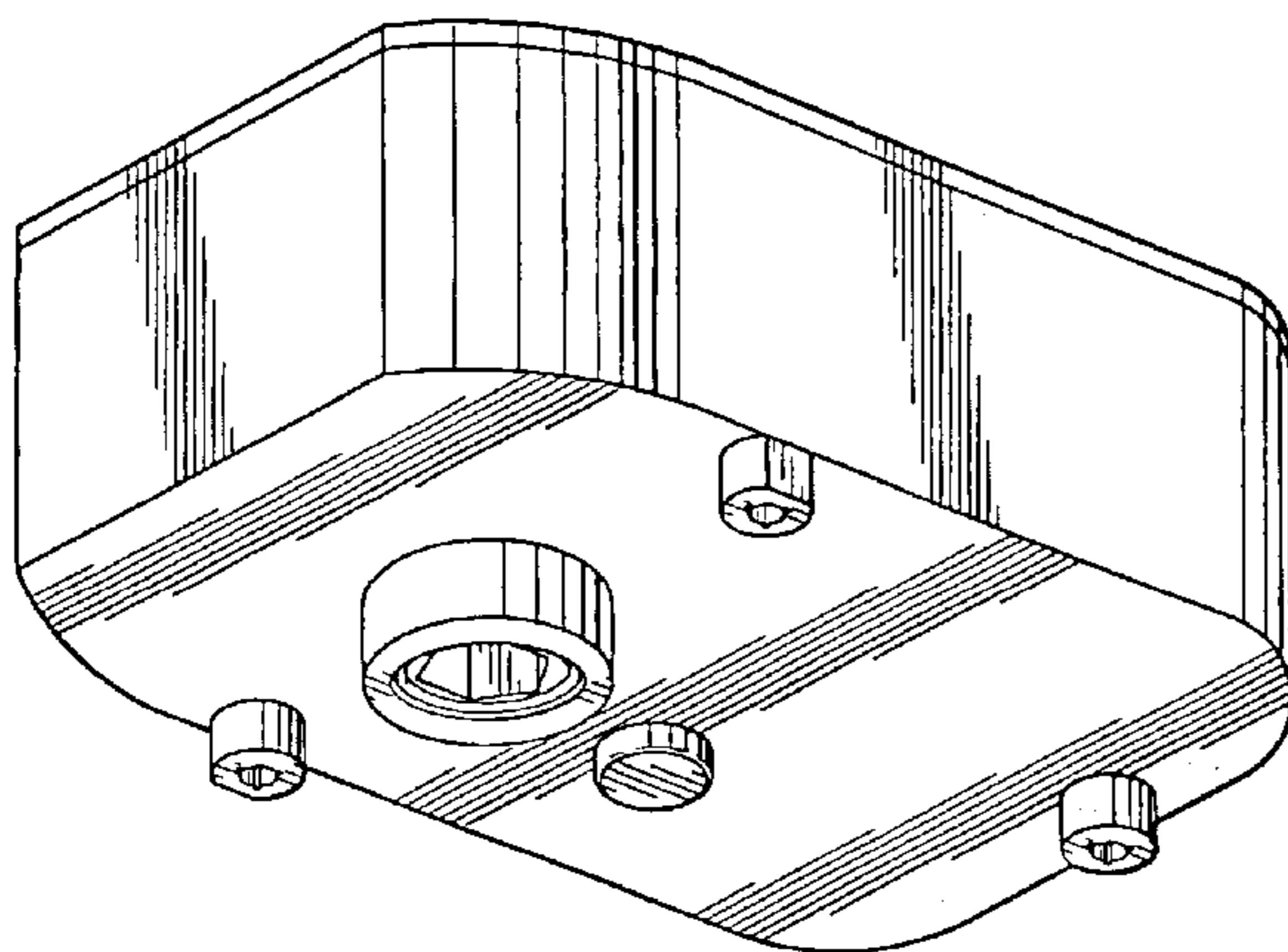


FIG. 34 is a rear end view thereof.
FIG. 35 is a top, left, front perspective view thereof.
FIG. 36 is a bottom plan view showing a sixth embodiment.
FIG. 37 is a top plan view thereof.
FIG. 38 is a left side elevational view thereof.
FIG. 39 is a right side elevational view thereof.
FIG. 40 is a front end view thereof.
FIG. 41 is a rear end view thereof.
FIG. 42 is a top, left, front perspective view thereof.
FIG. 43 is a bottom plan view of a seventh embodiment.
FIG. 44 is a top plan view thereof.
FIG. 45 is a left side elevational view thereof.
FIG. 46 is a right side elevational view thereof.
FIG. 47 is a front end view thereof.
FIG. 48 is a rear end view thereof.
FIG. 49 is a top, left, front perspective view thereof.
FIG. 50 is a bottom plan view of an eighth embodiment.
FIG. 51 is a top plan view thereof.
FIG. 52 is a left side elevational view thereof.
FIG. 53 is a right side elevational view thereof.
FIG. 54 is a front end view thereof.
FIG. 55 is a rear end view thereof.
FIG. 56 is a top, left, front perspective view thereof.
FIG. 57 is a bottom plan view of a ninth embodiment.
FIG. 58 is a top plan view thereof.
FIG. 59 is a left side elevational view thereof.
FIG. 60 is a right side elevational view thereof.

FIG. 61 is a front end view thereof.
FIG. 62 is a rear end view thereof.
FIG. 63 is a top, left, front perspective view thereof.
FIG. 64 is a bottom plan view of a tenth embodiment.
FIG. 65 is top plan view thereof.
FIG. 66 is a left side elevational view thereof.
FIG. 67 is a right side elevational view thereof.
FIG. 68 is a front end view thereof.
FIG. 69 is a rear end view thereof.
FIG. 70 is a top, left, front perspective view thereof.
FIG. 71 is a bottom plan view of an eleventh embodiment.
FIG. 72 is a top plan view thereof.
FIG. 73 is a left side elevational view thereof.
FIG. 74 is a right side elevational view thereof.
FIG. 75 is a front end view thereof.
FIG. 76 is a rear end view thereof.
FIG. 77 is a top, left, front perspective view thereof.
FIG. 78 is a bottom plan view of a twelfth embodiment.
FIG. 79 is a top plan view thereof.
FIG. 80 is a left side elevational view thereof.
FIG. 81 is a right side elevational view thereof.
FIG. 82 is a front end view thereof.
FIG. 83 is a rear end view thereof; and,
FIG. 84 is a top, left, front perspective view thereof.

1 Claim, 48 Drawing Sheets

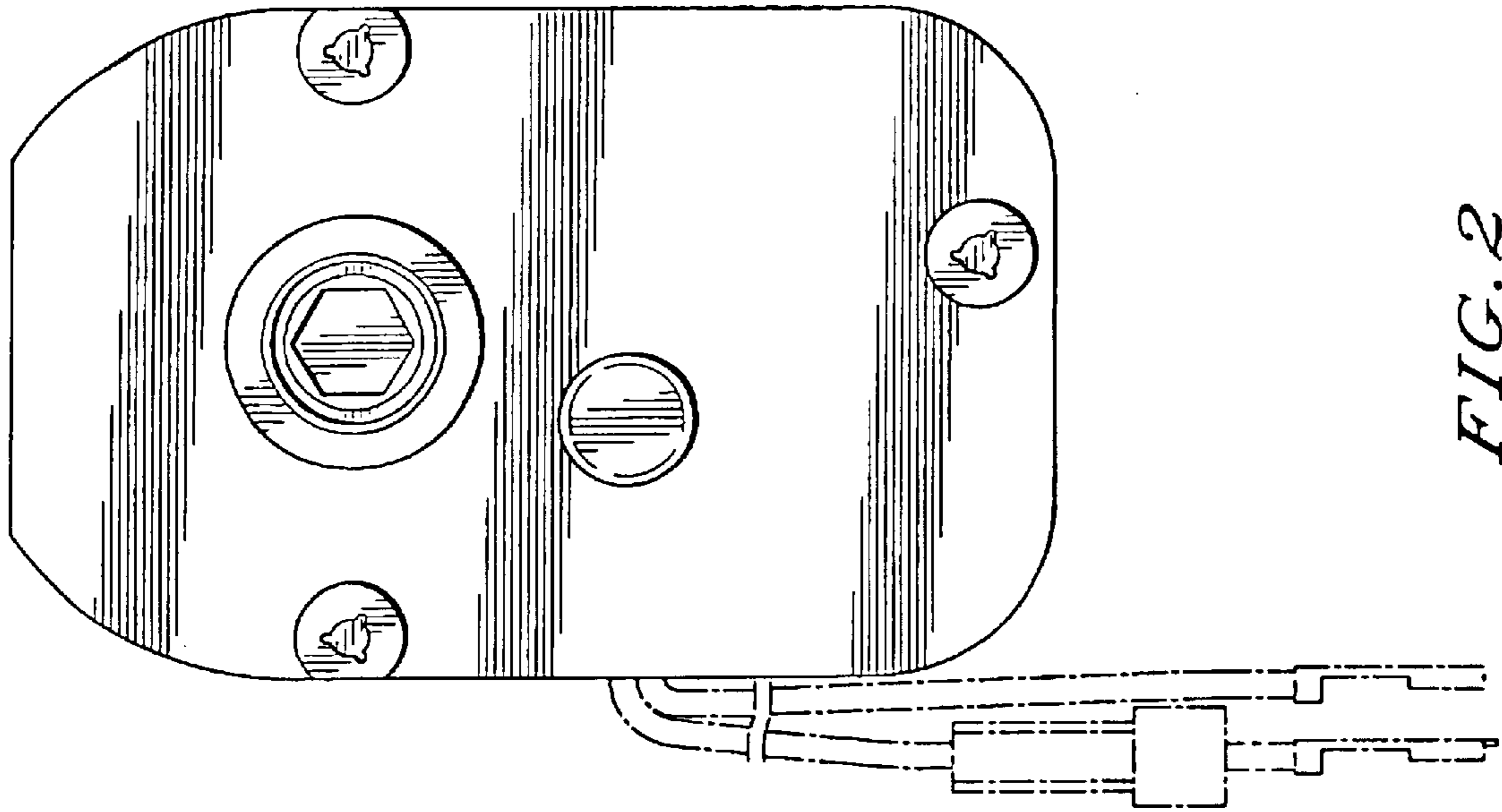


FIG. 2

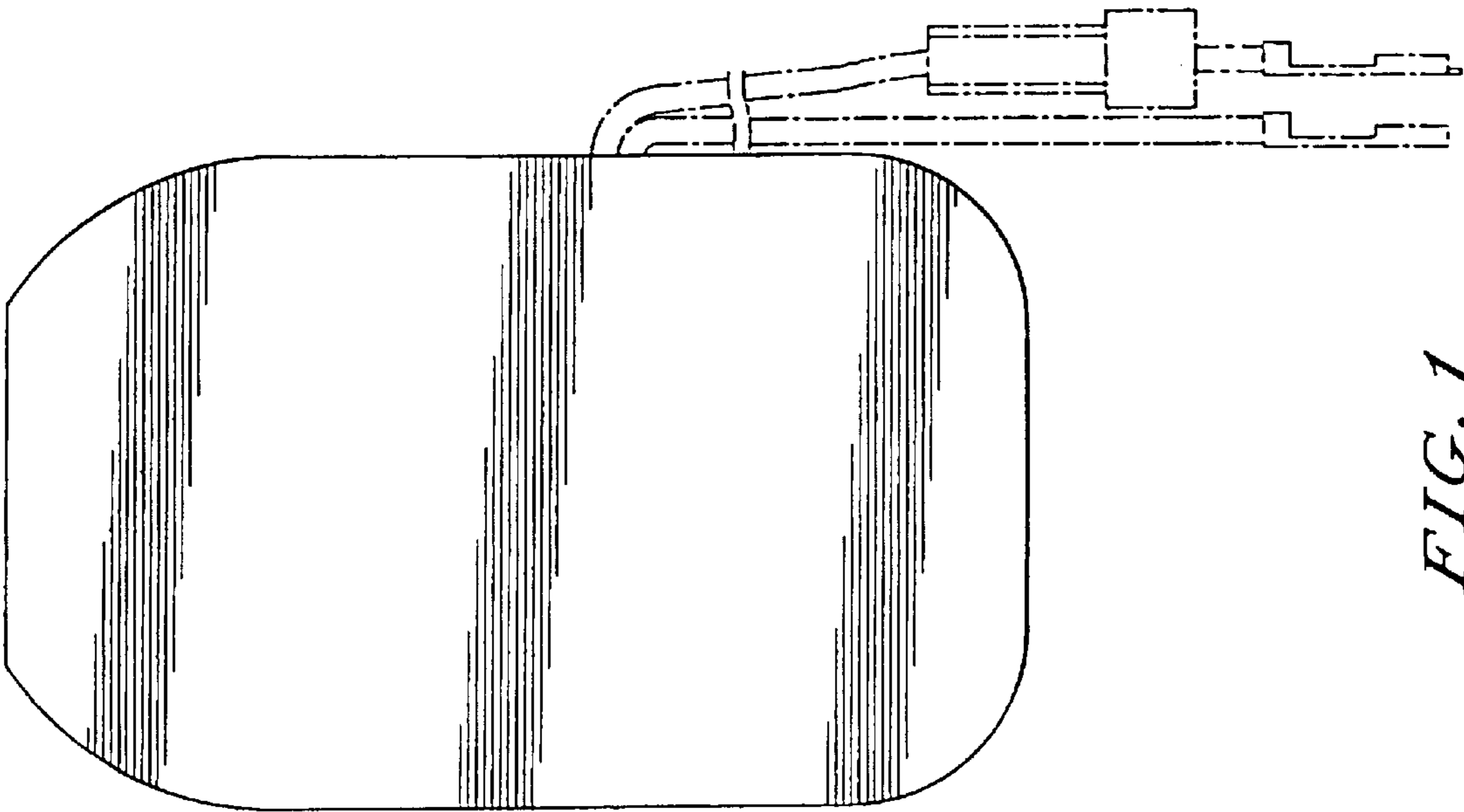


FIG. 1

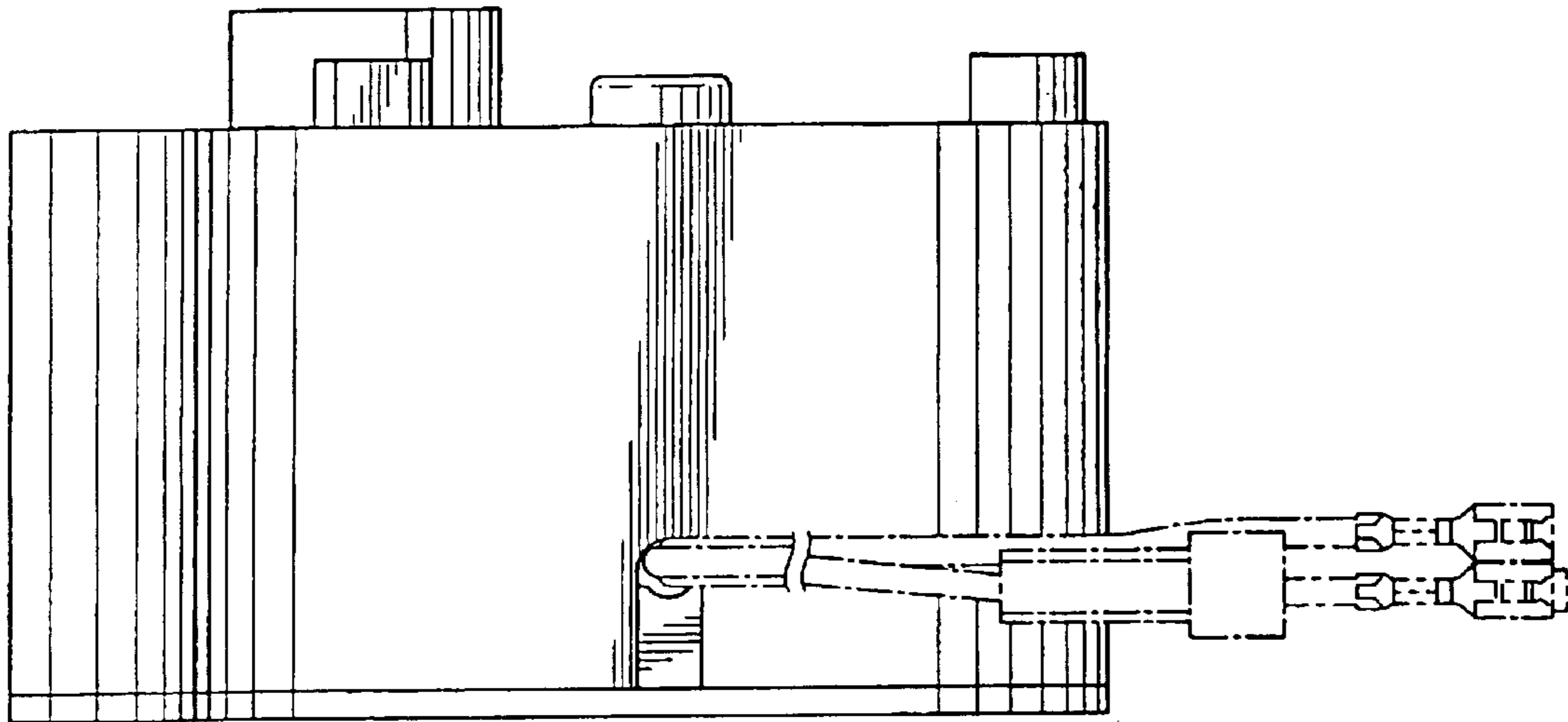


FIG. 4

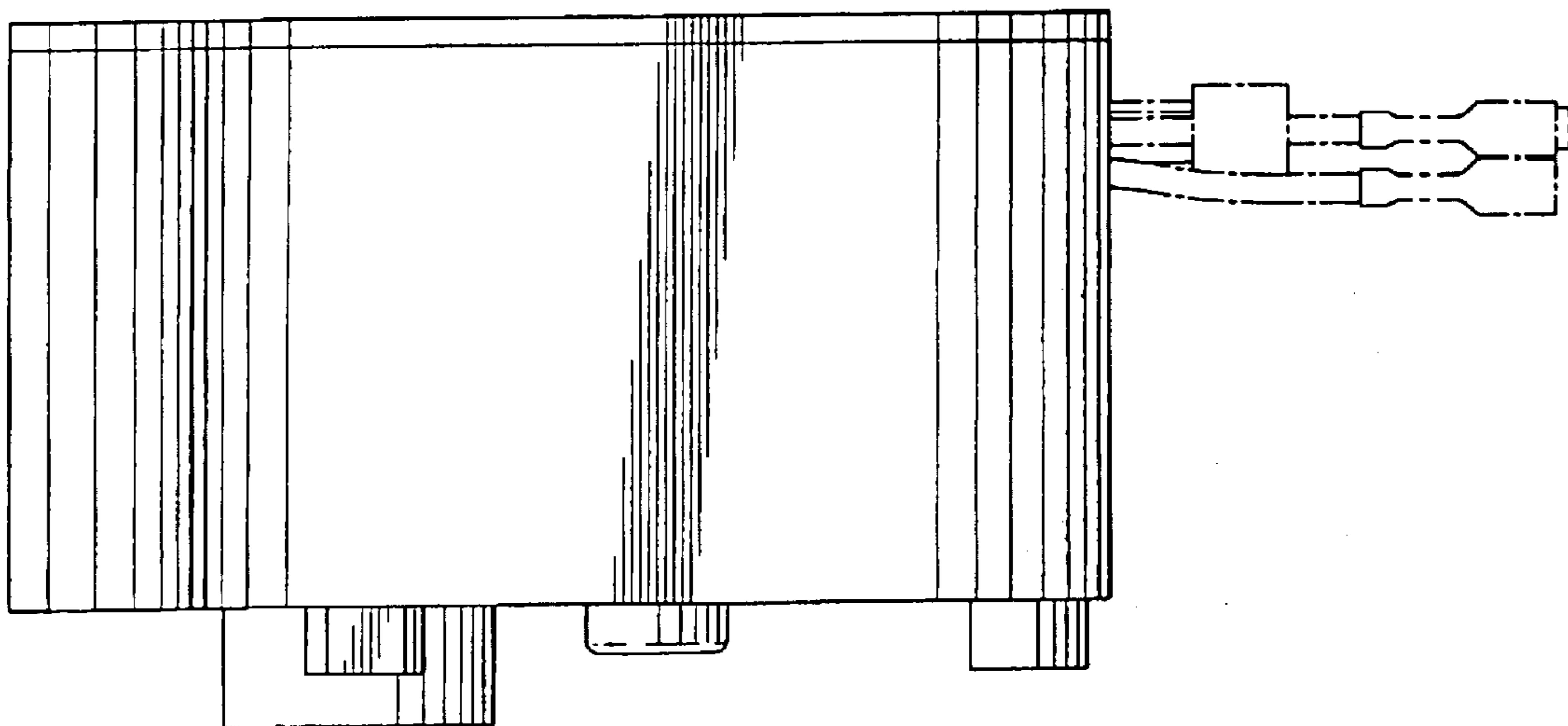


FIG. 3

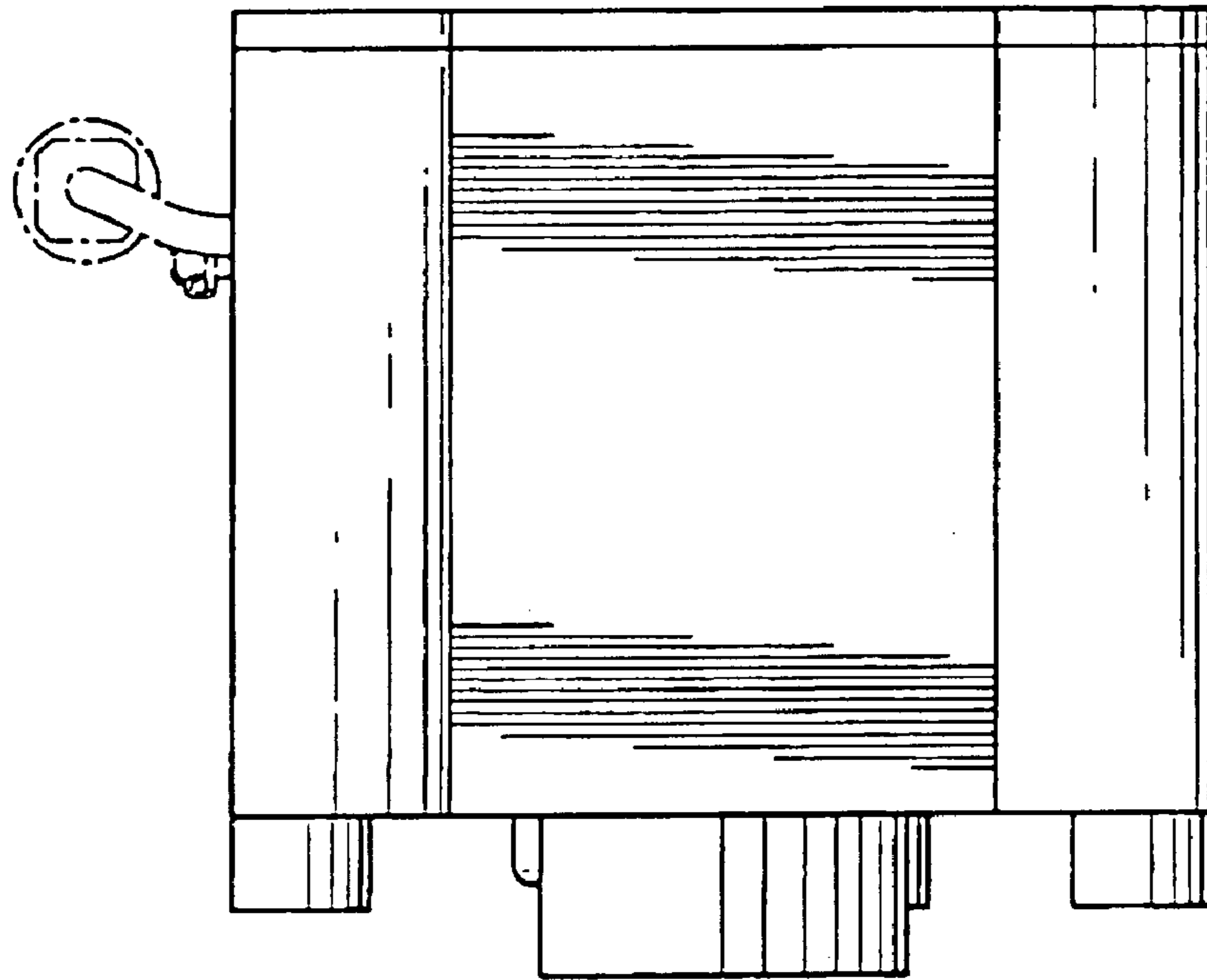


FIG. 5

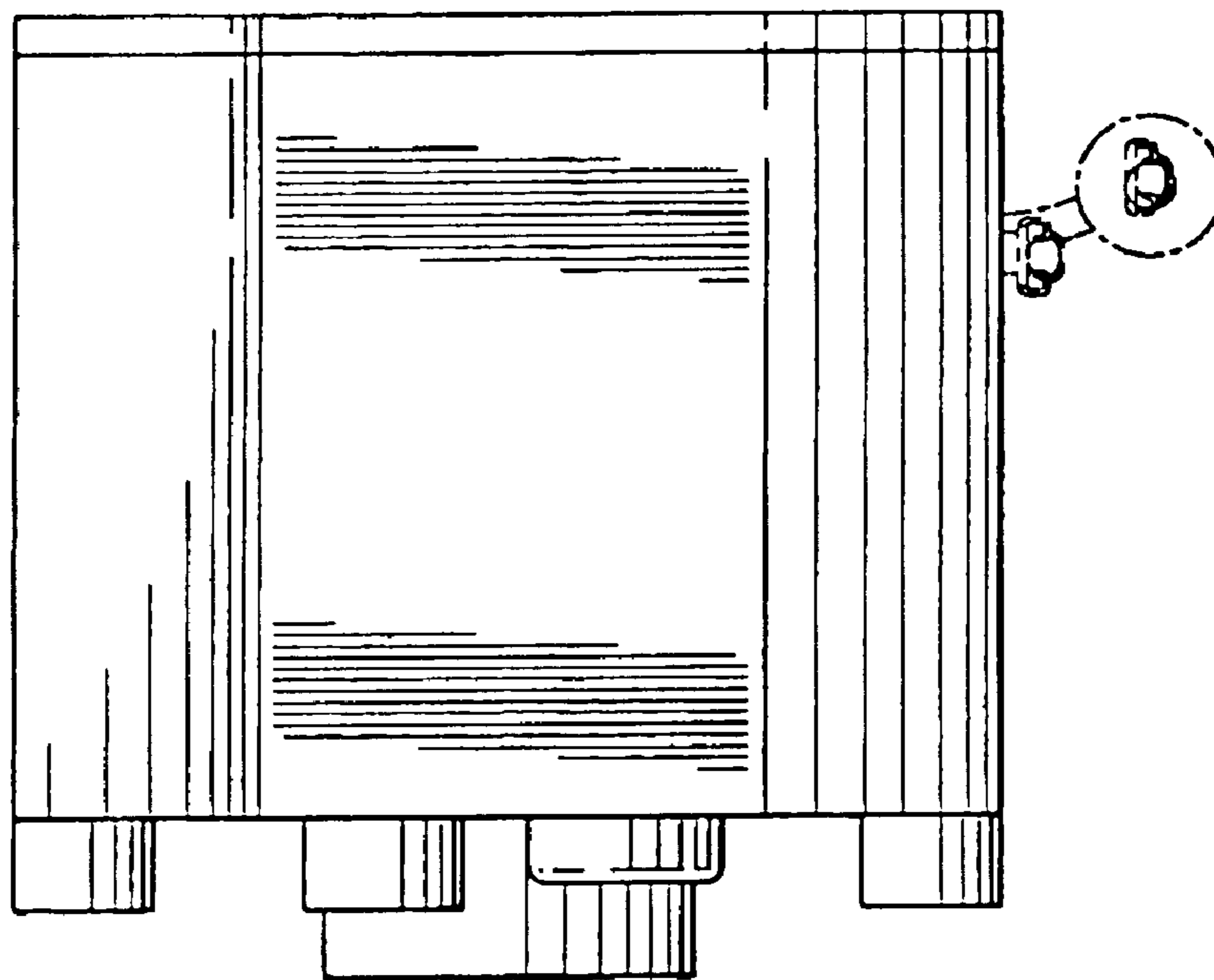


FIG. 6

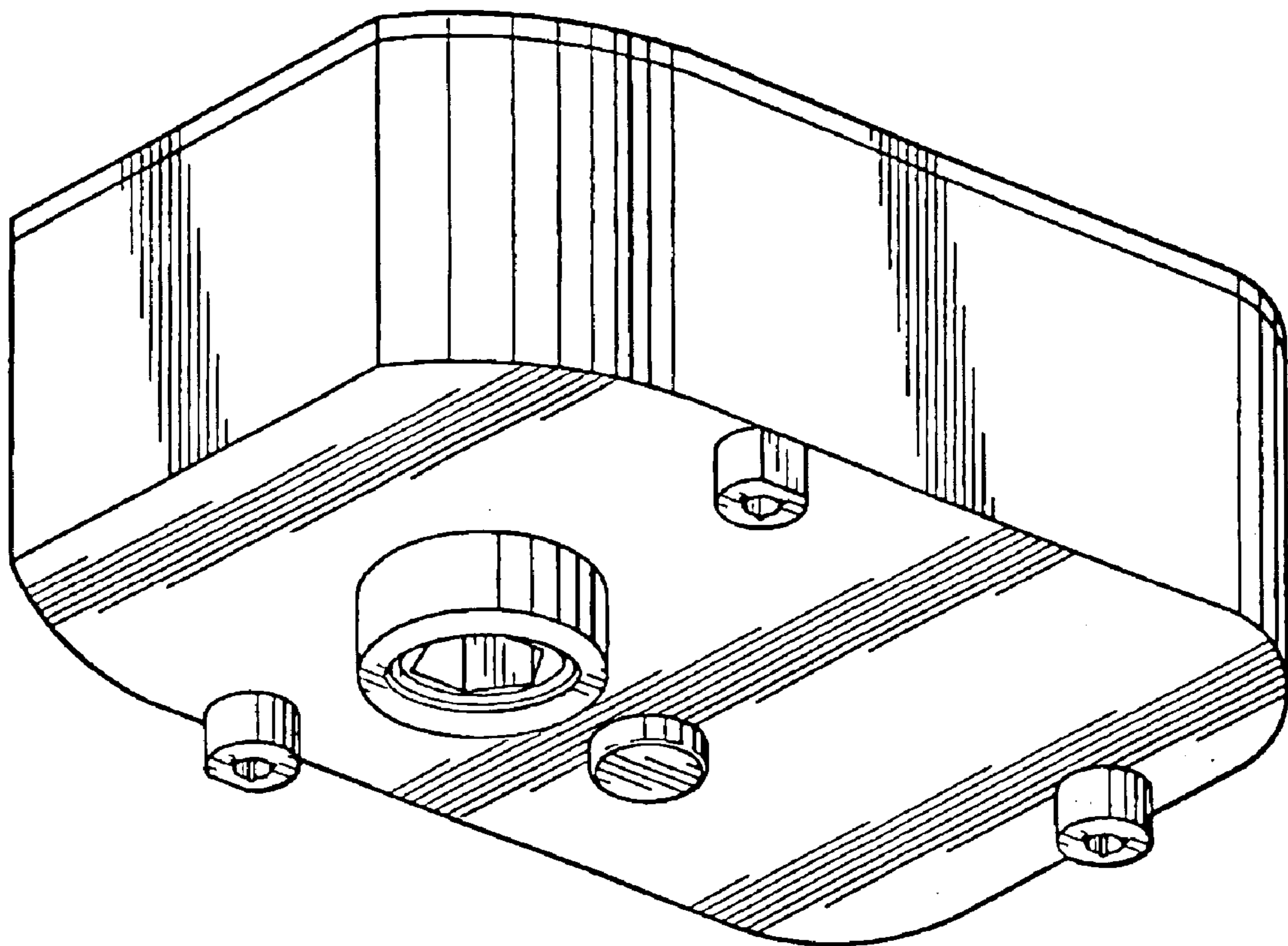


FIG. 7

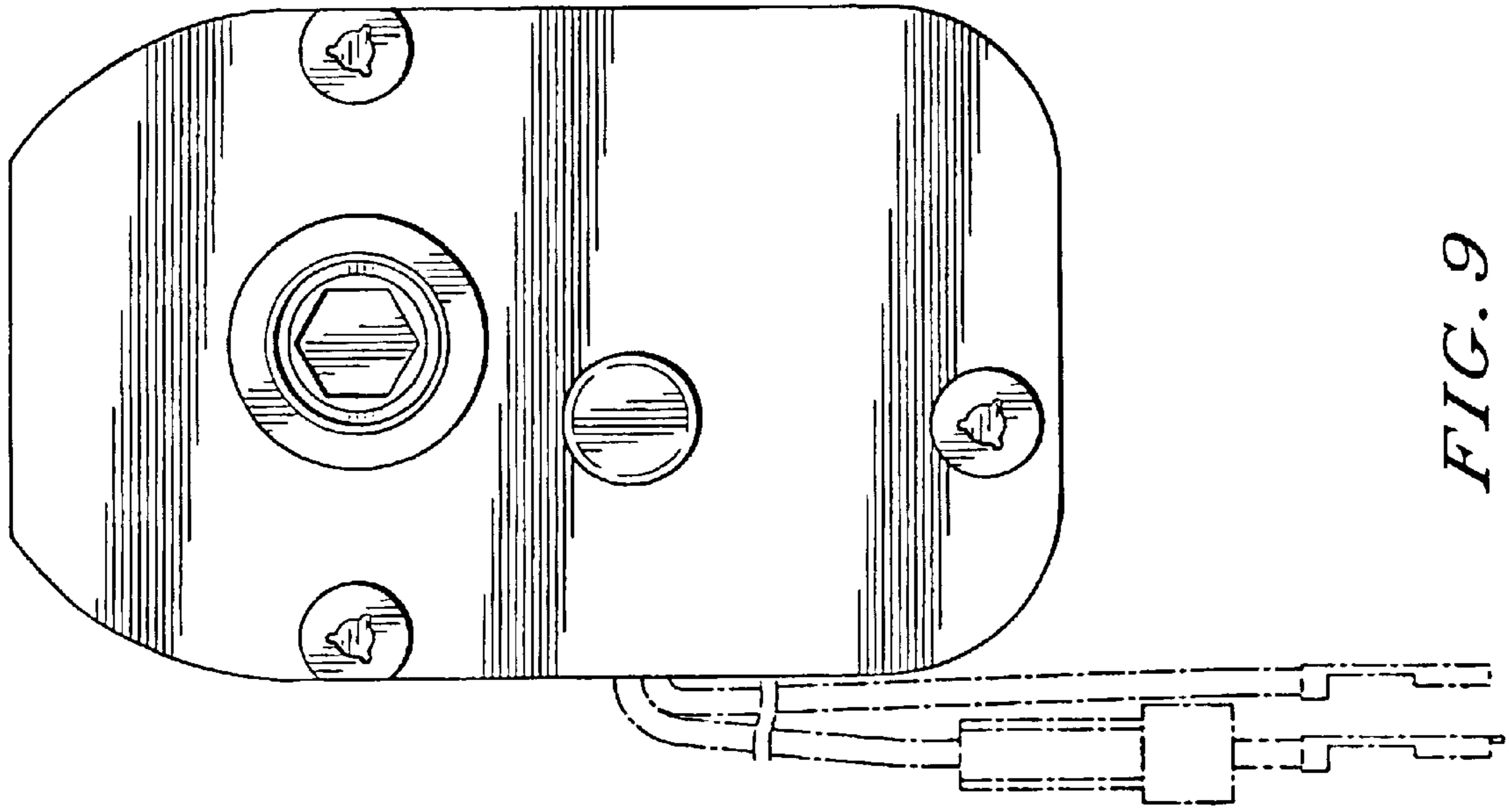


FIG. 9

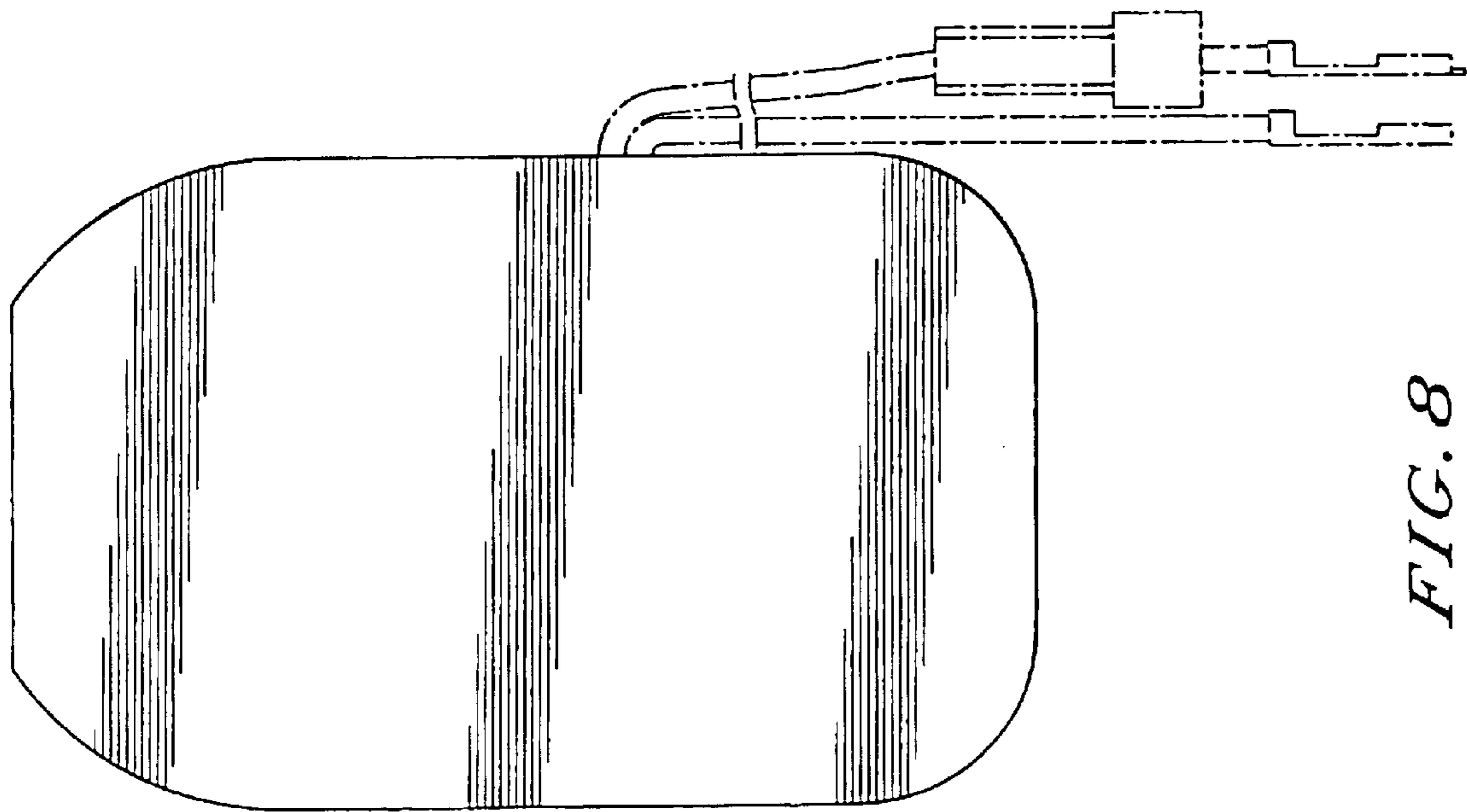


FIG. 8

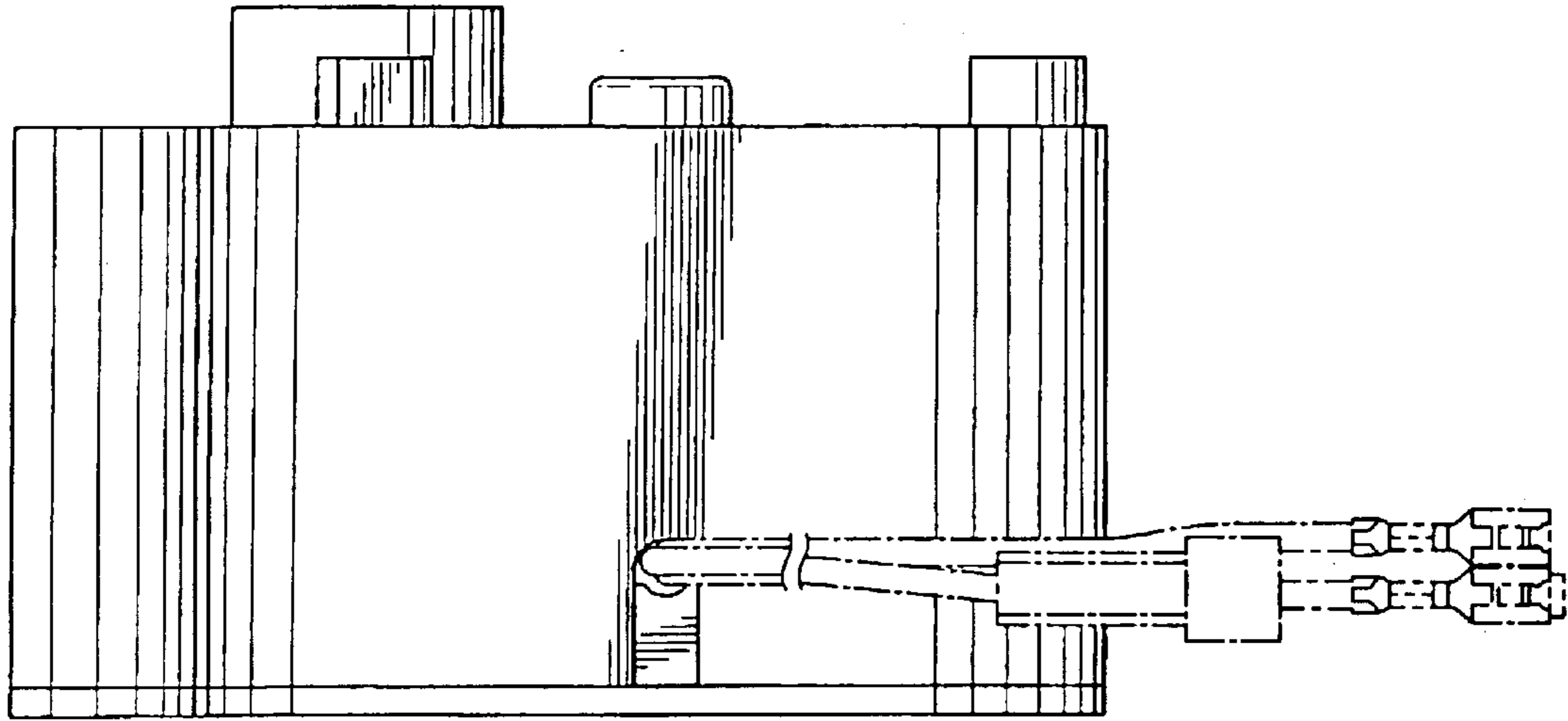


FIG. 11

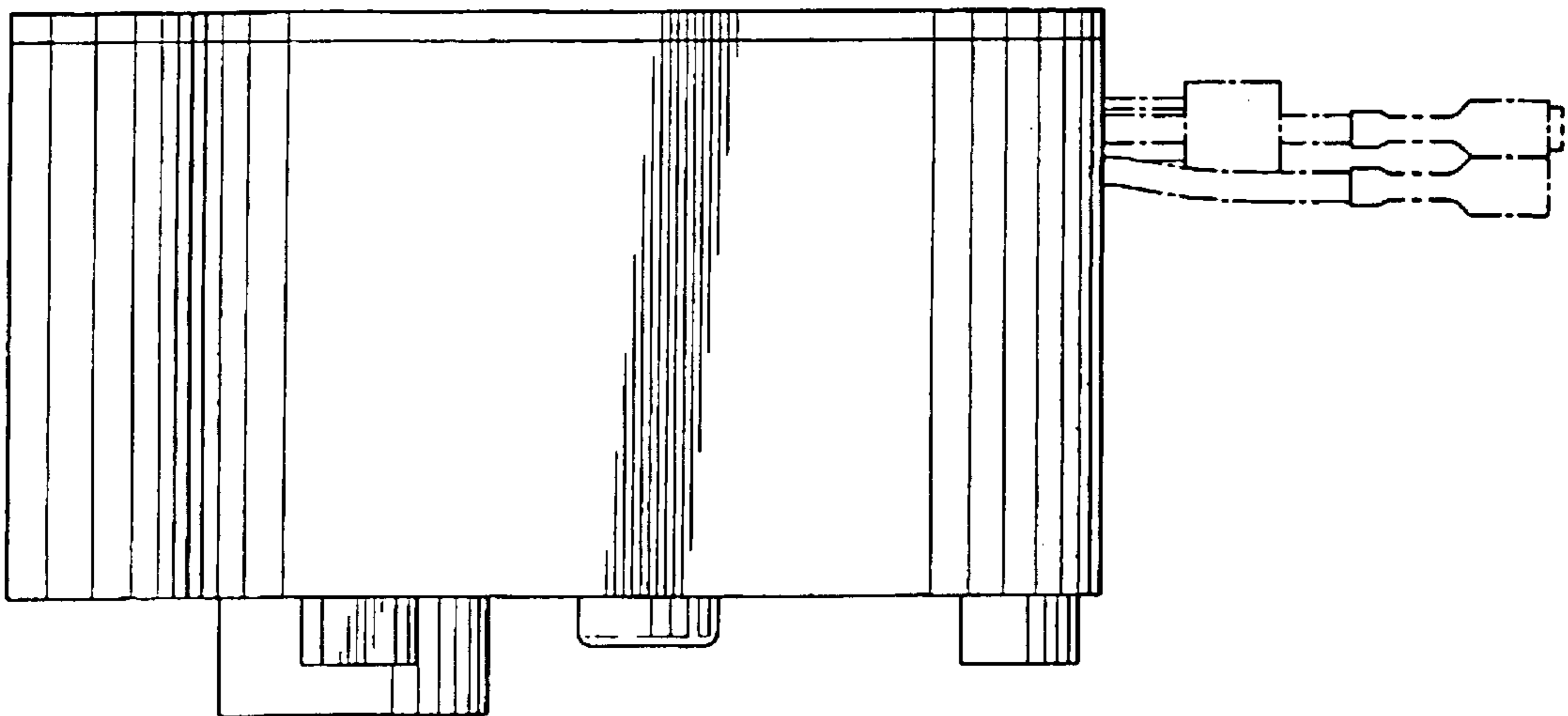


FIG. 10

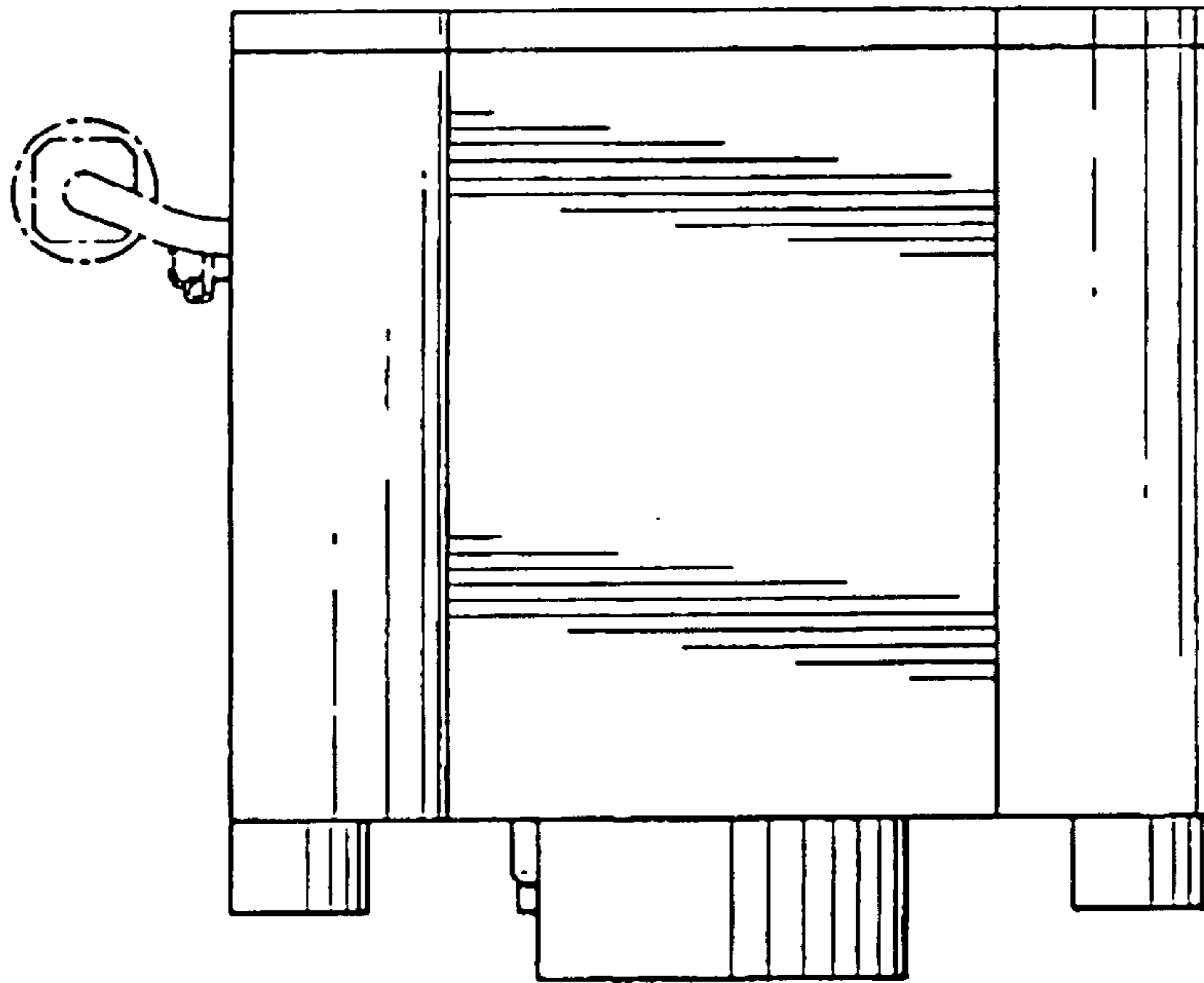


FIG. 12

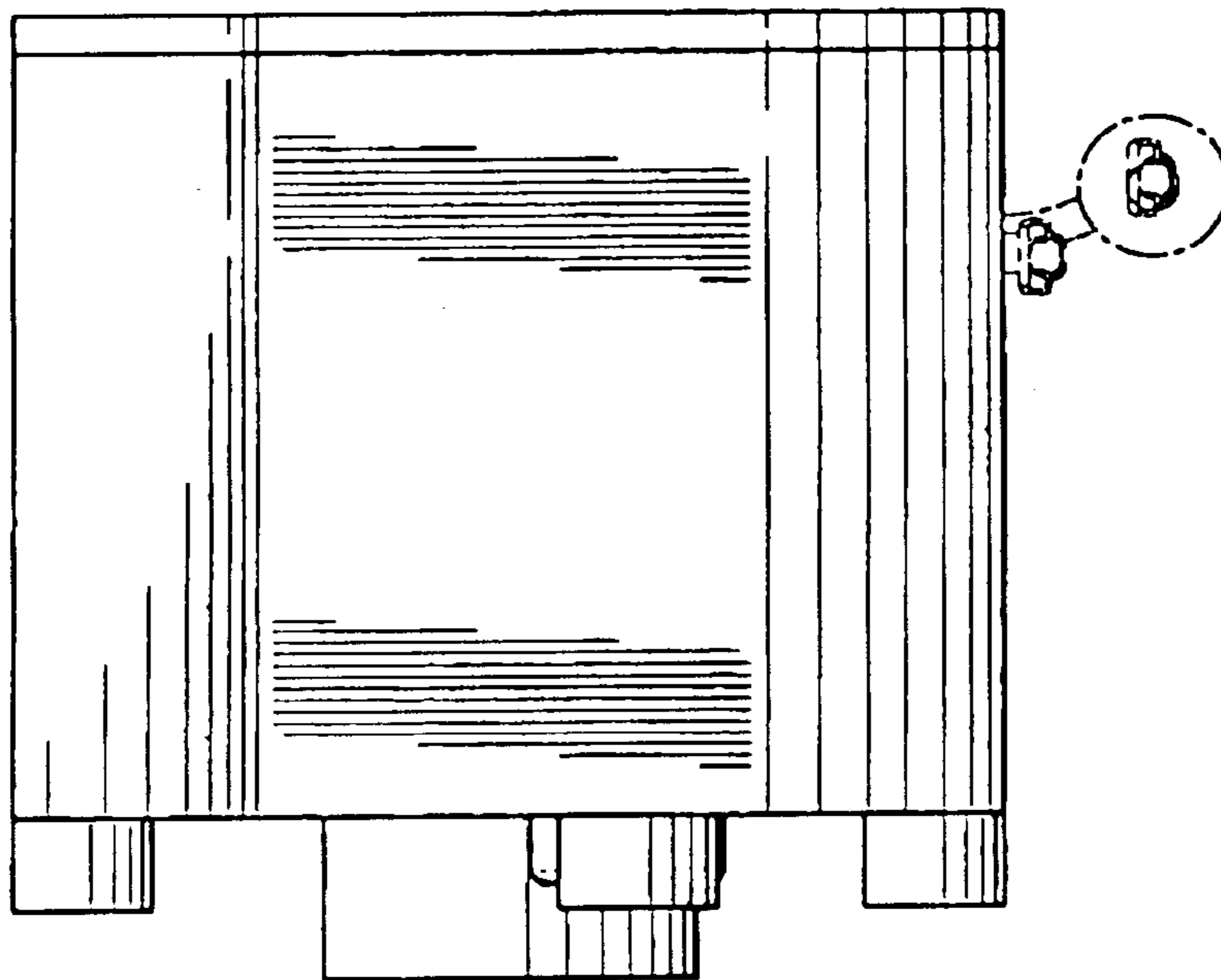


FIG. 13

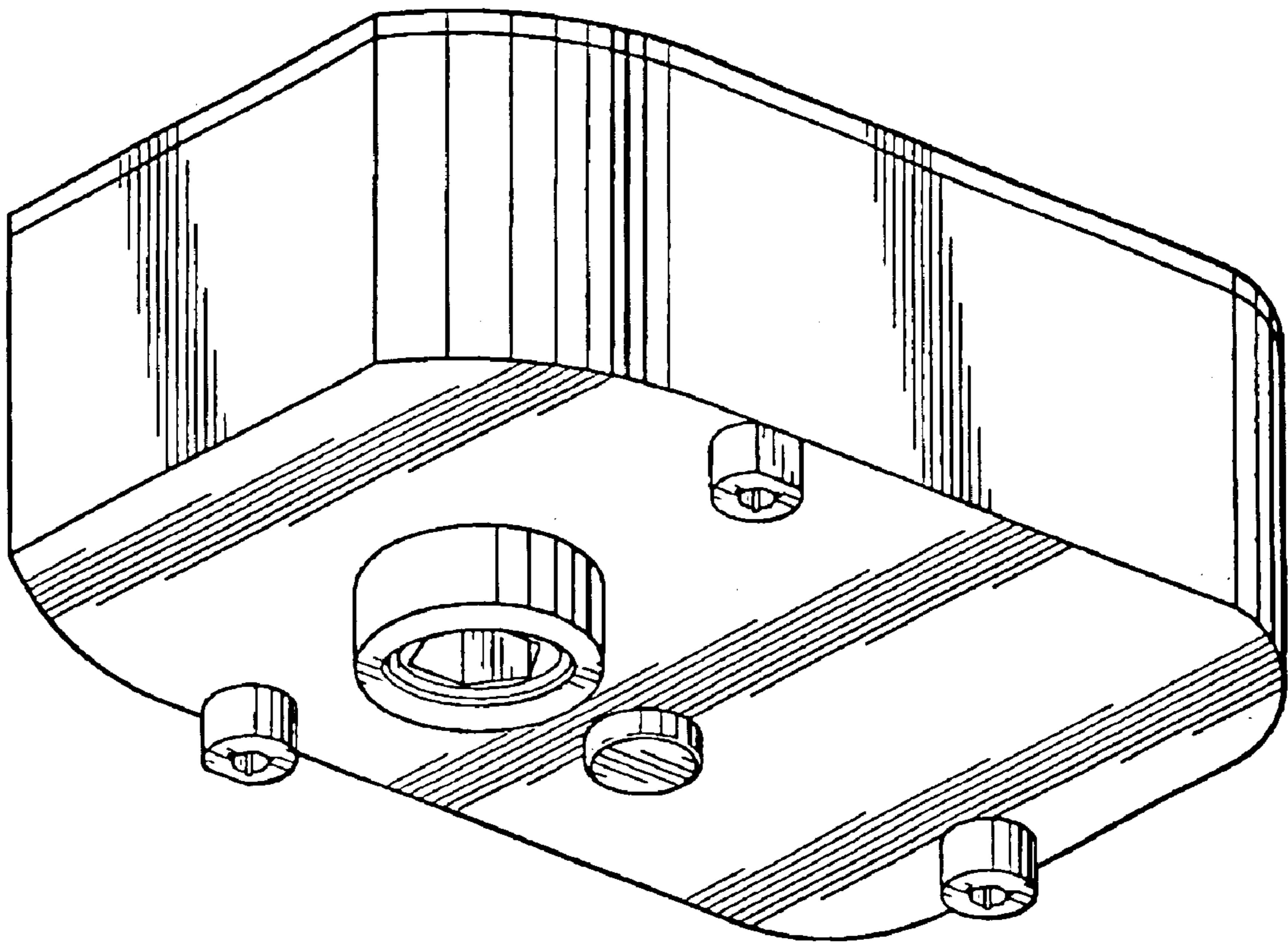


FIG. 14

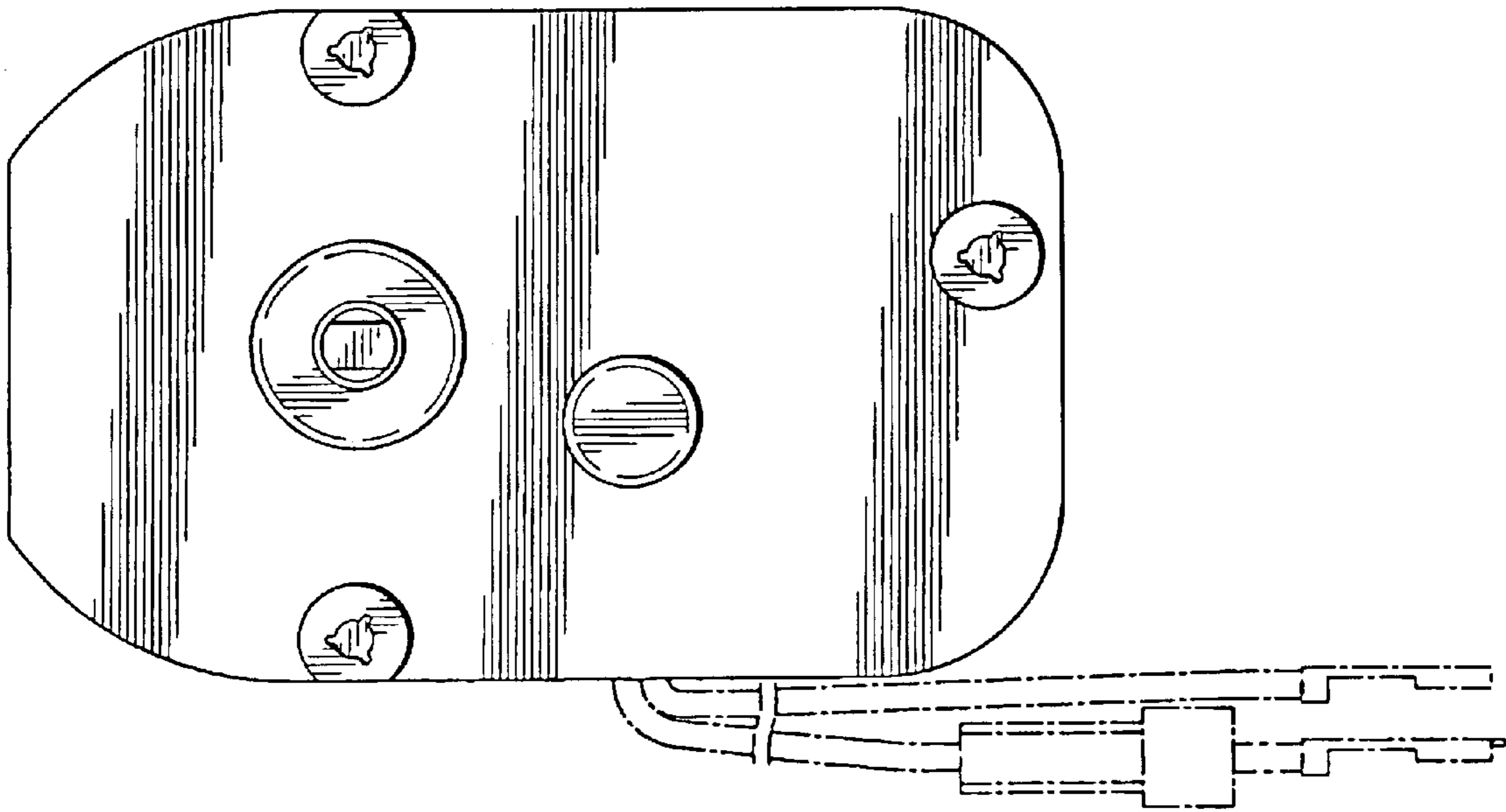


FIG. 16

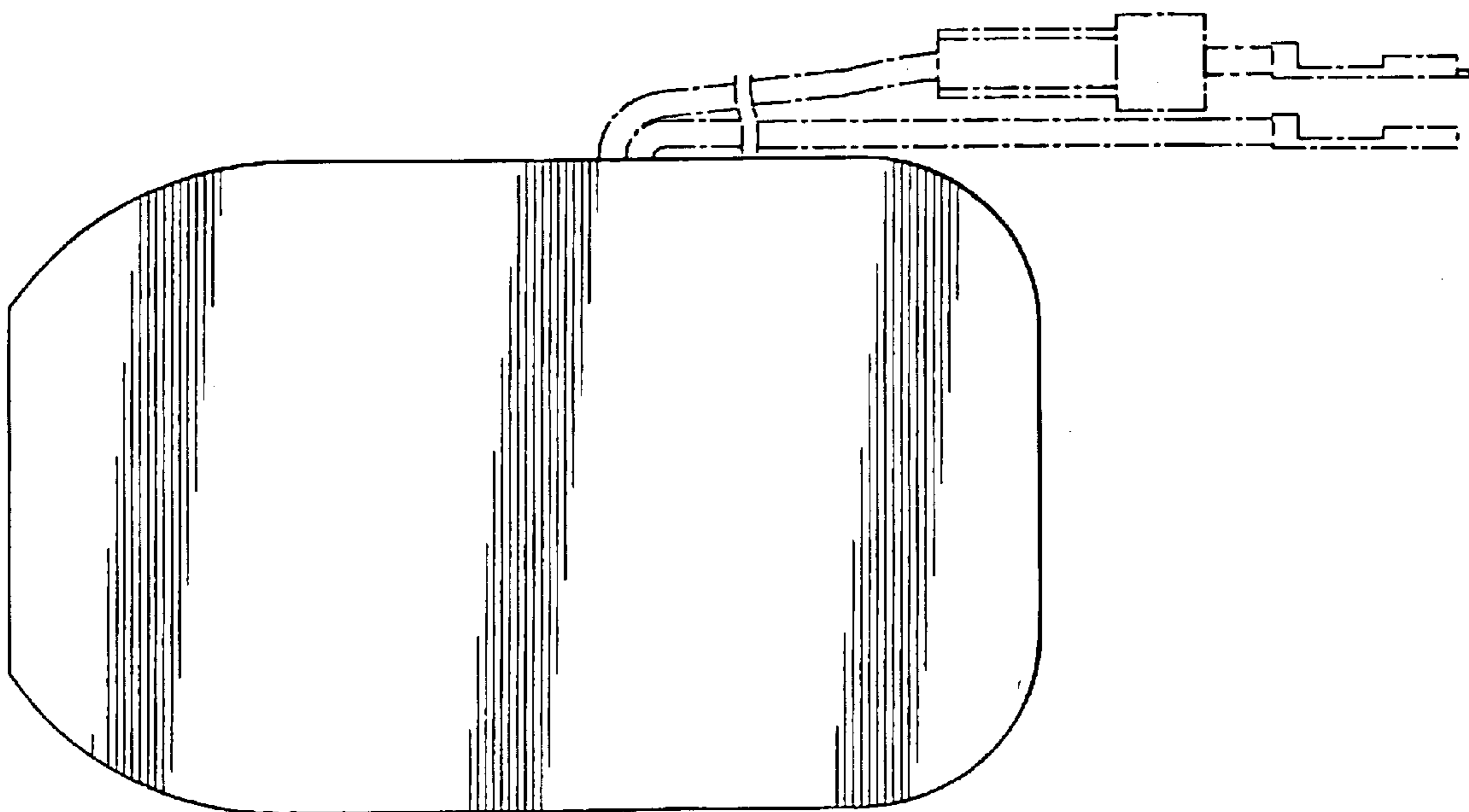


FIG. 15

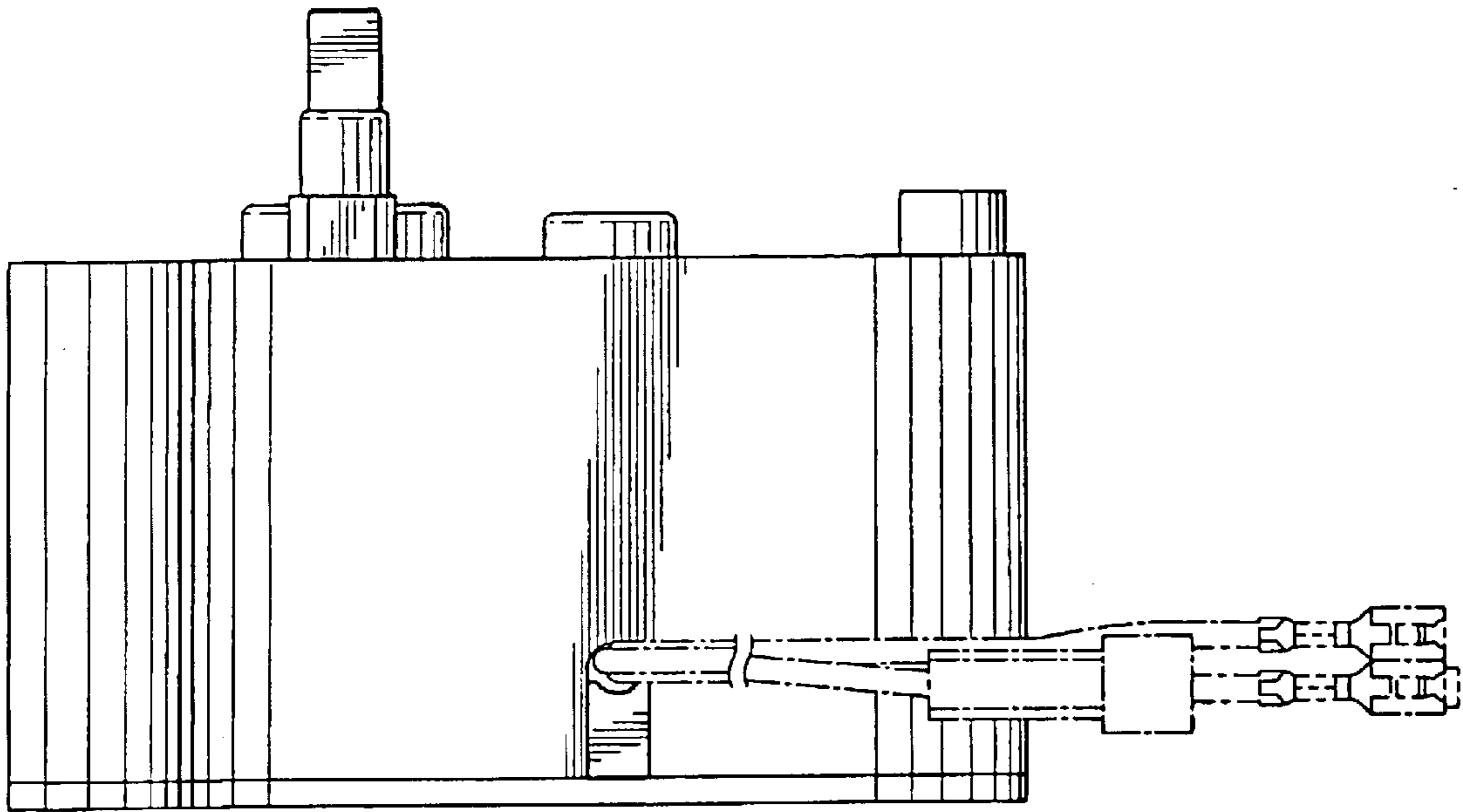


FIG. 18

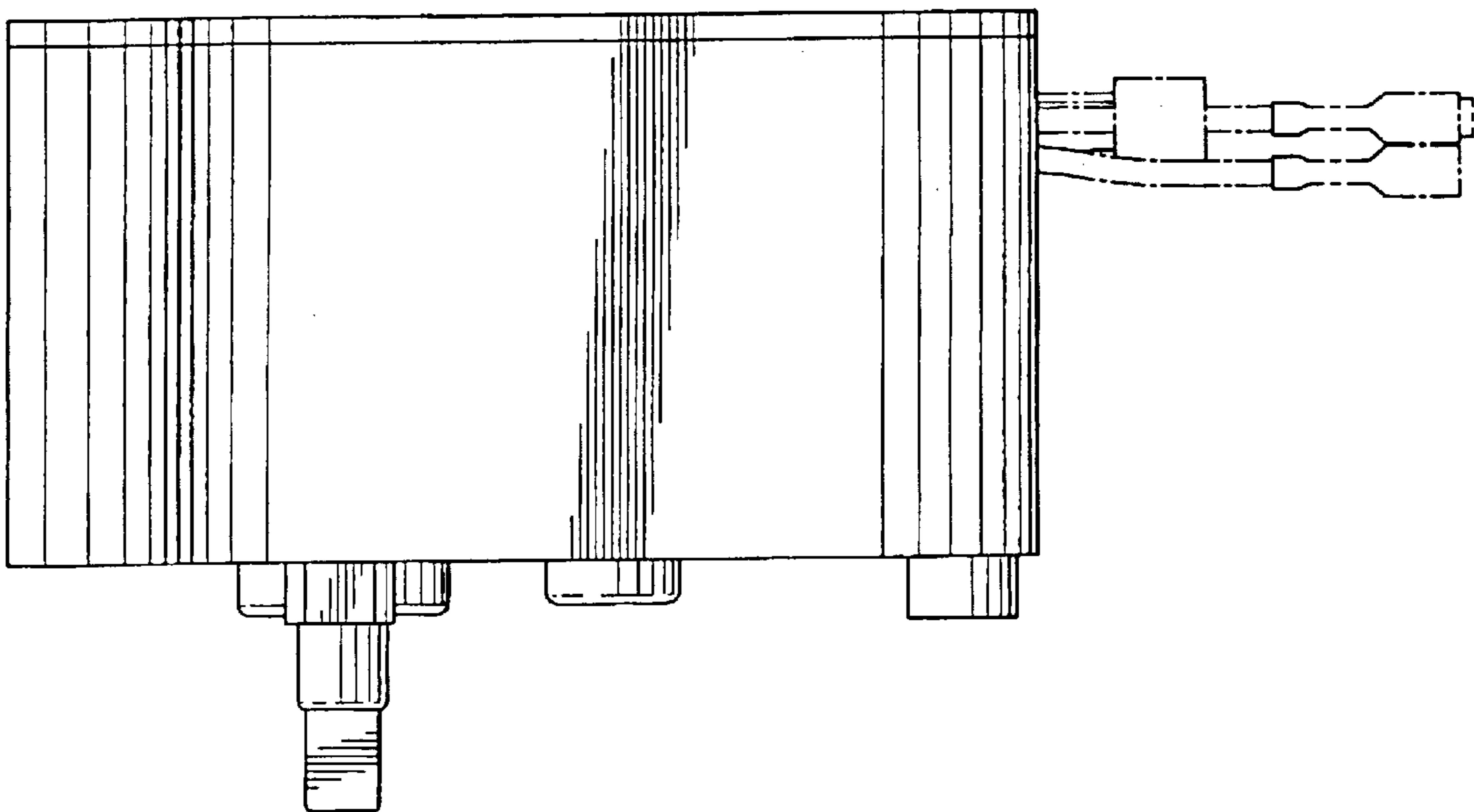


FIG. 17

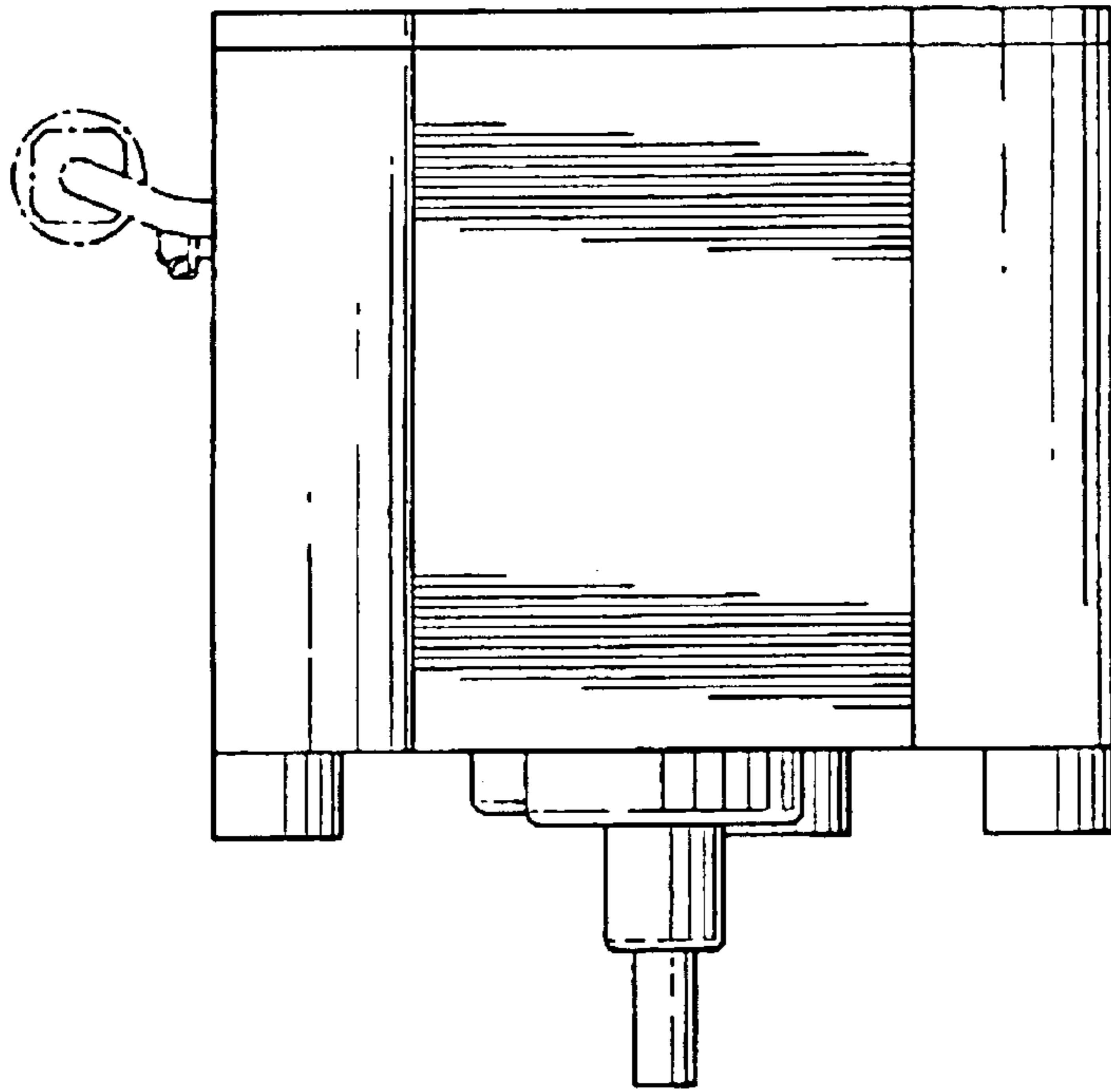


FIG. 19

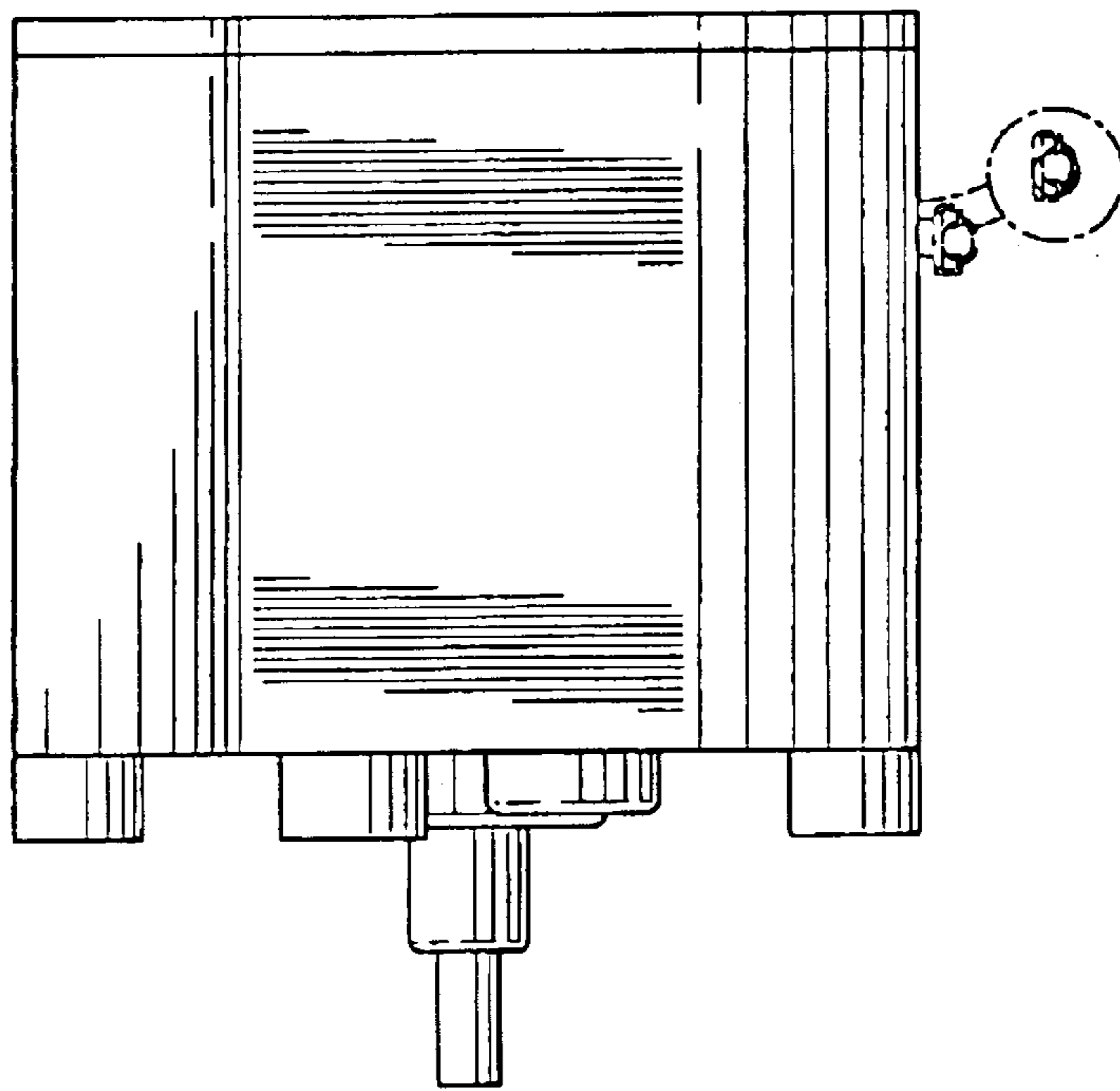


FIG. 20

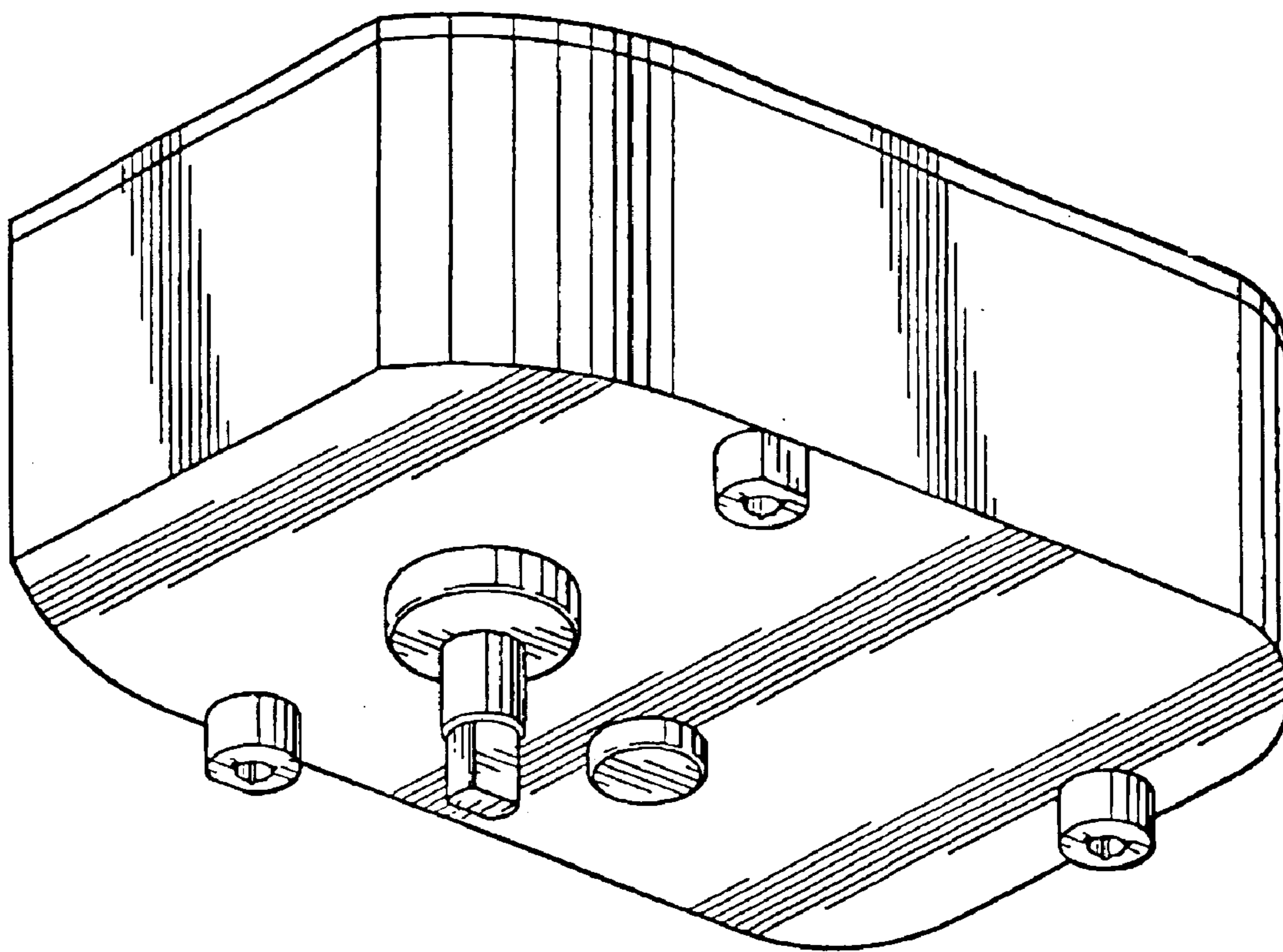


FIG. 21

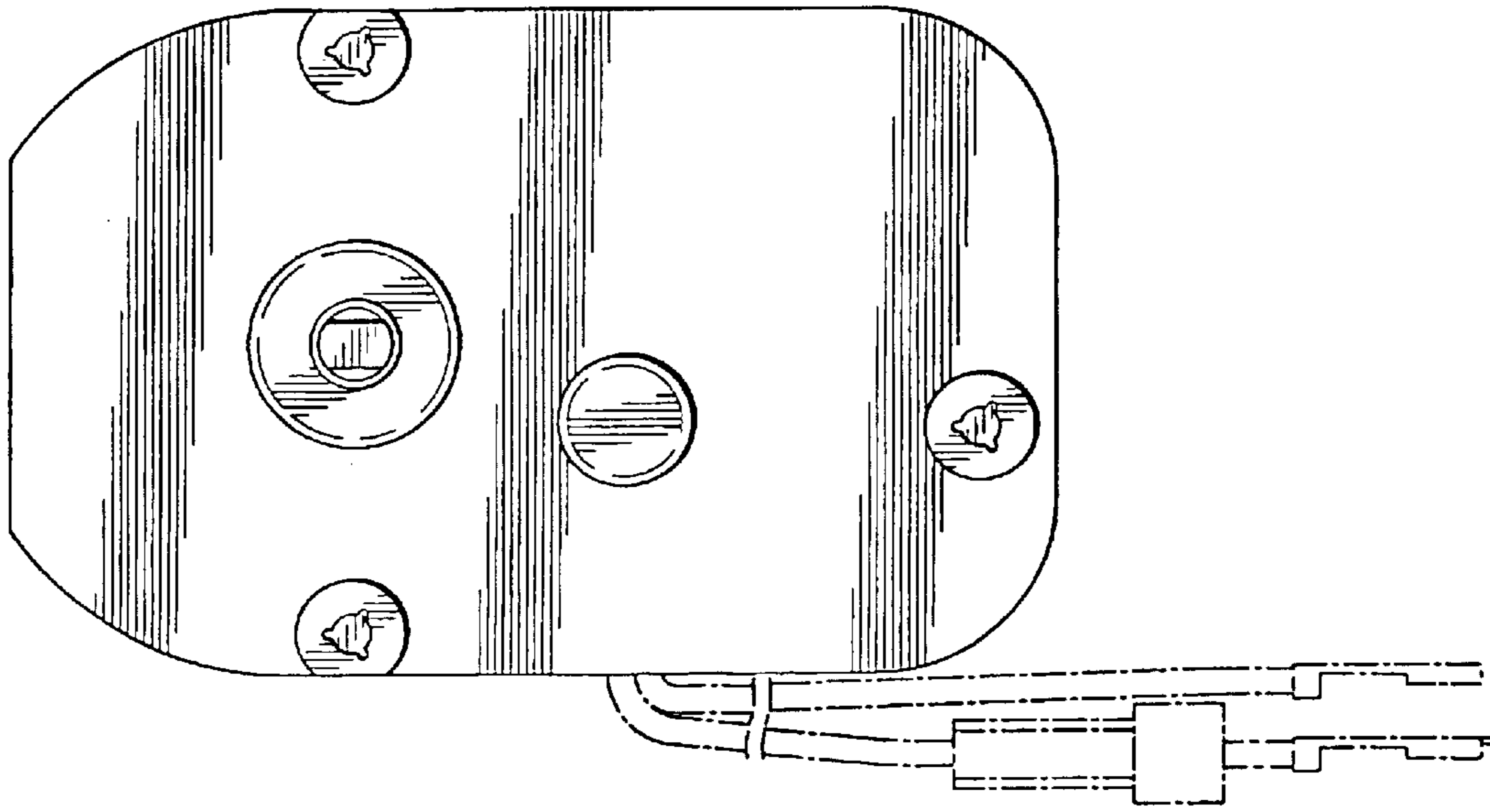


FIG. 23

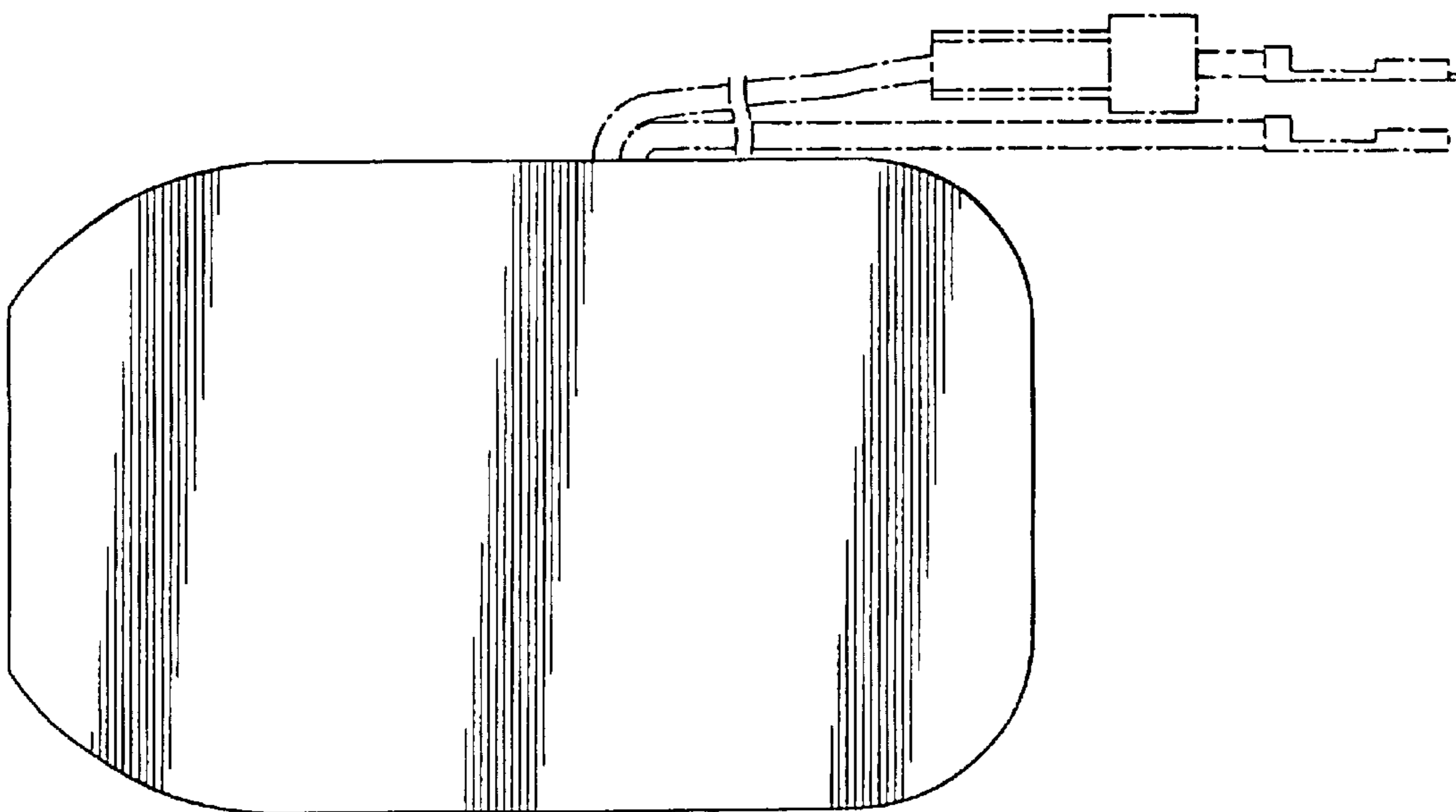


FIG. 22

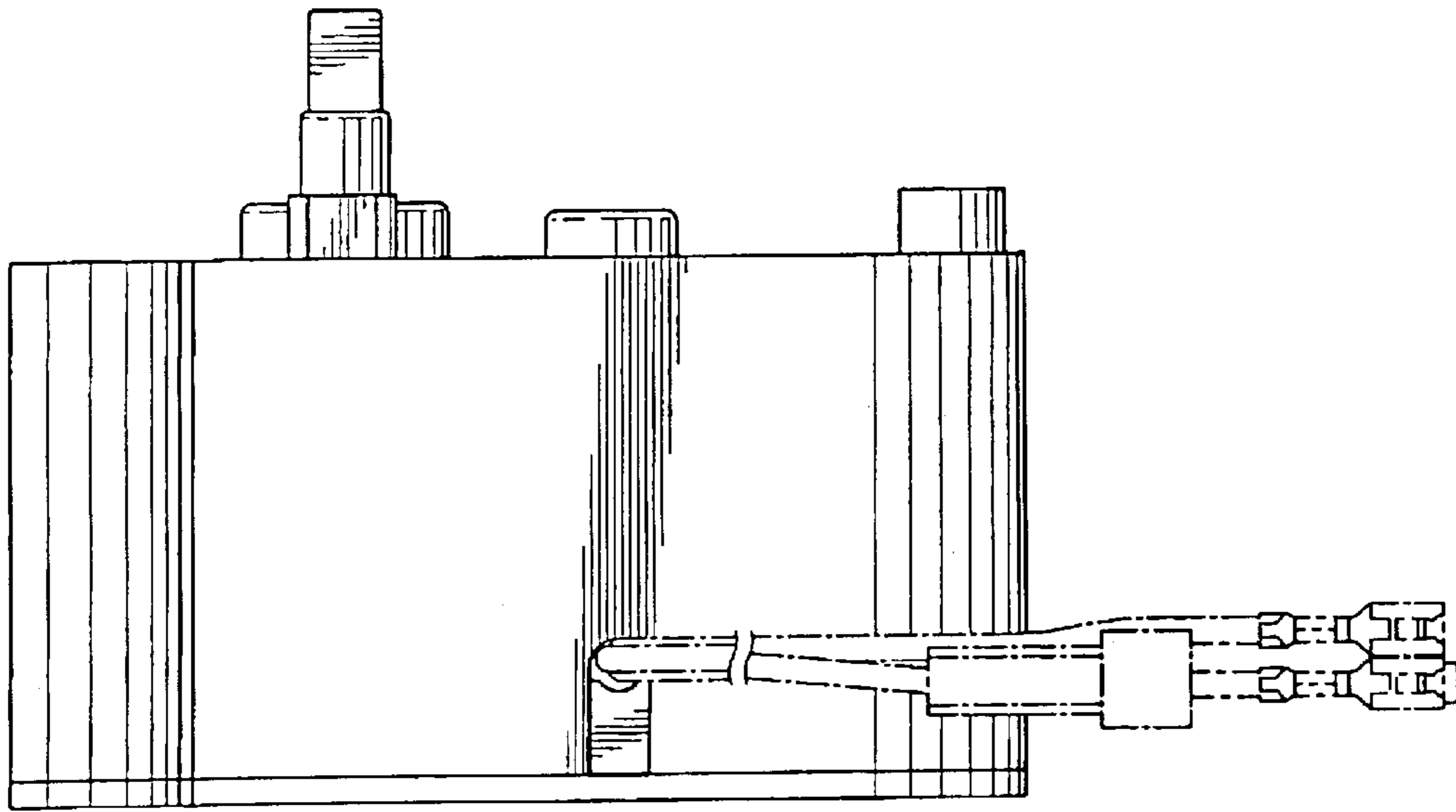


FIG. 25

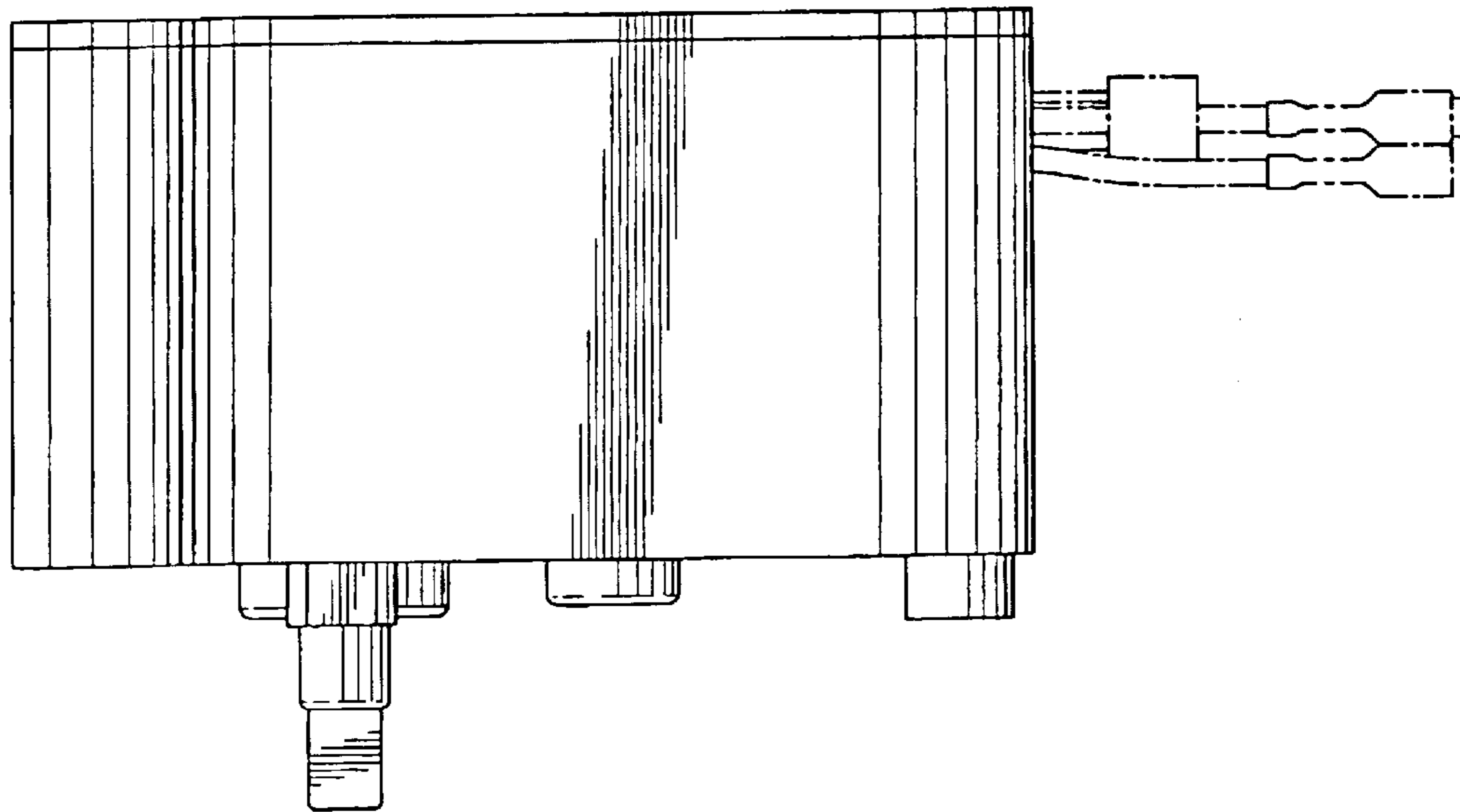


FIG. 24

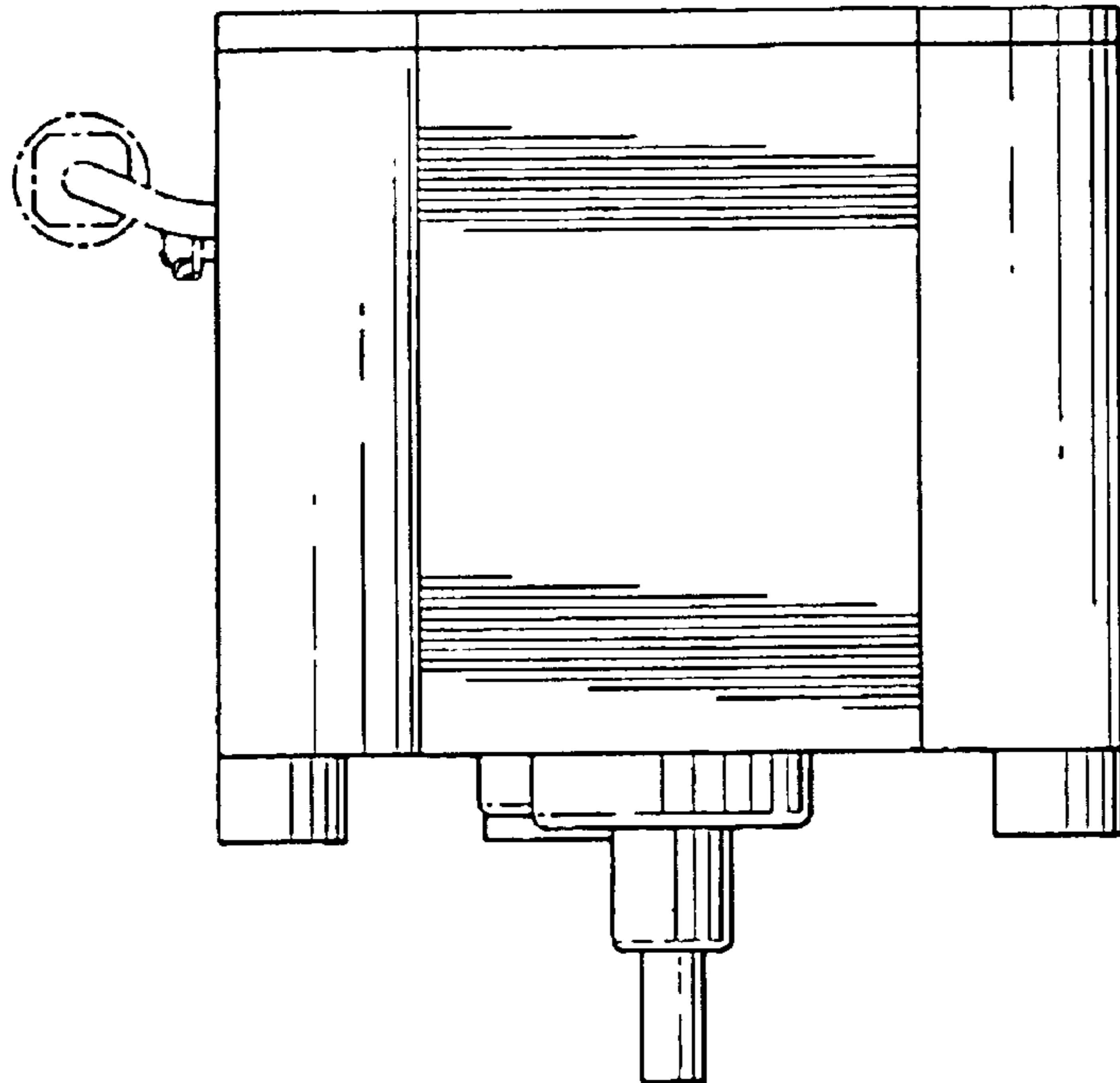


FIG. 26

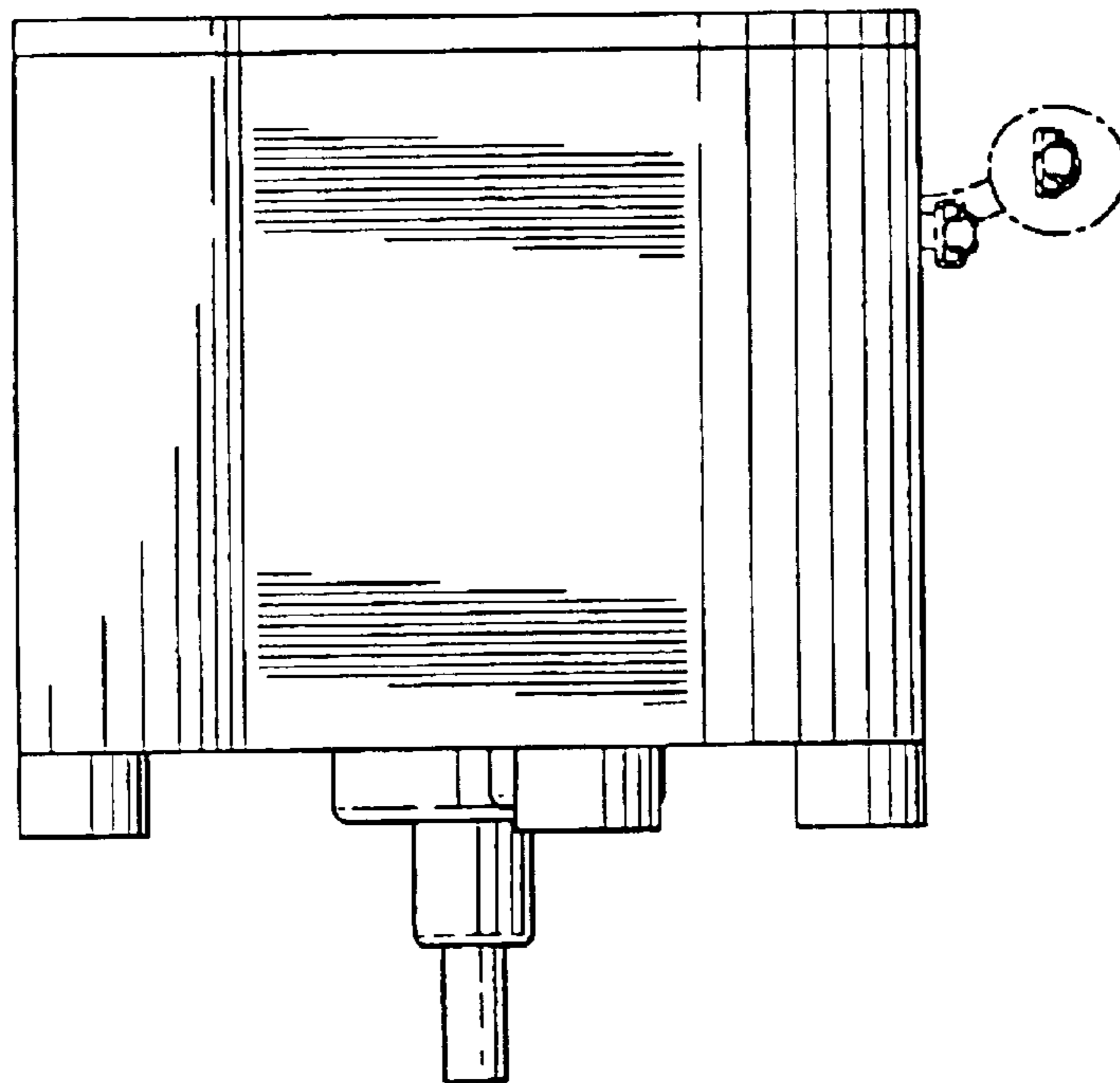


FIG. 27

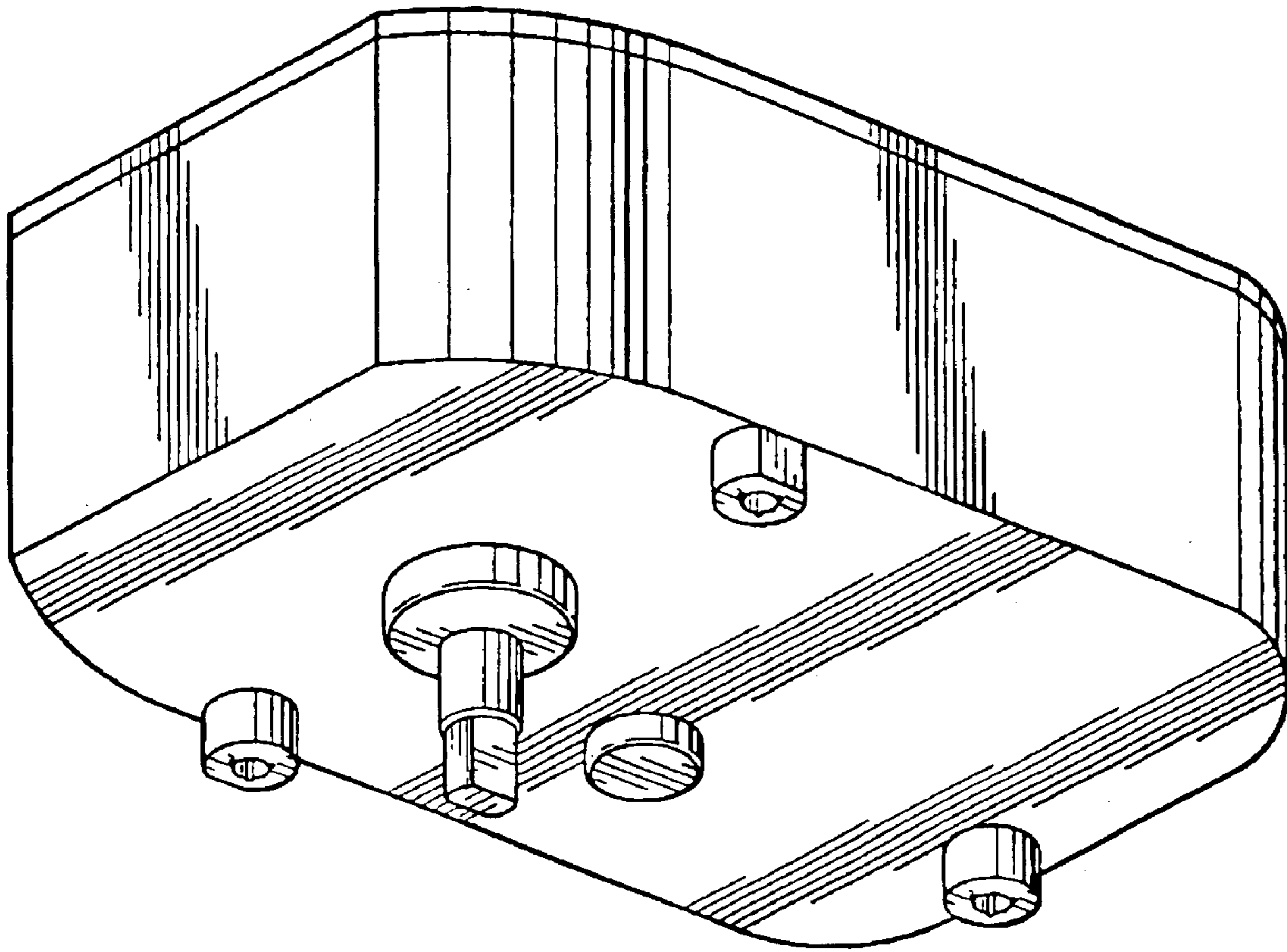


FIG. 28

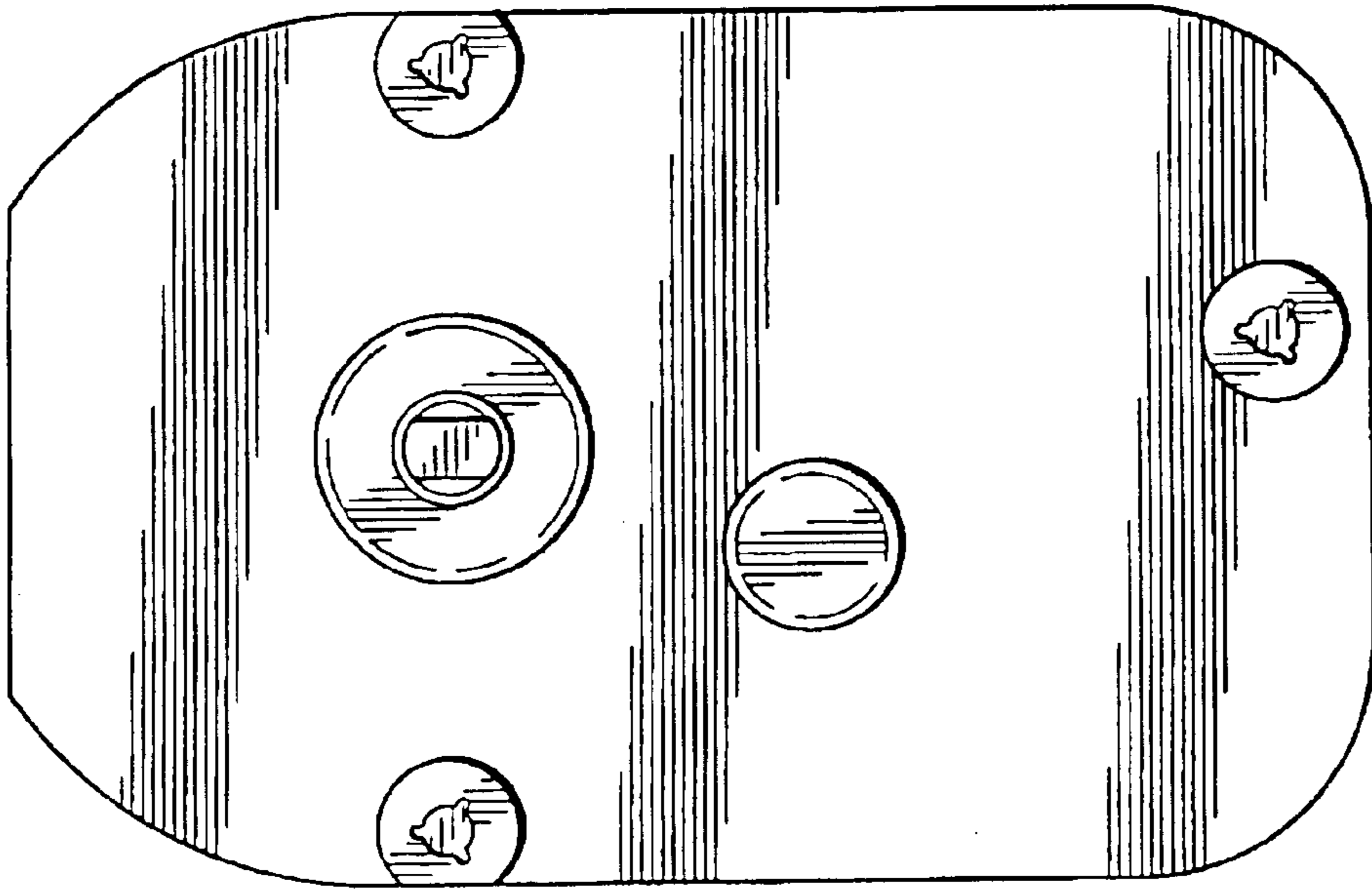


FIG. 29

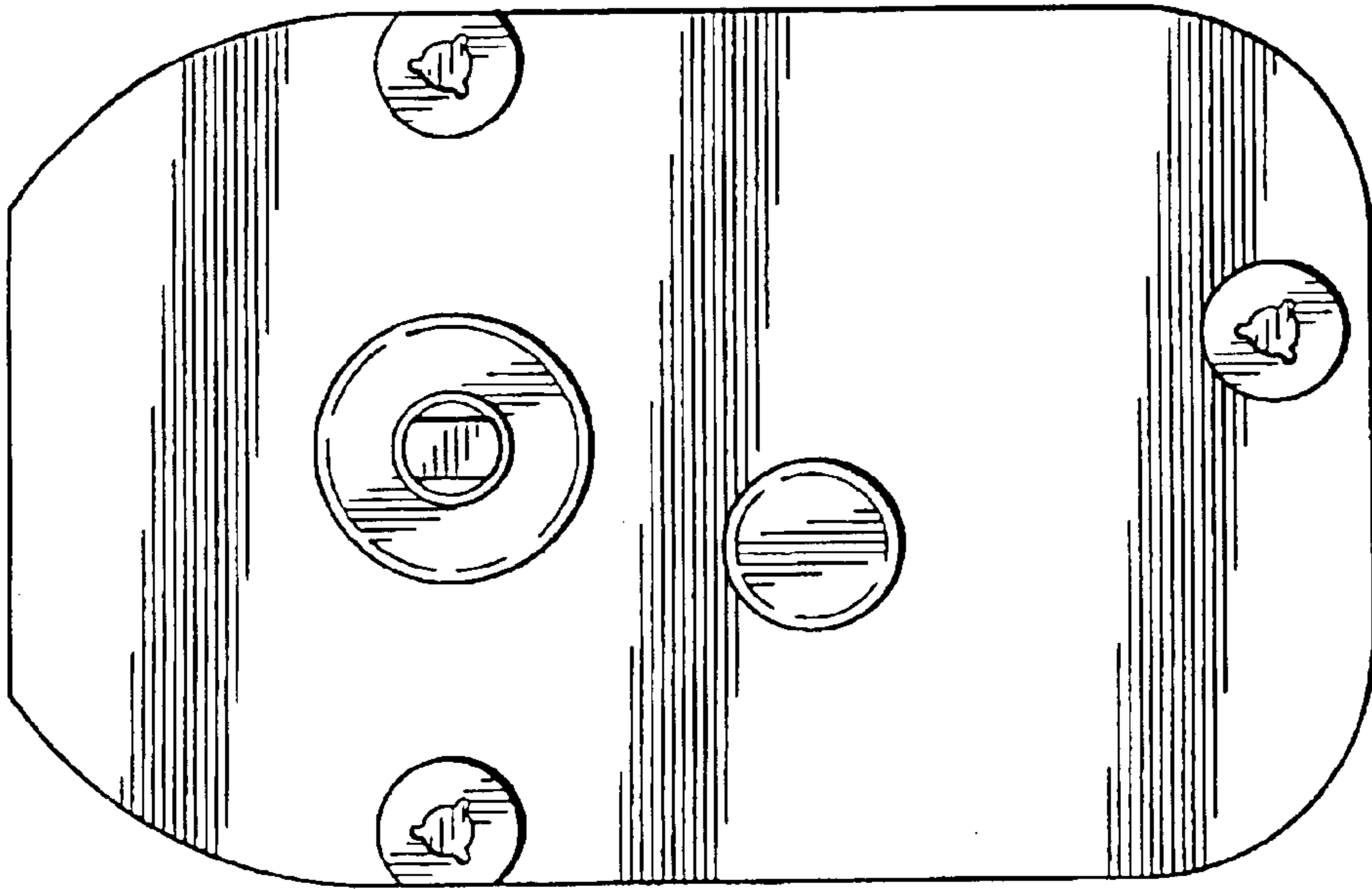


FIG. 30

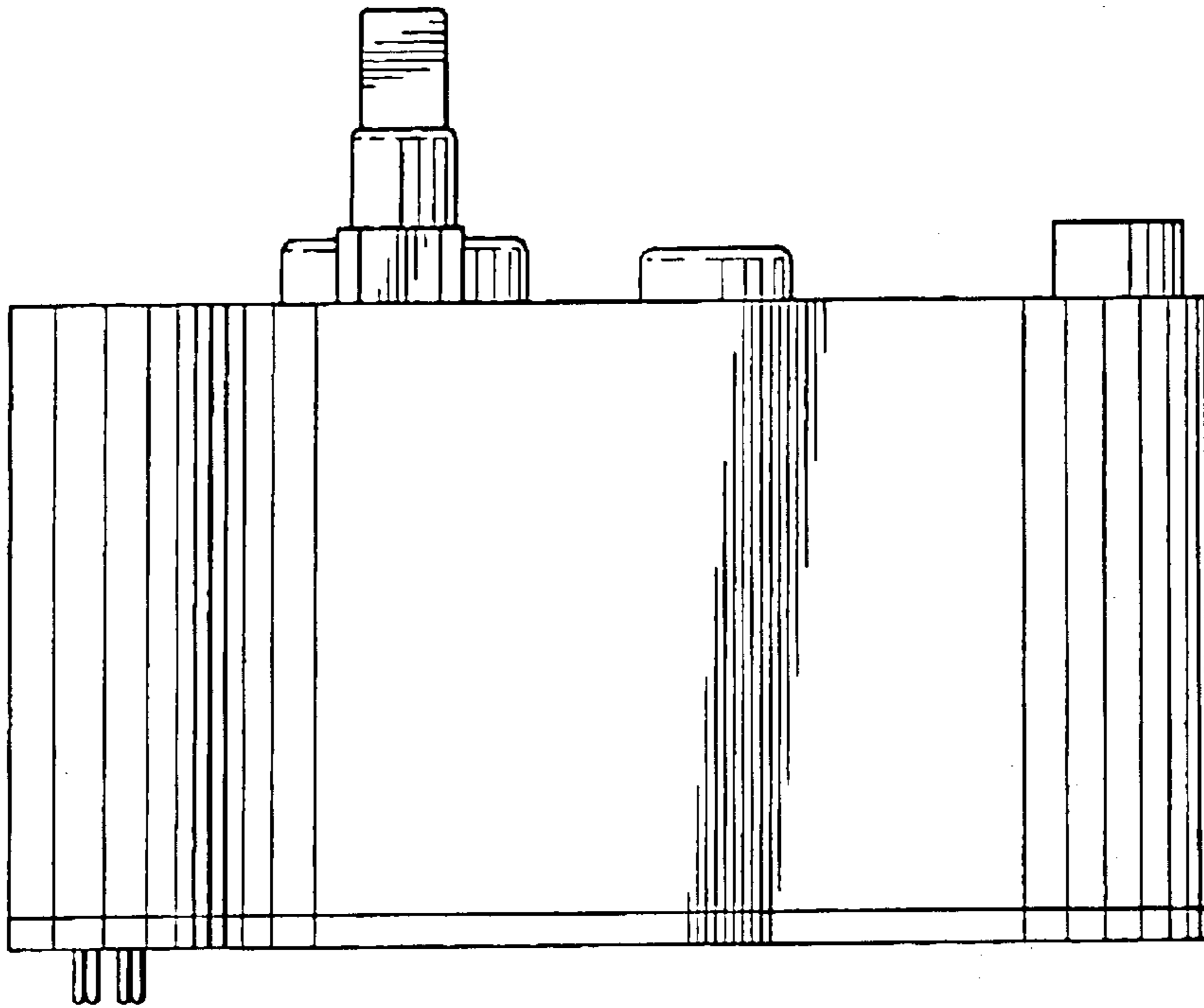


FIG. 32

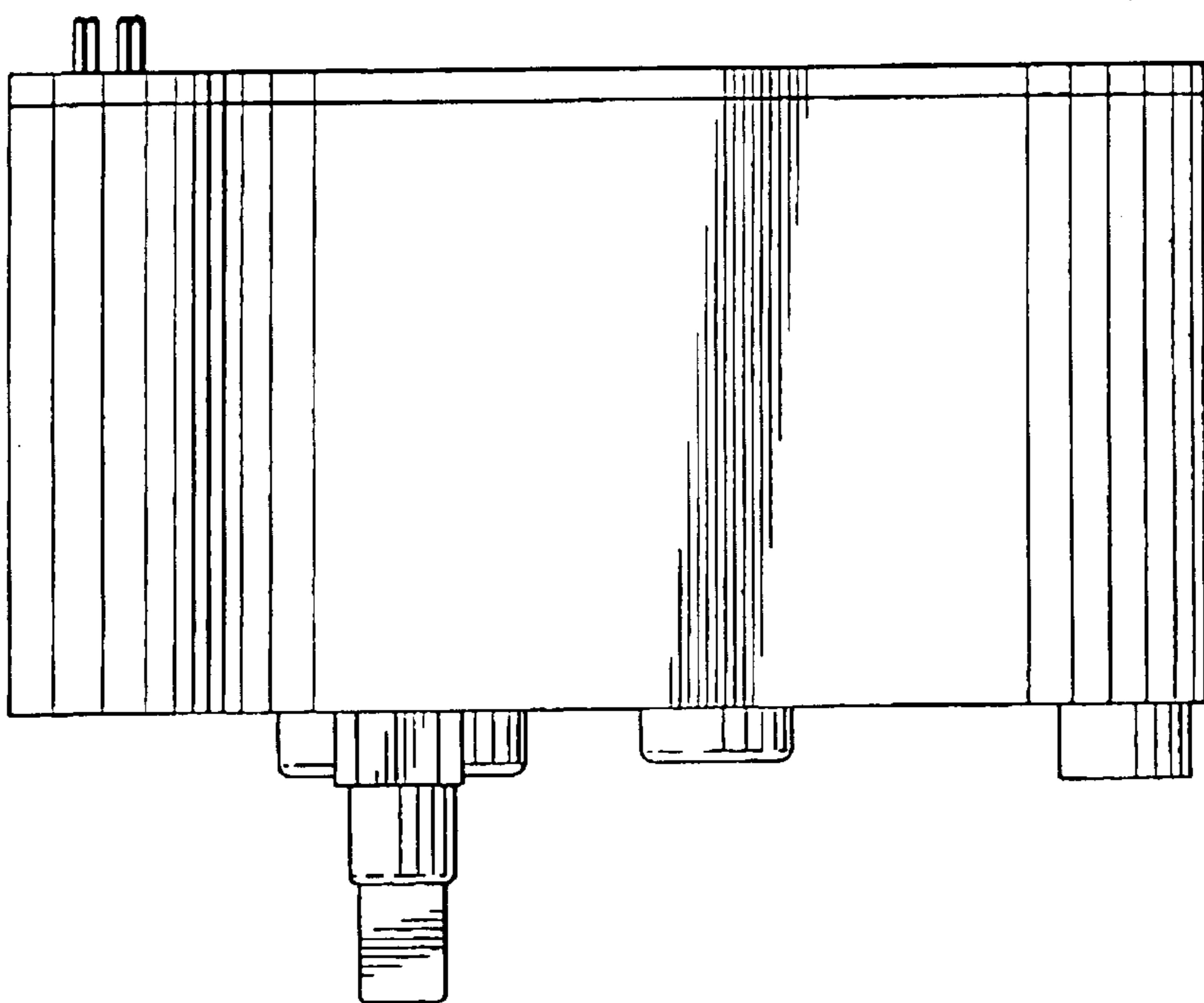


FIG. 31

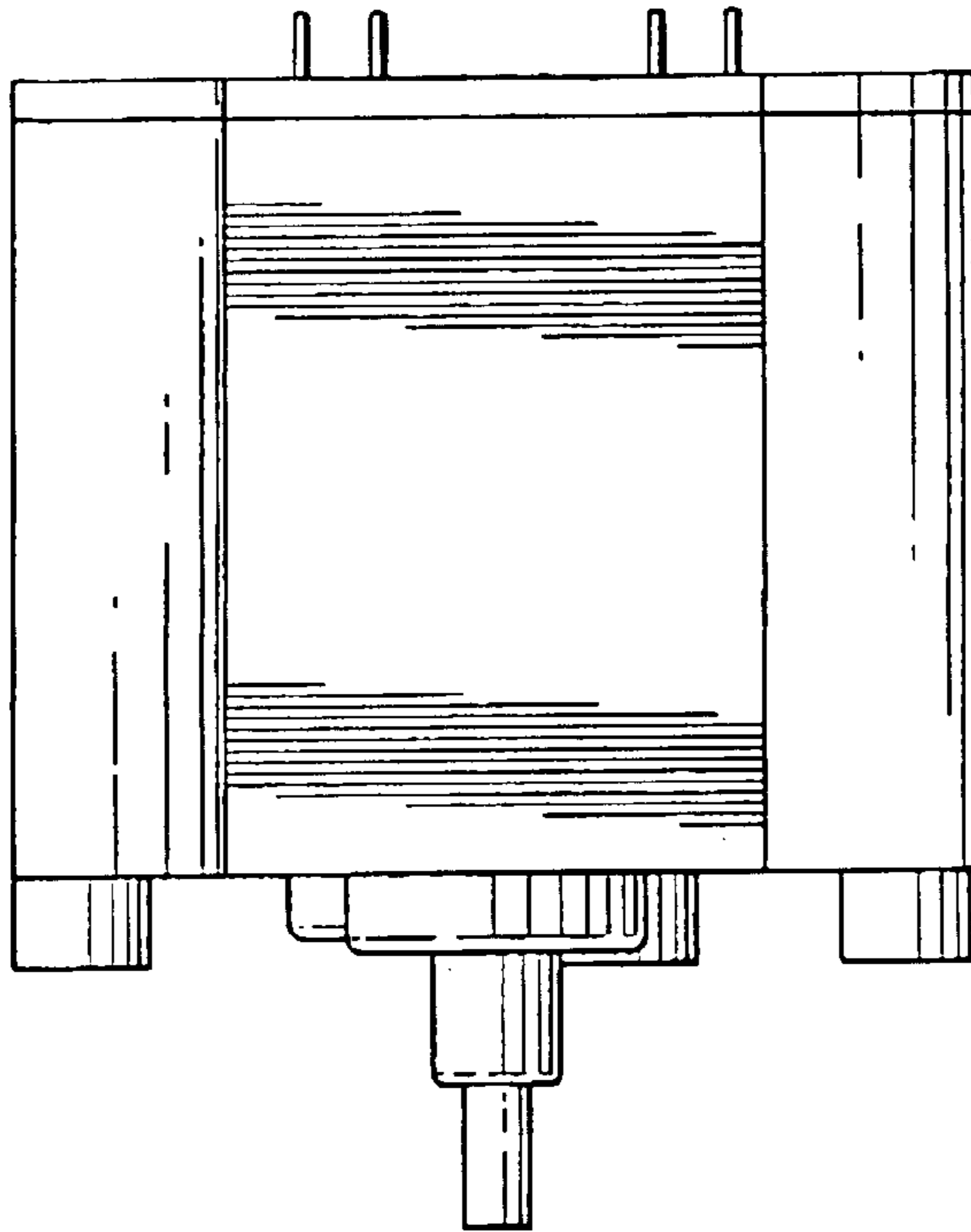


FIG. 33

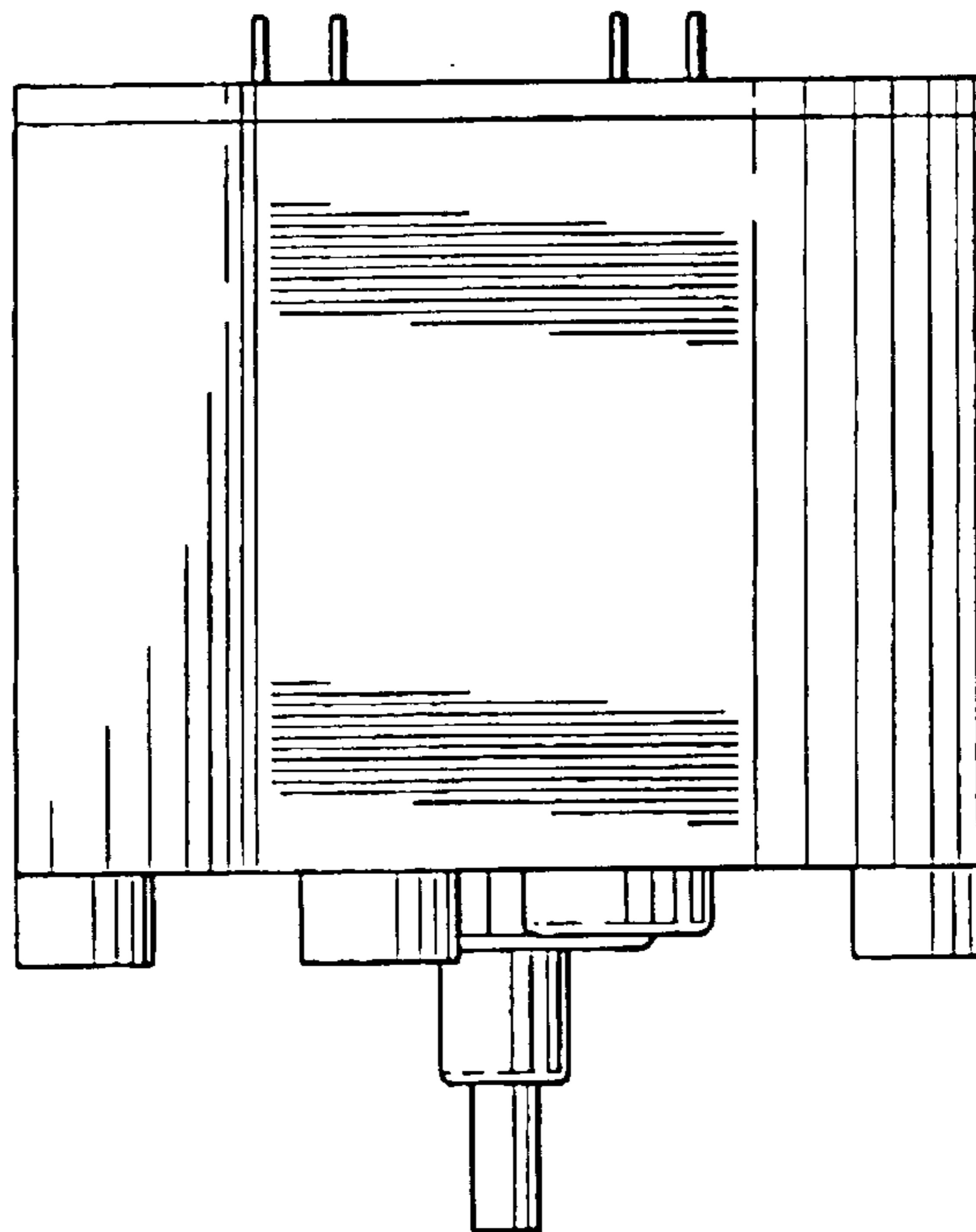


FIG. 34

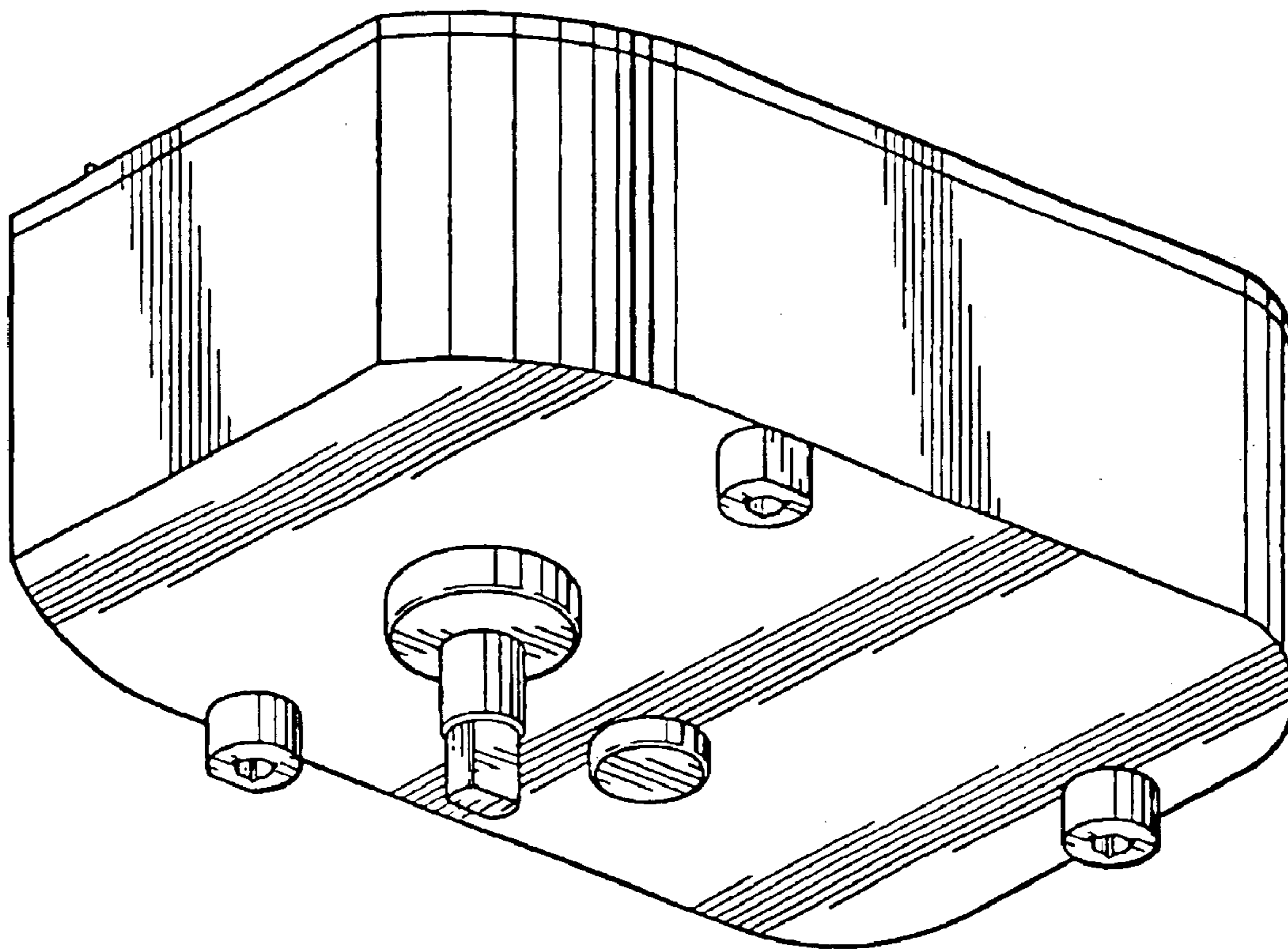


FIG. 35

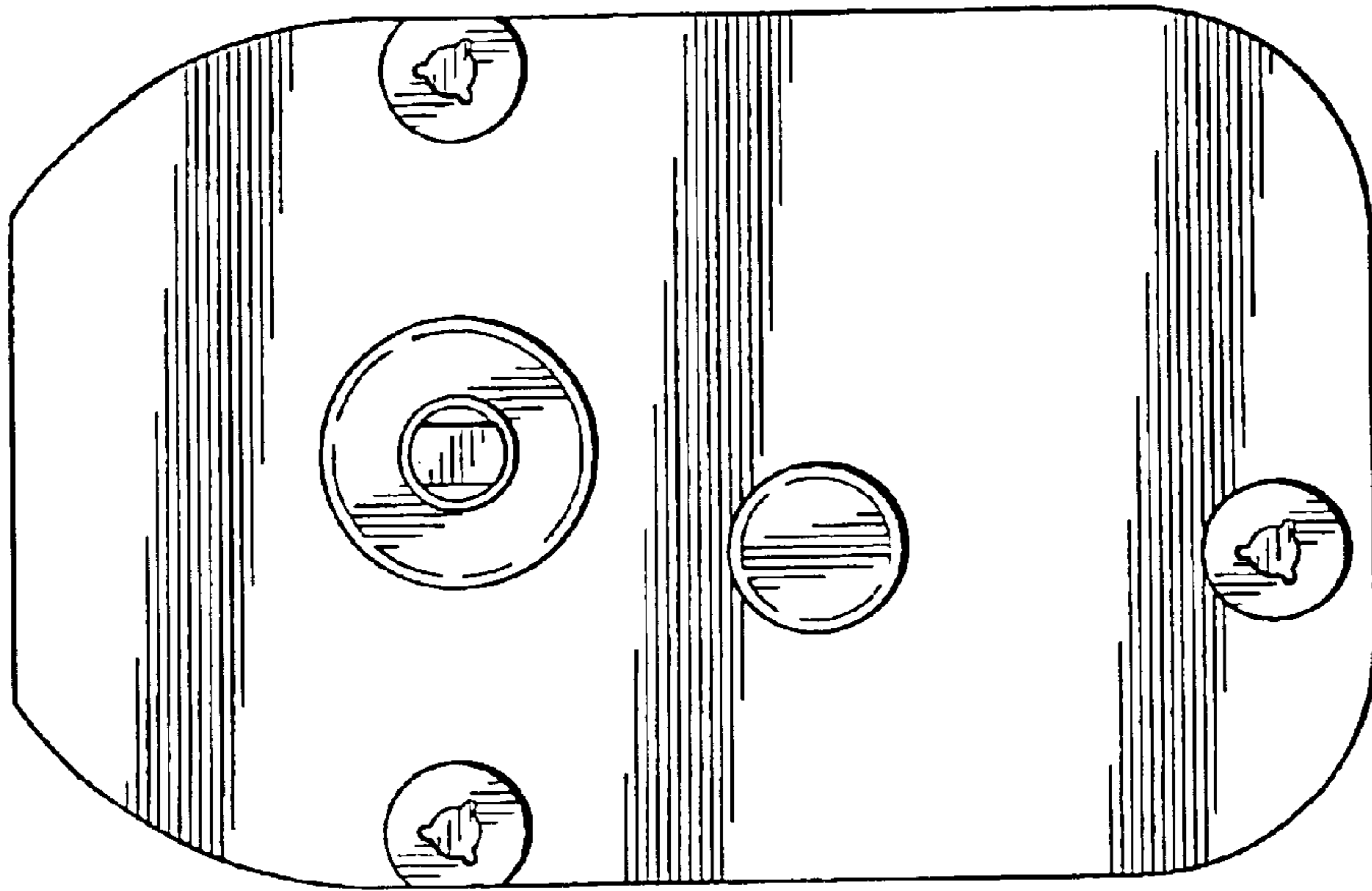


FIG. 37

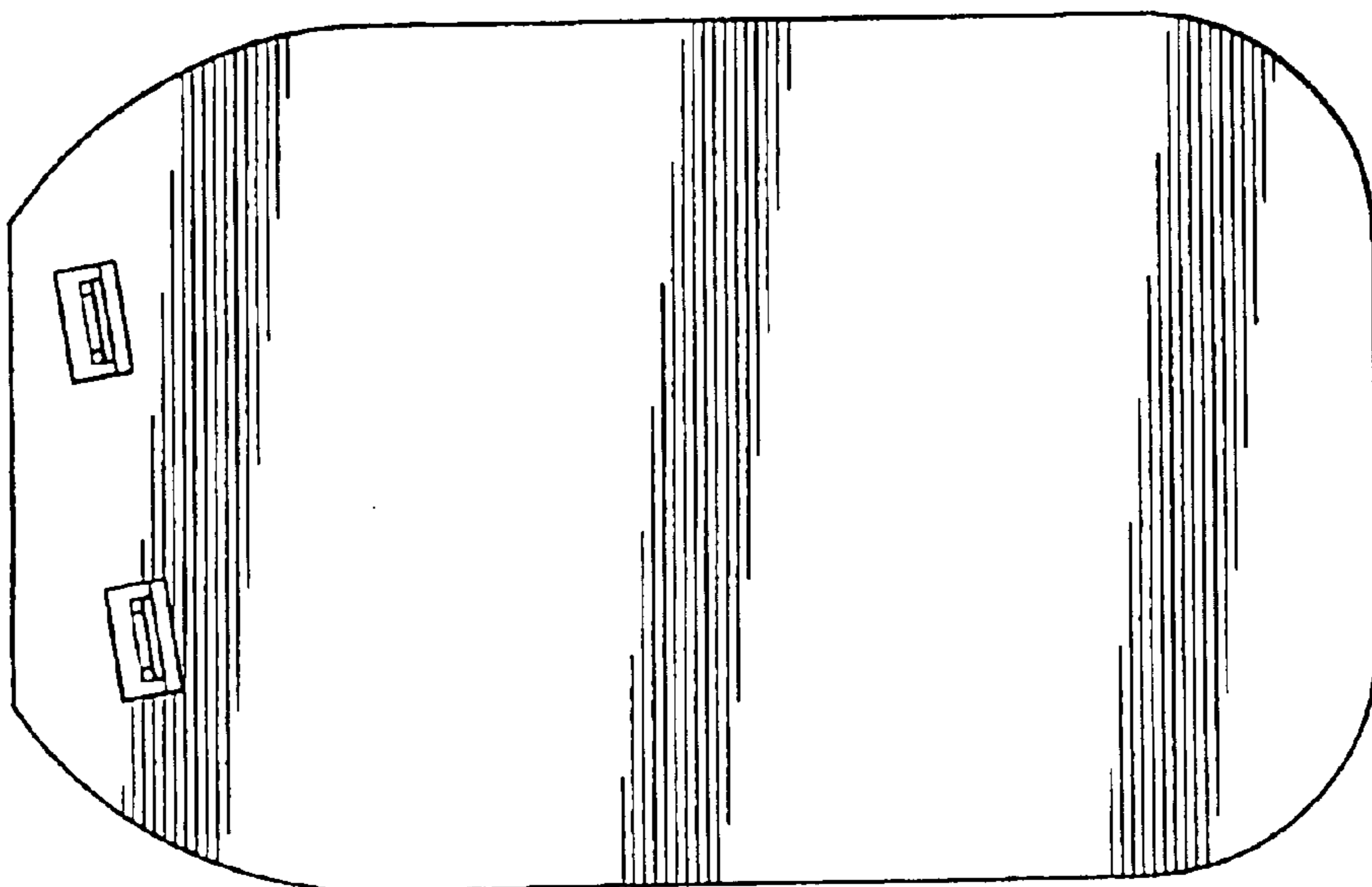


FIG. 36

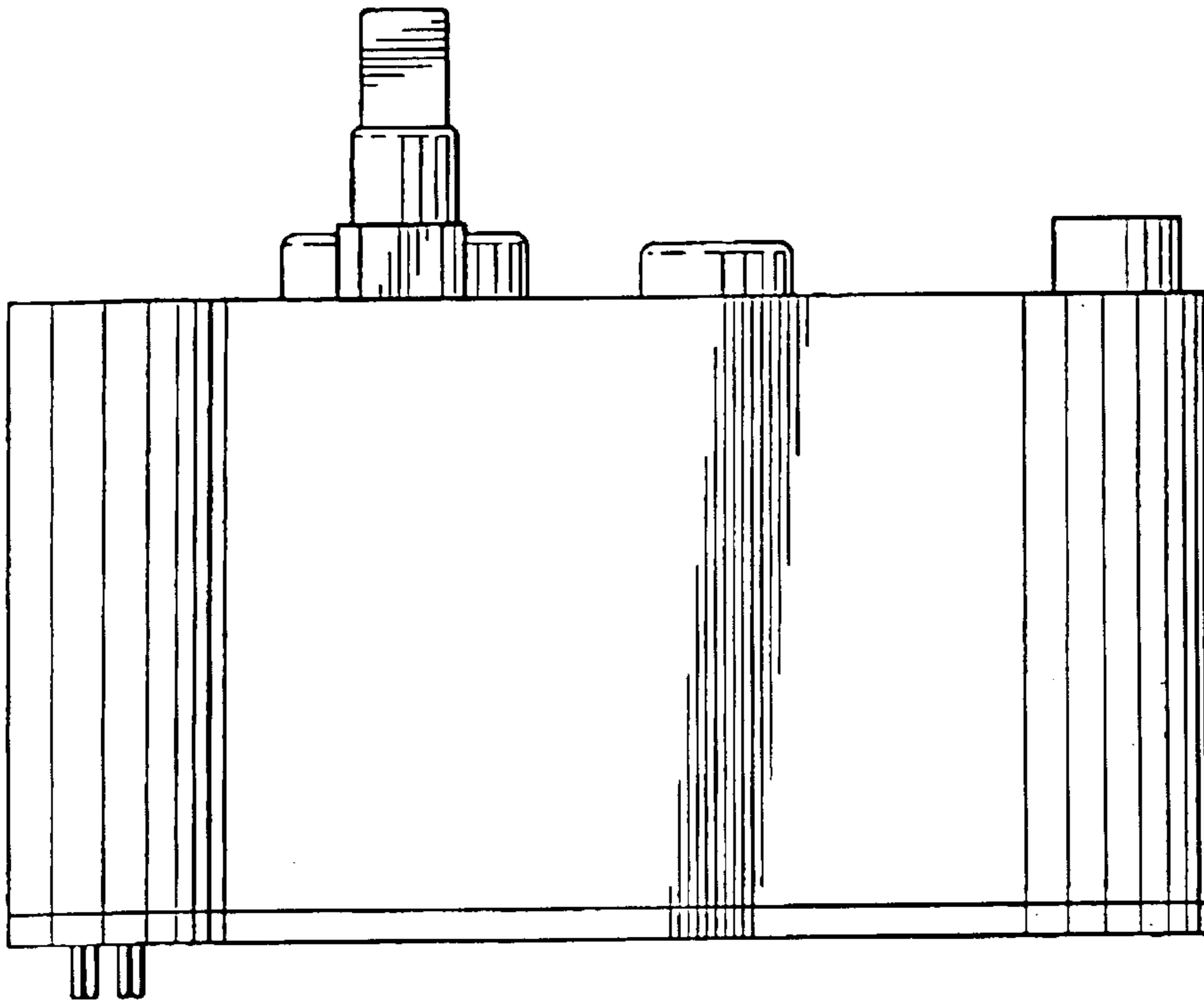


FIG. 39

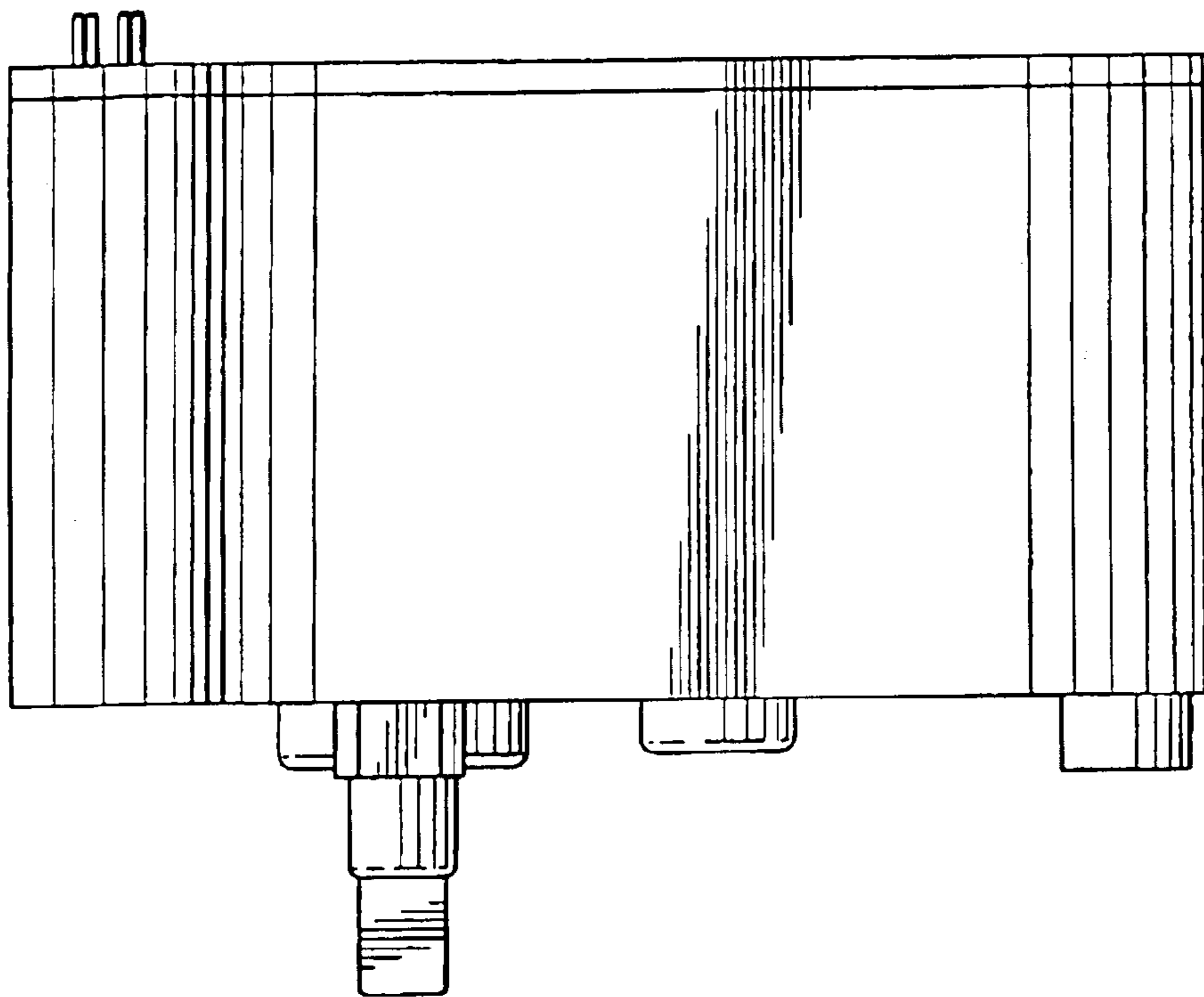


FIG. 38

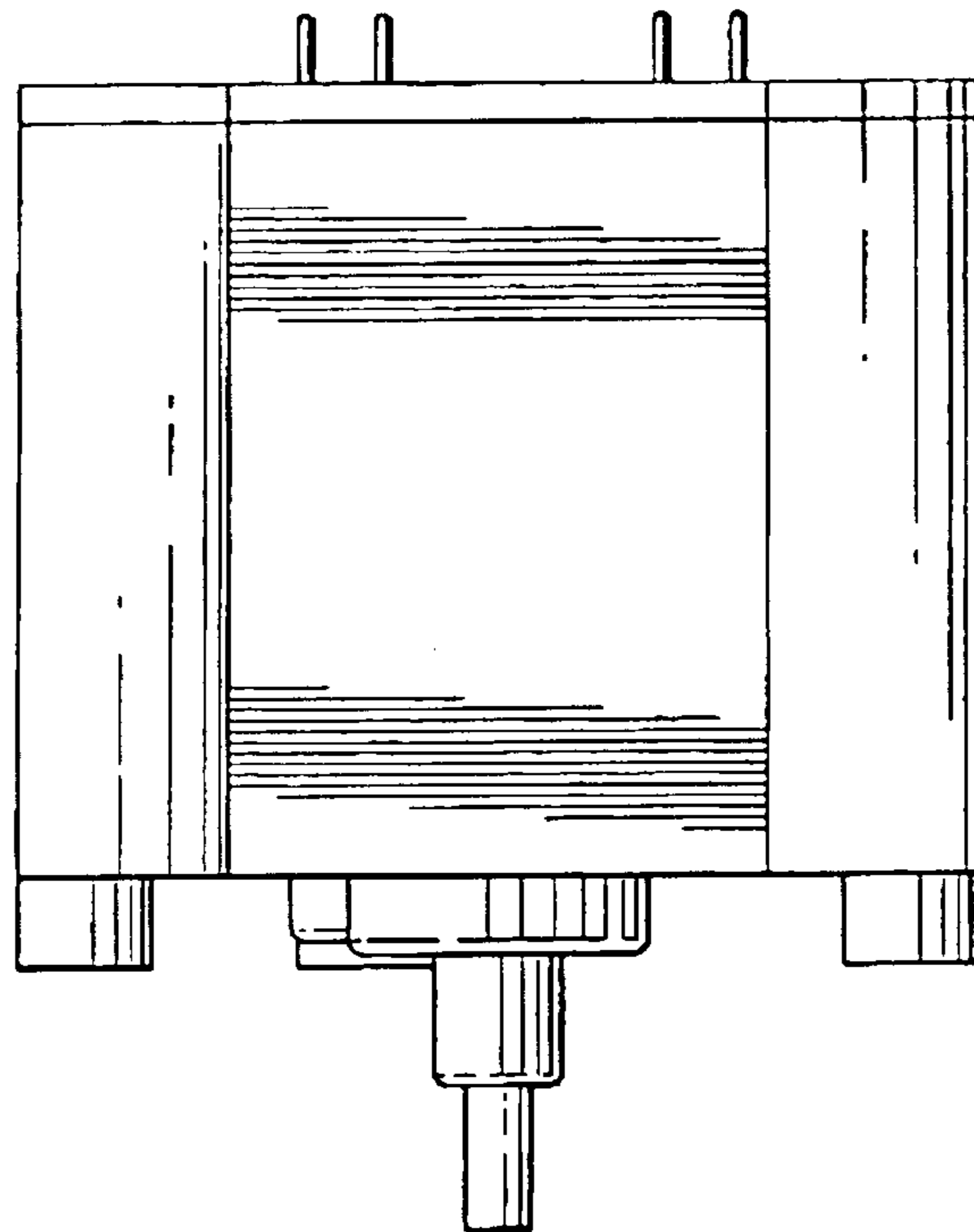


FIG. 40

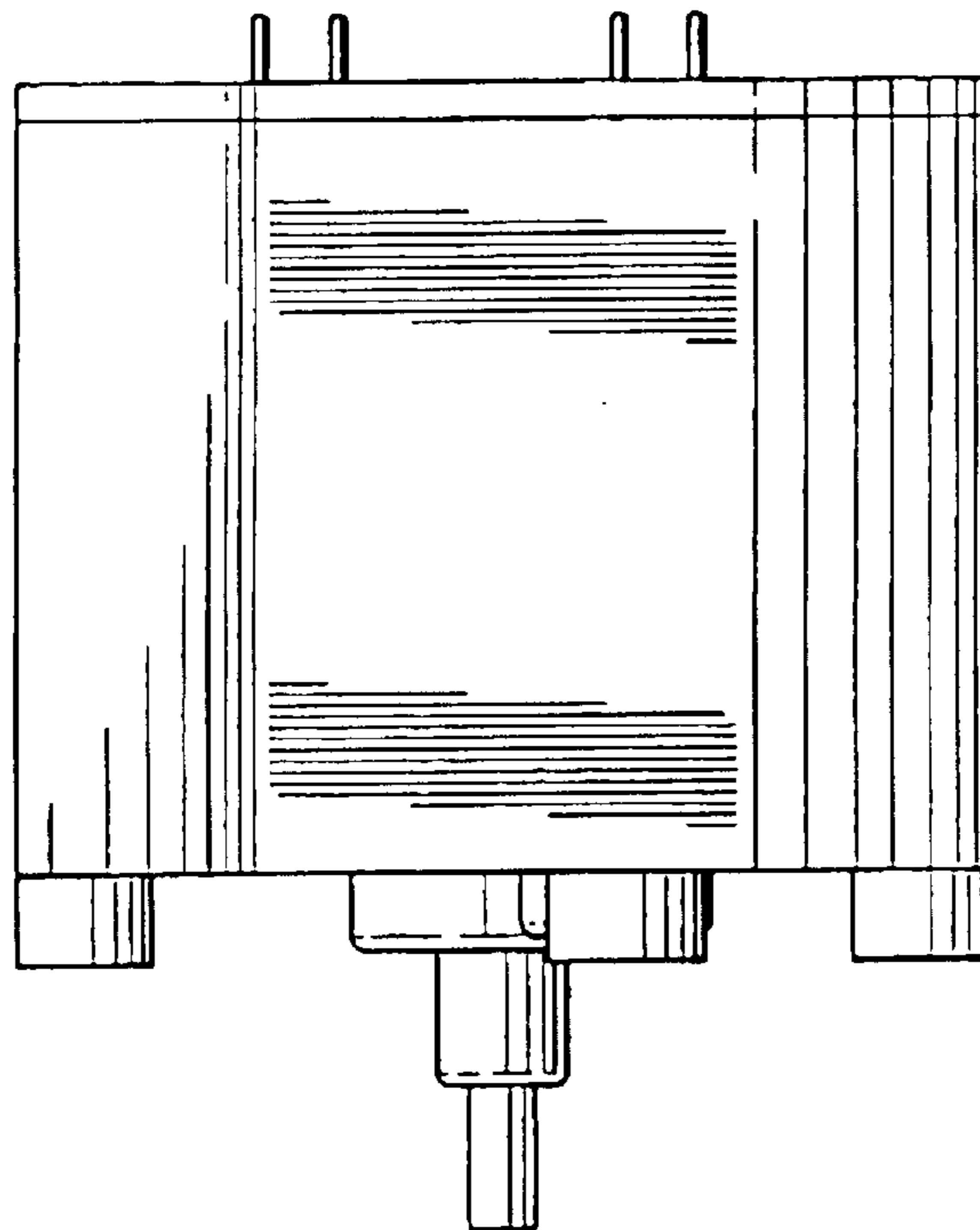


FIG. 41

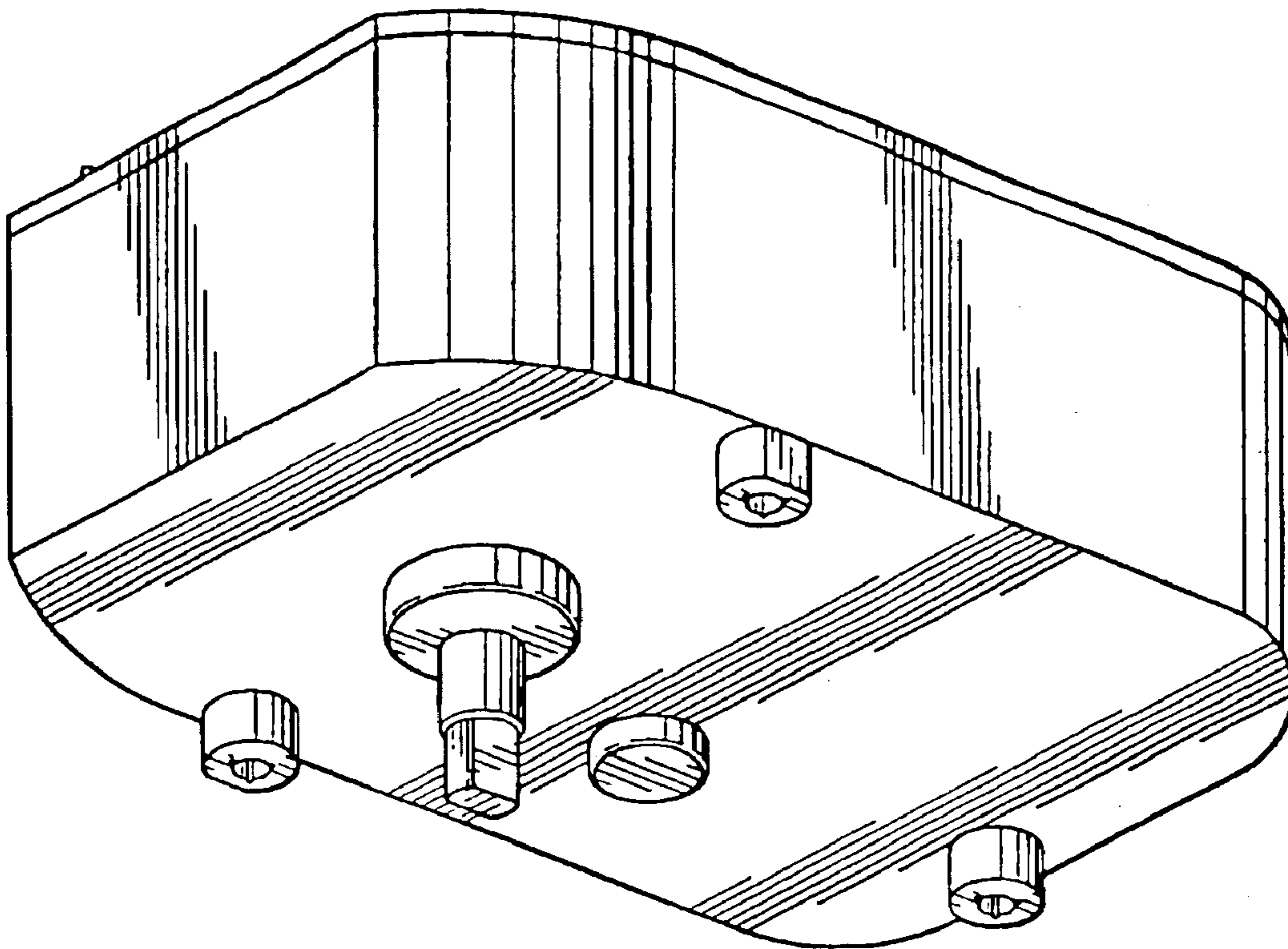


FIG. 42

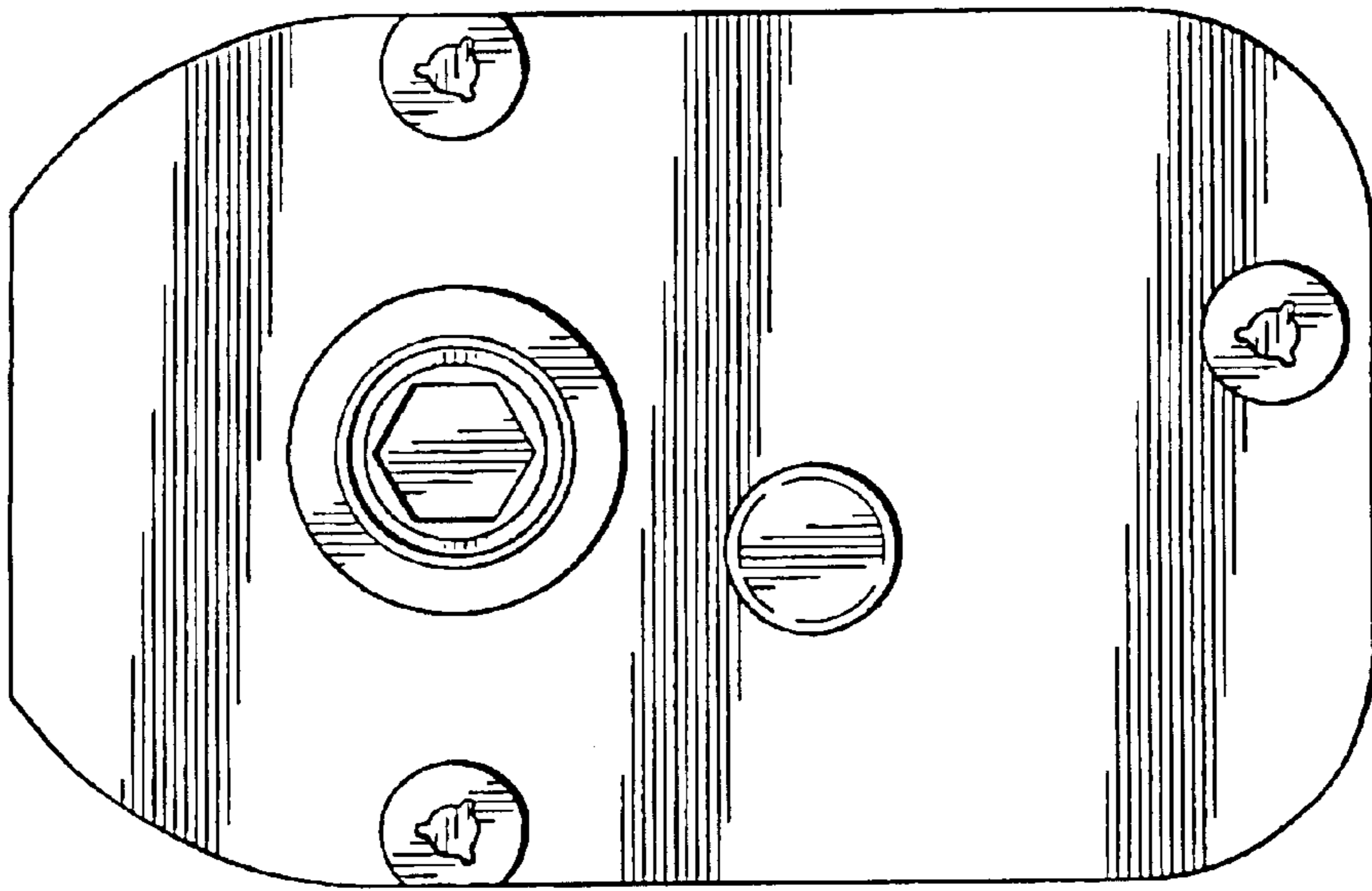


FIG. 44

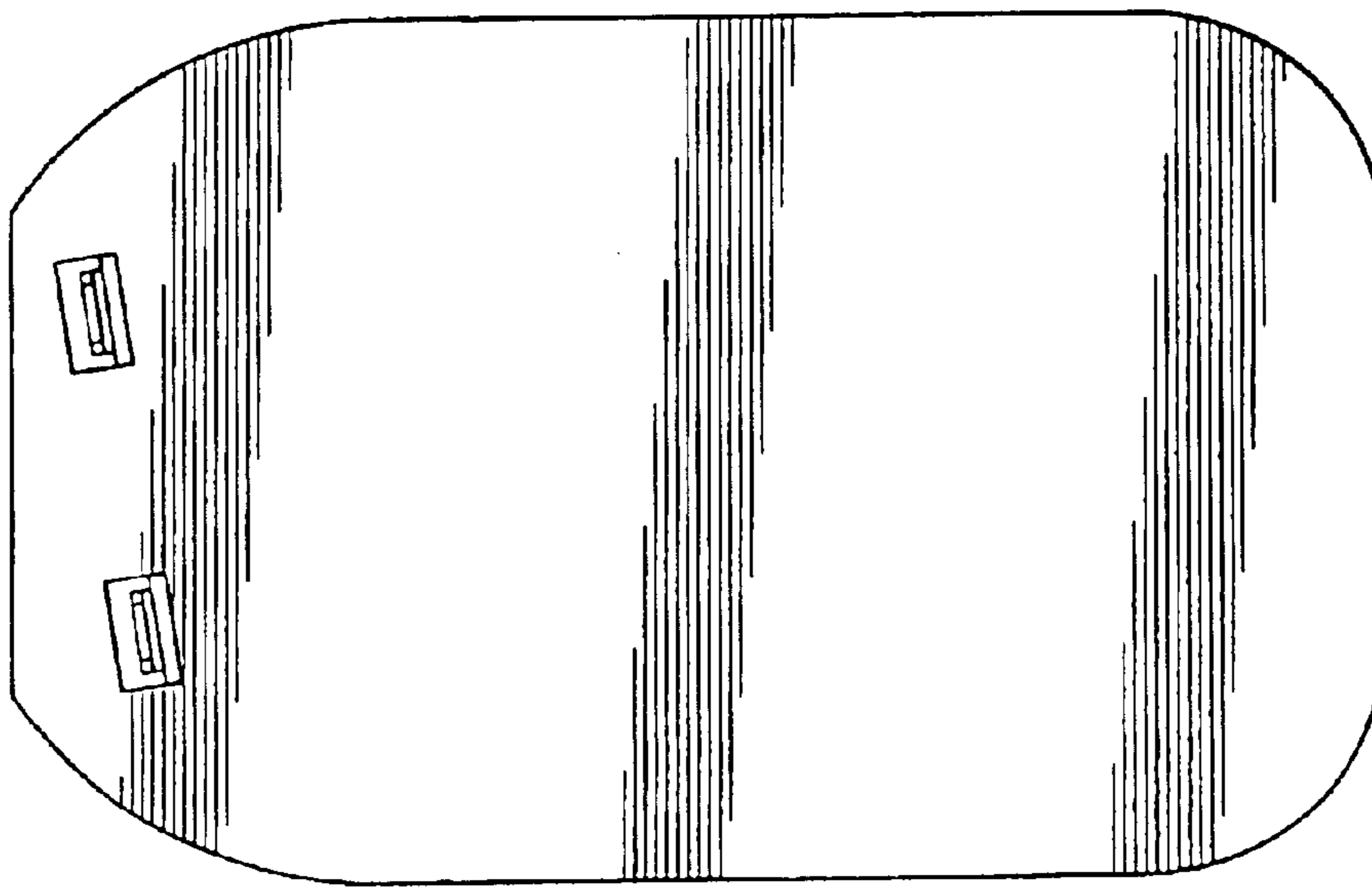


FIG. 43

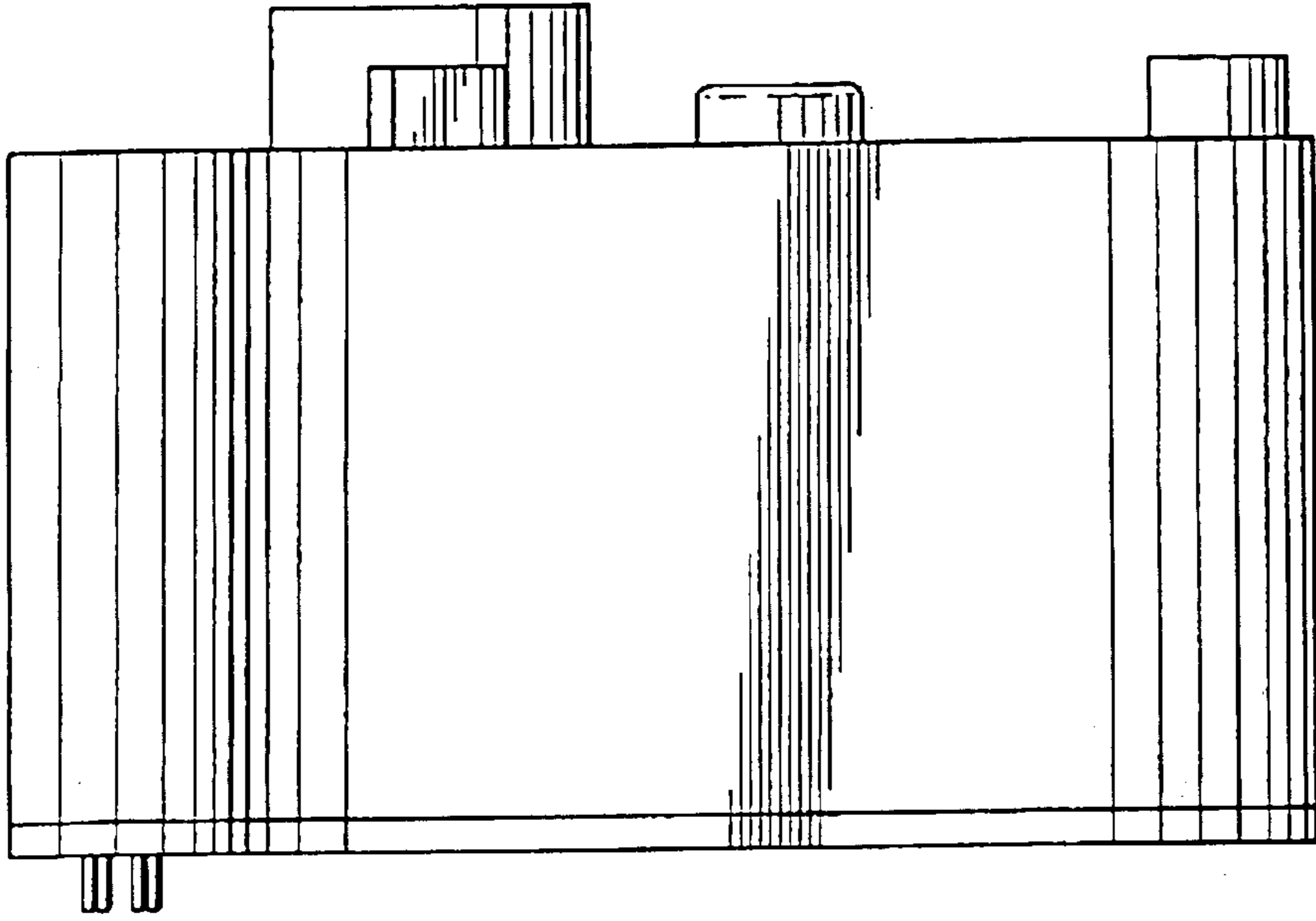


FIG. 46

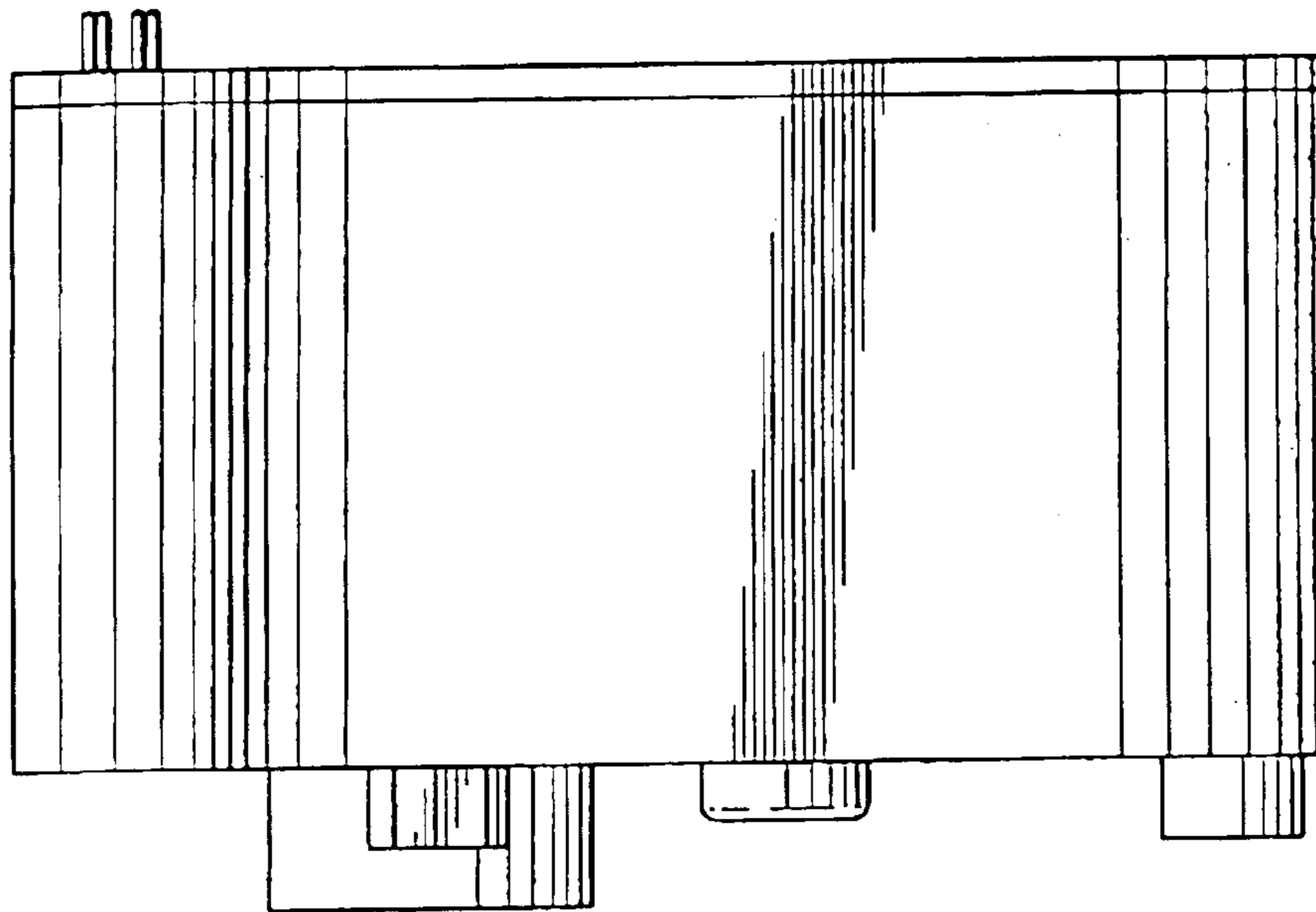


FIG. 45

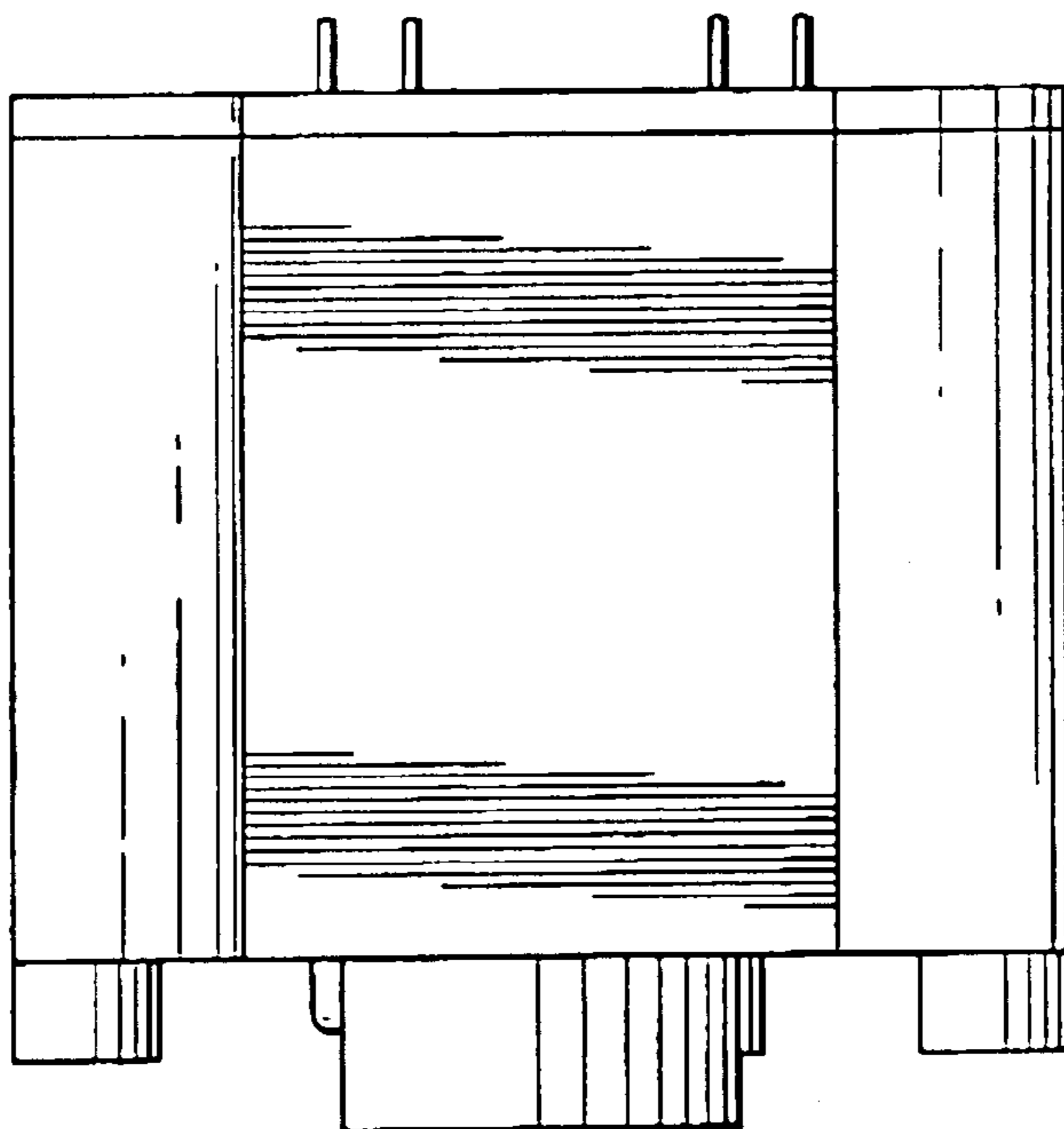


FIG. 47

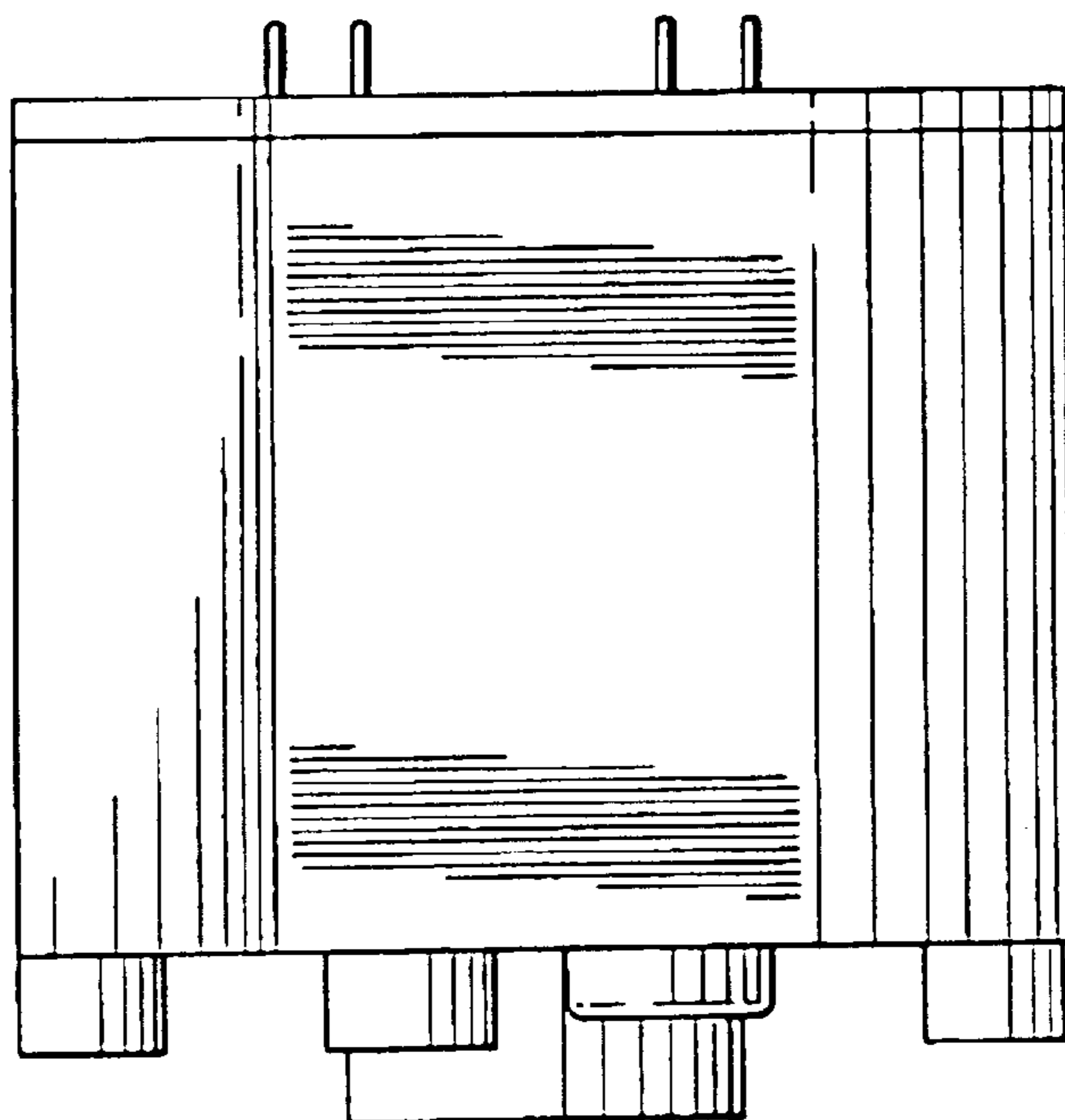


FIG. 48

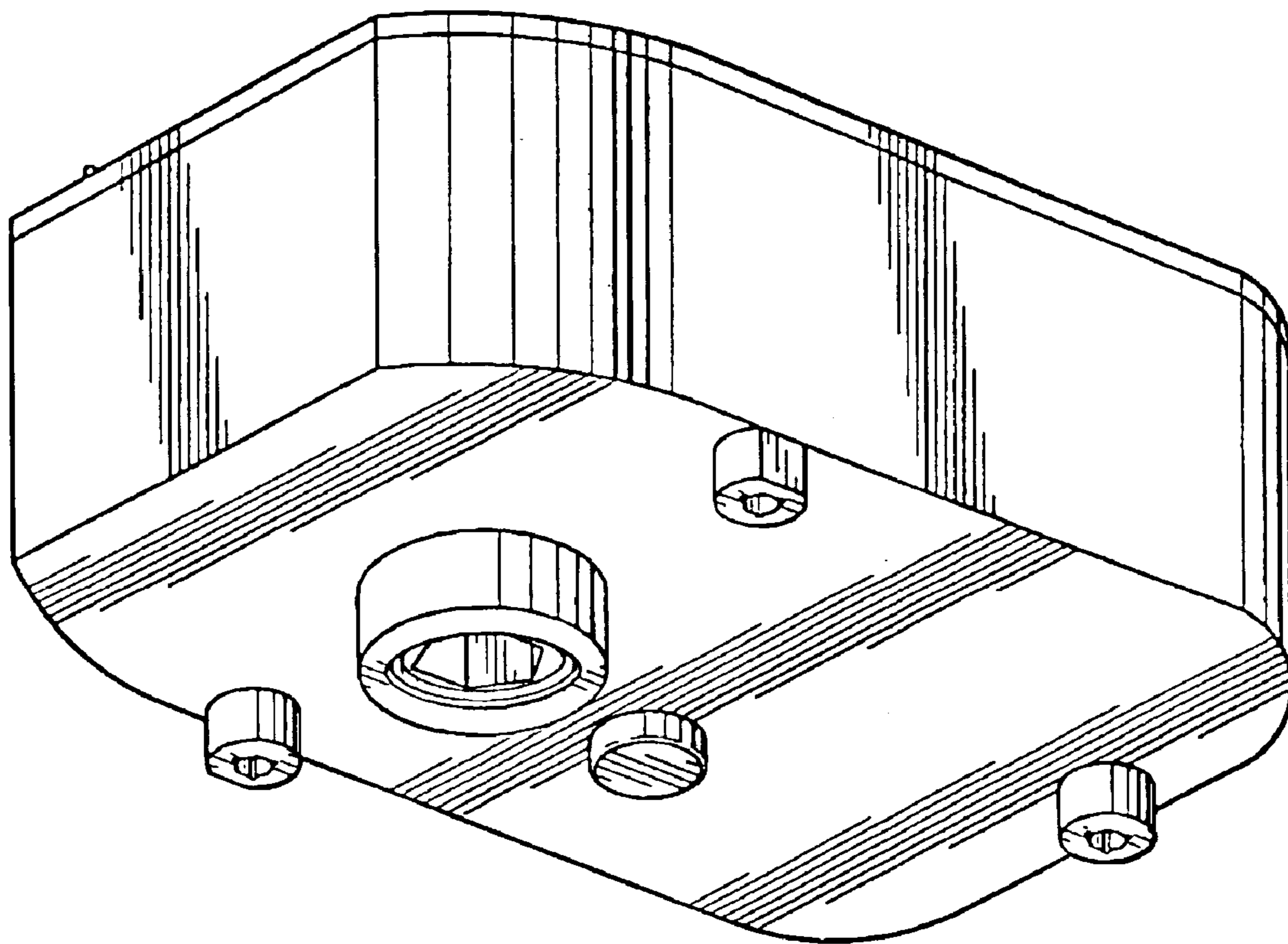


FIG. 49

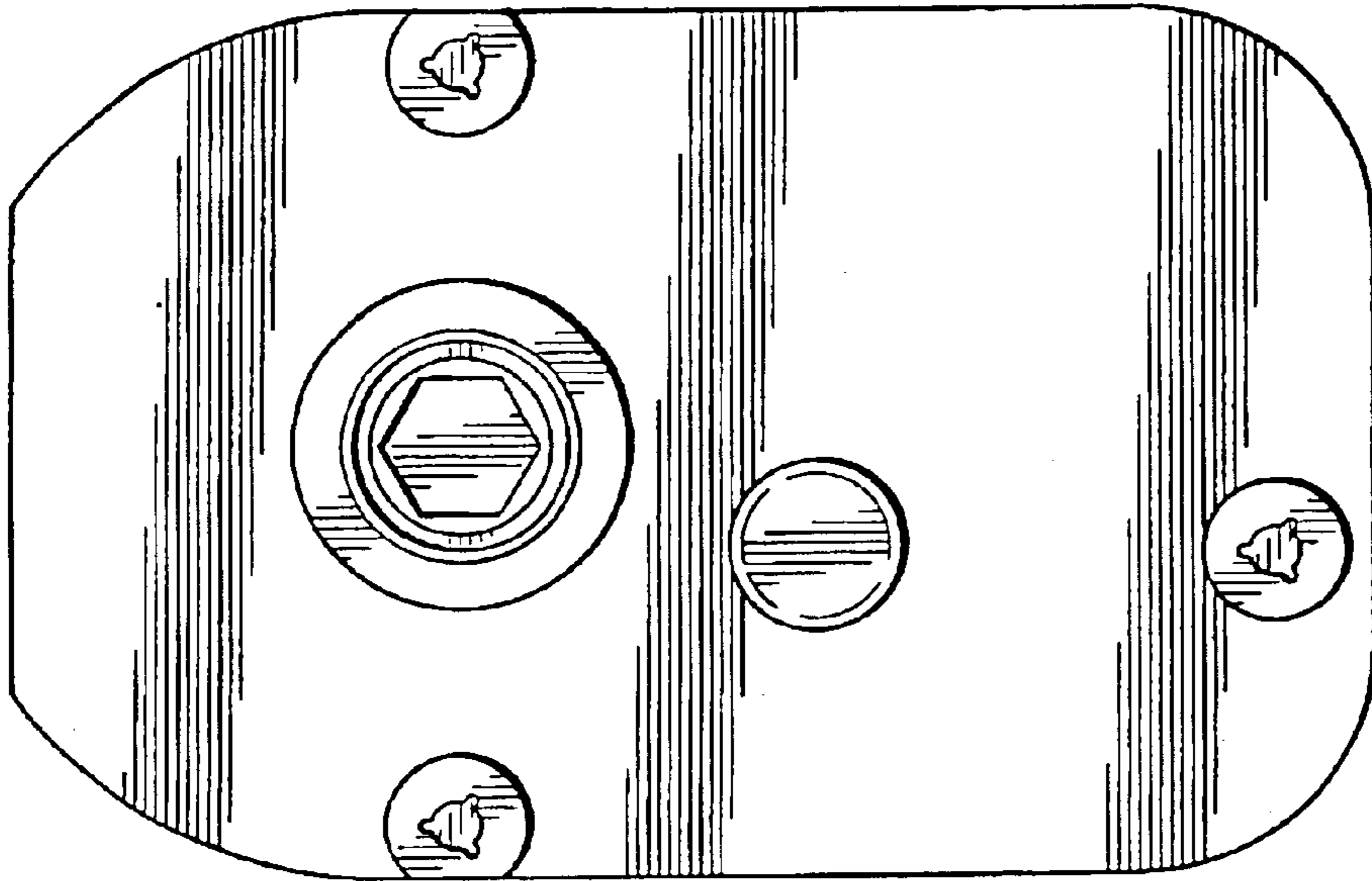


FIG. 51

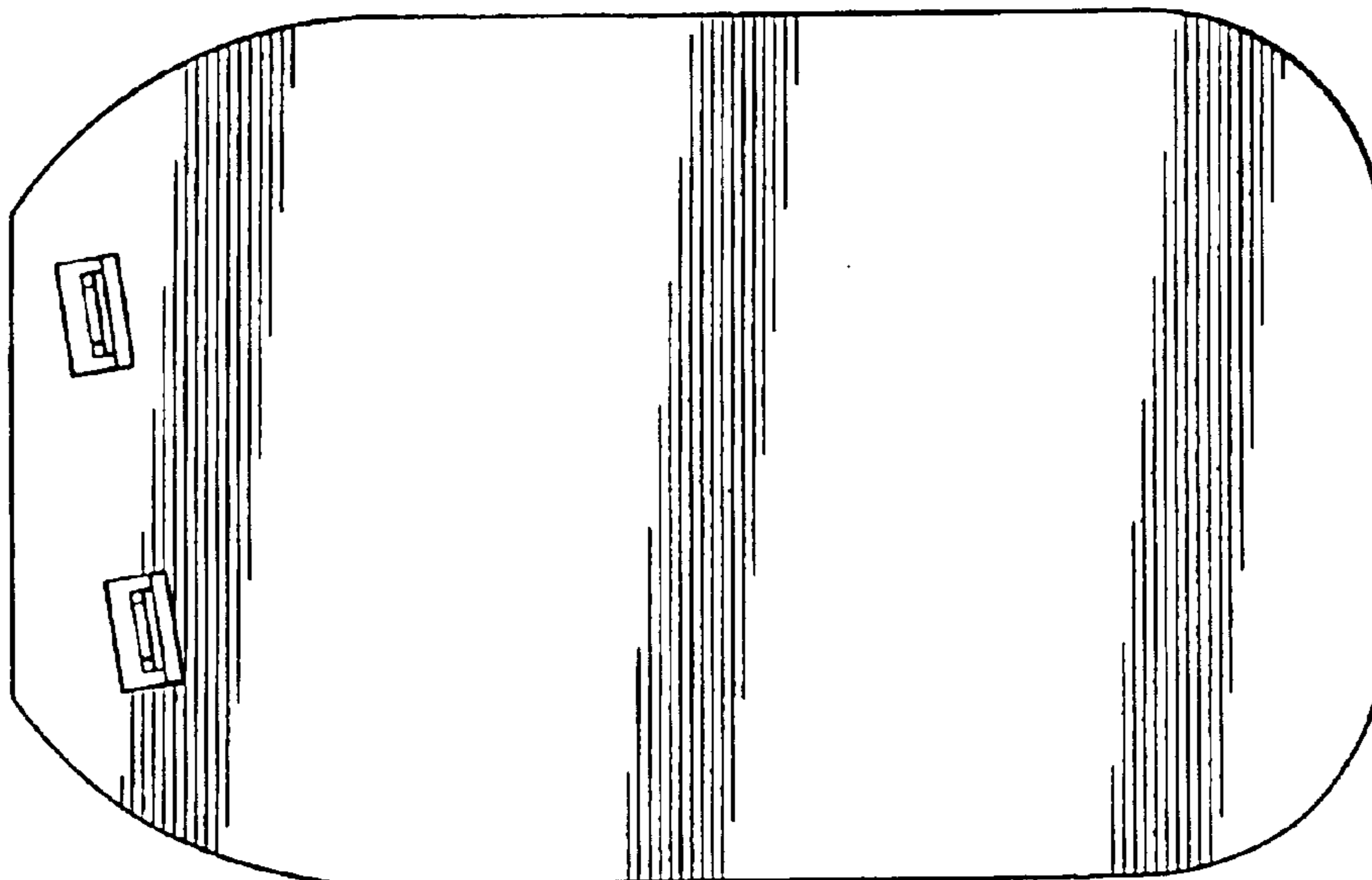


FIG. 50

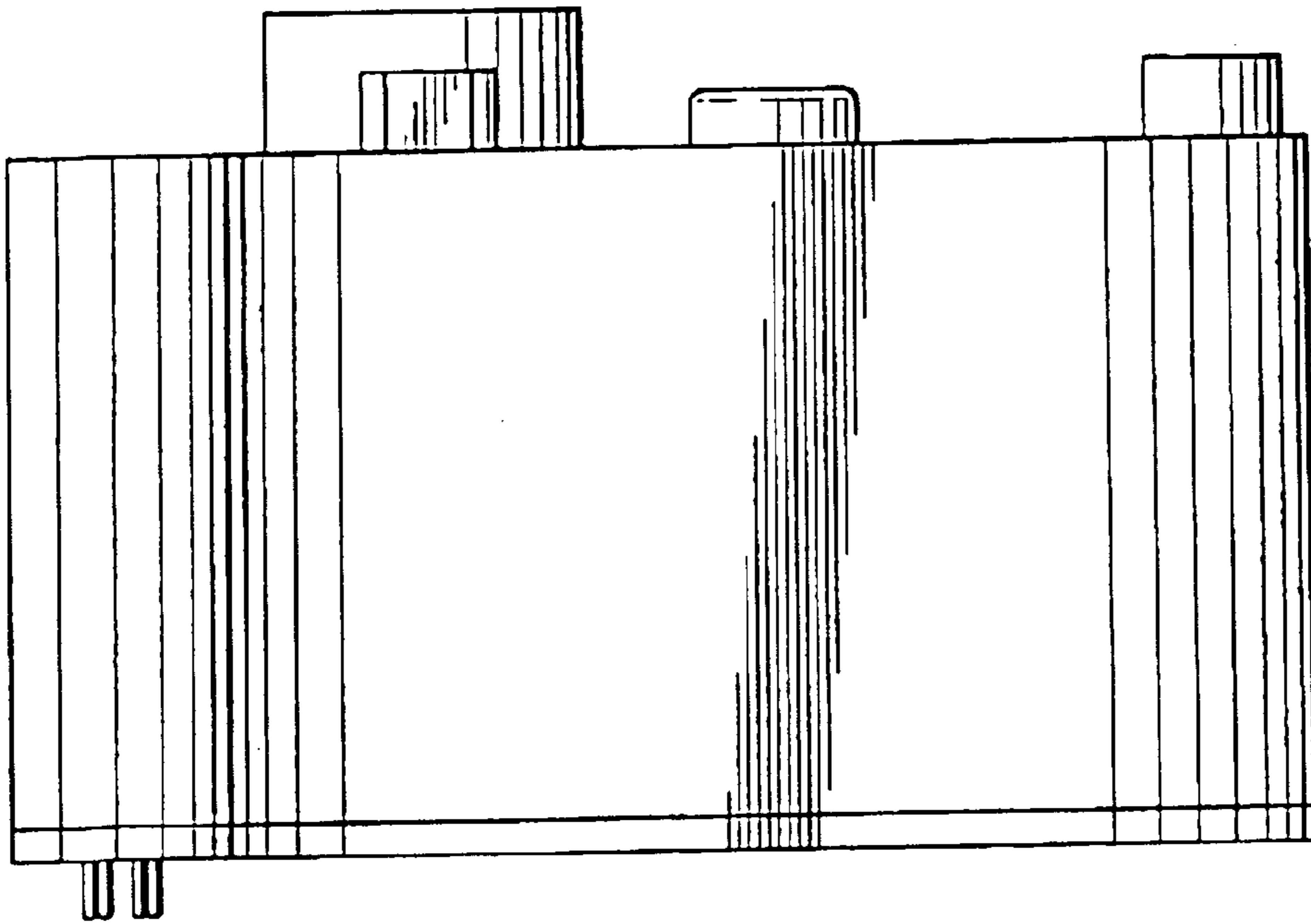


FIG. 53

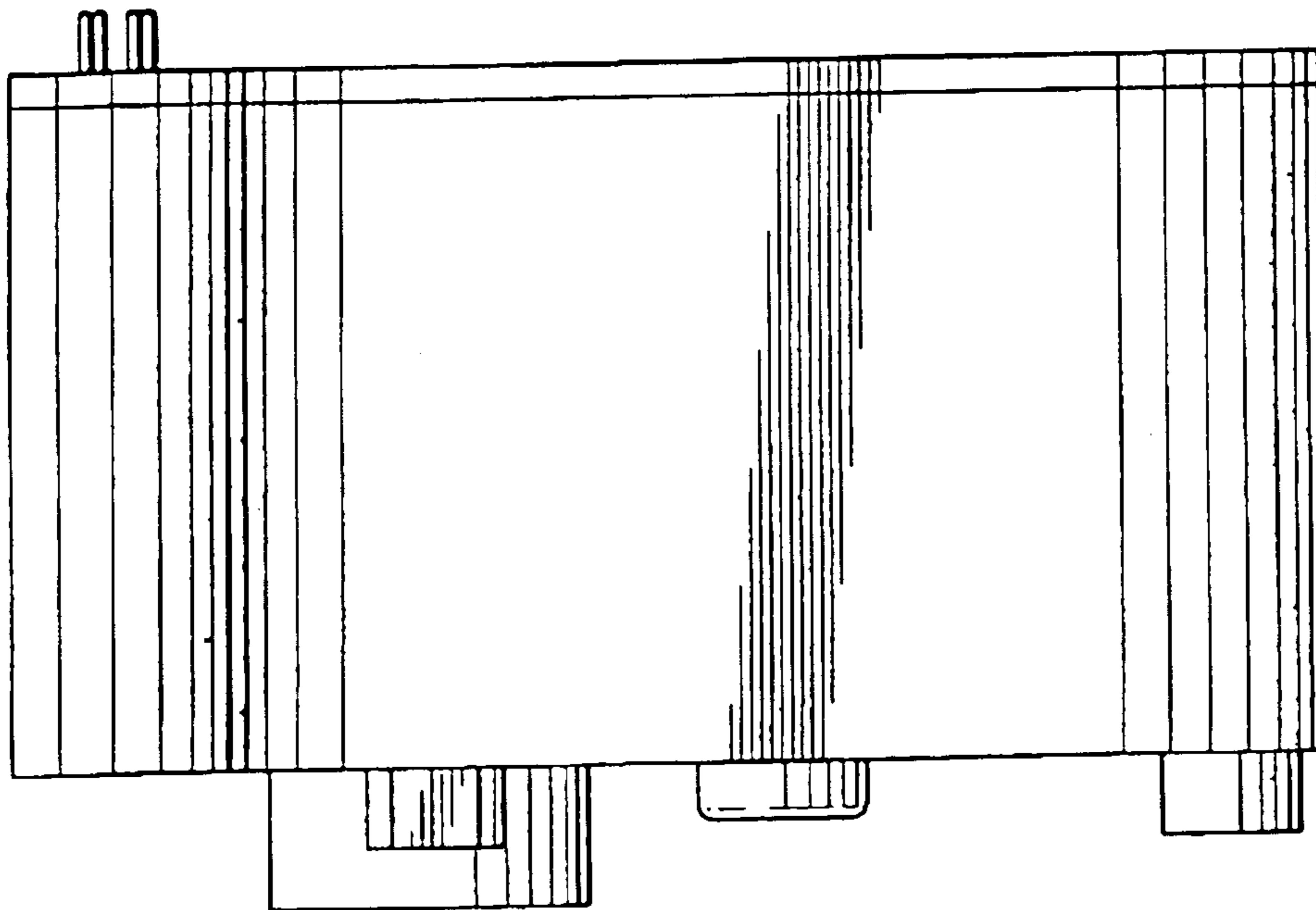


FIG. 52

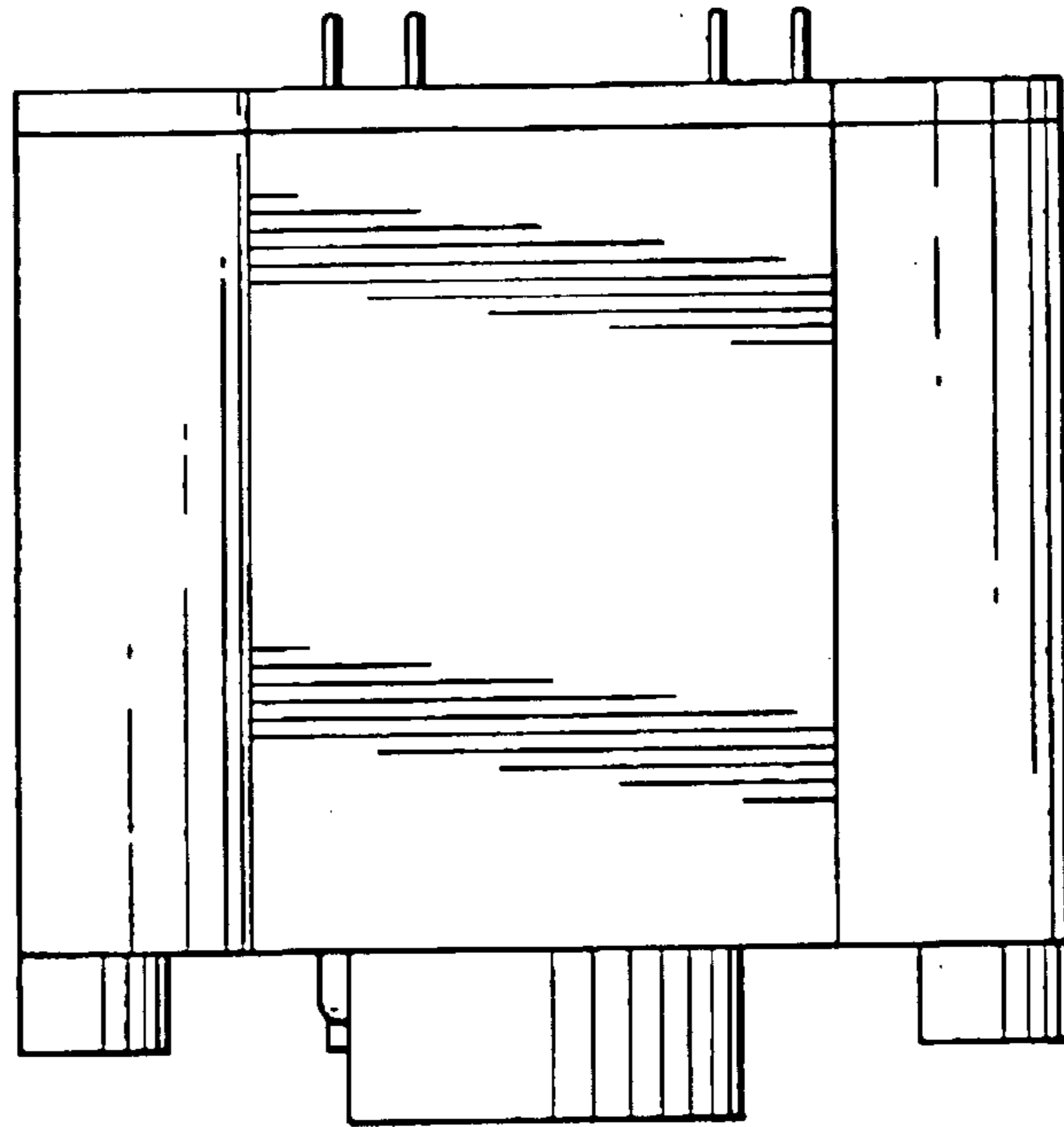


FIG. 54

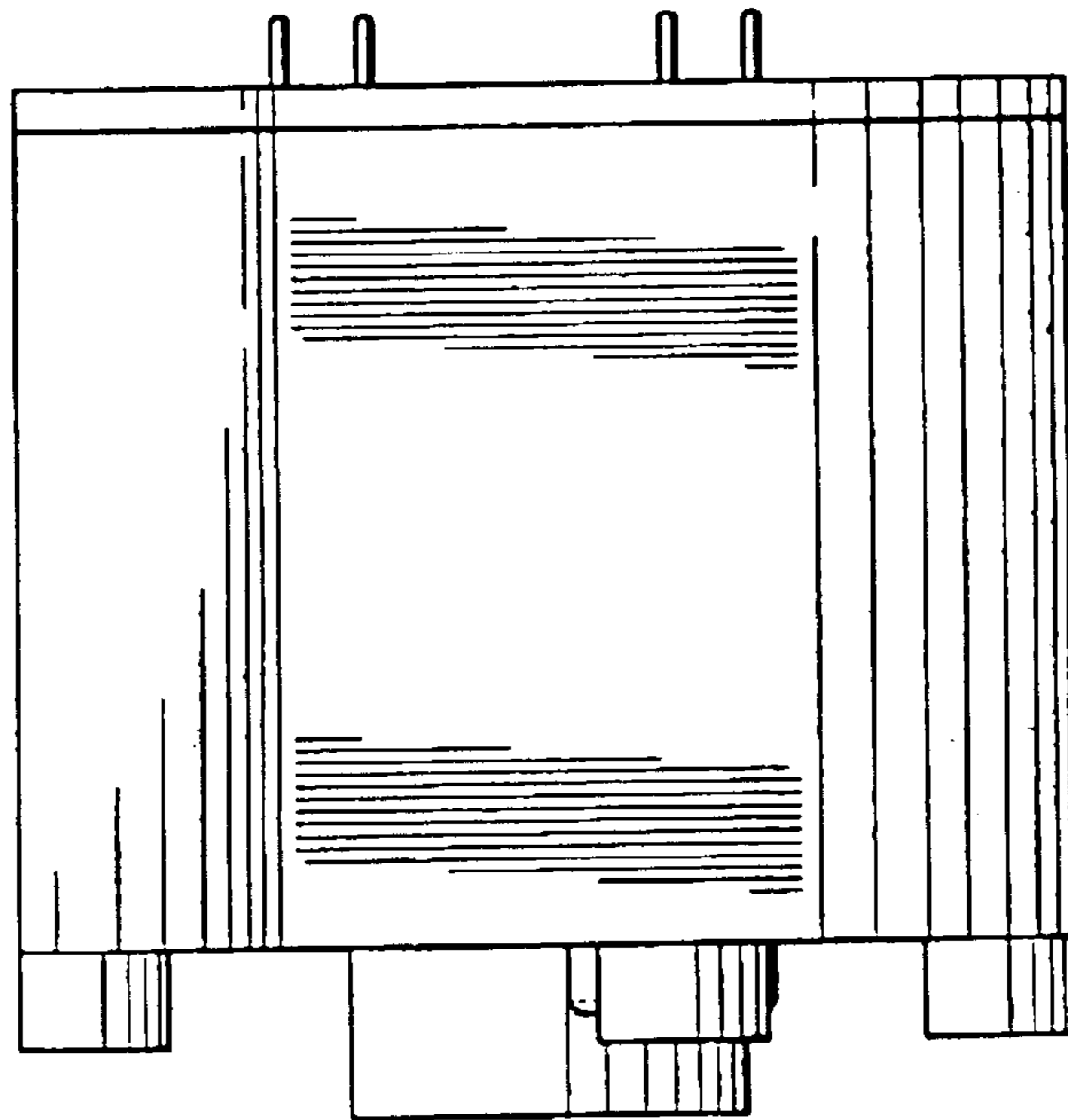


FIG. 55

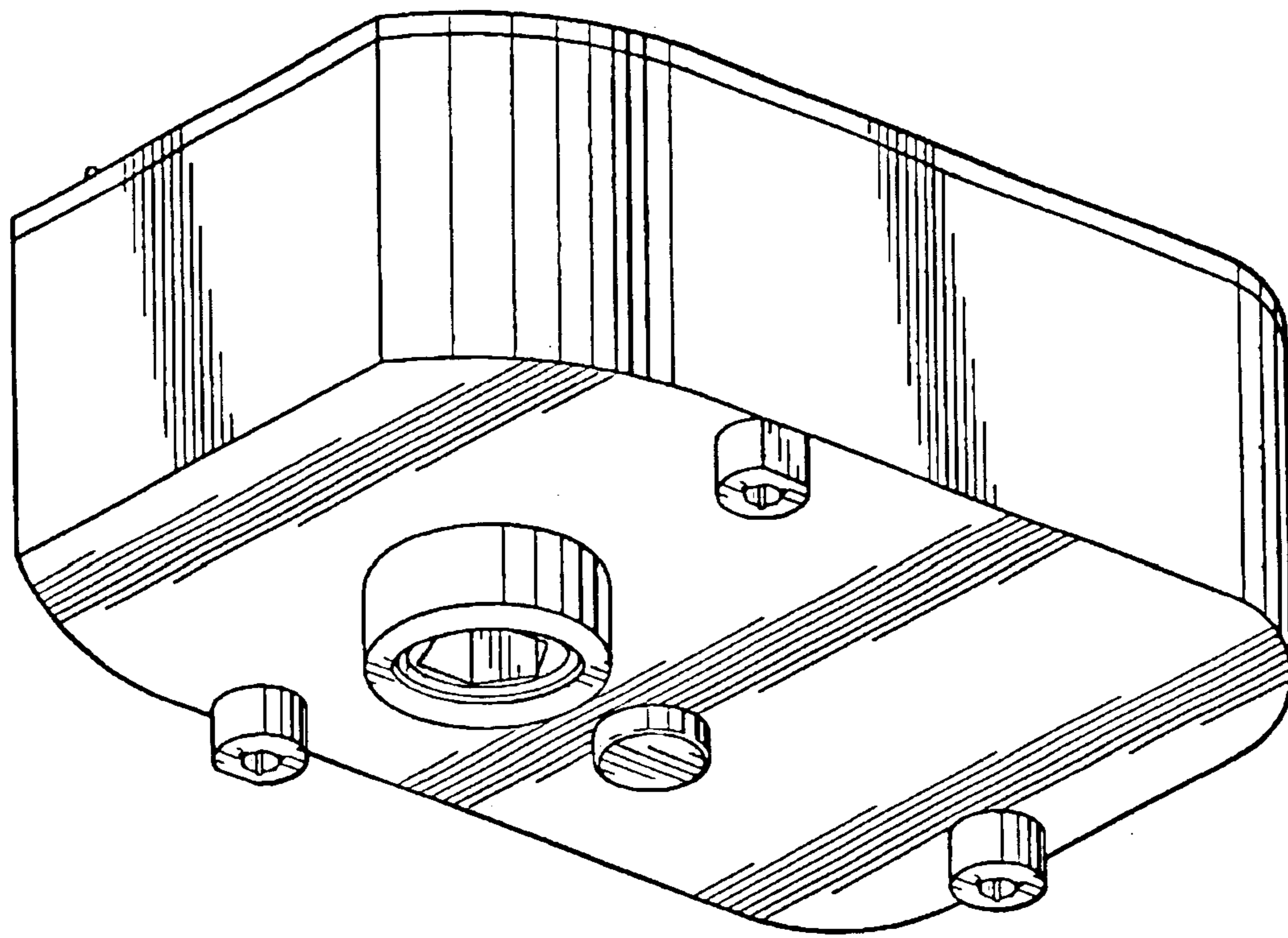


FIG. 56

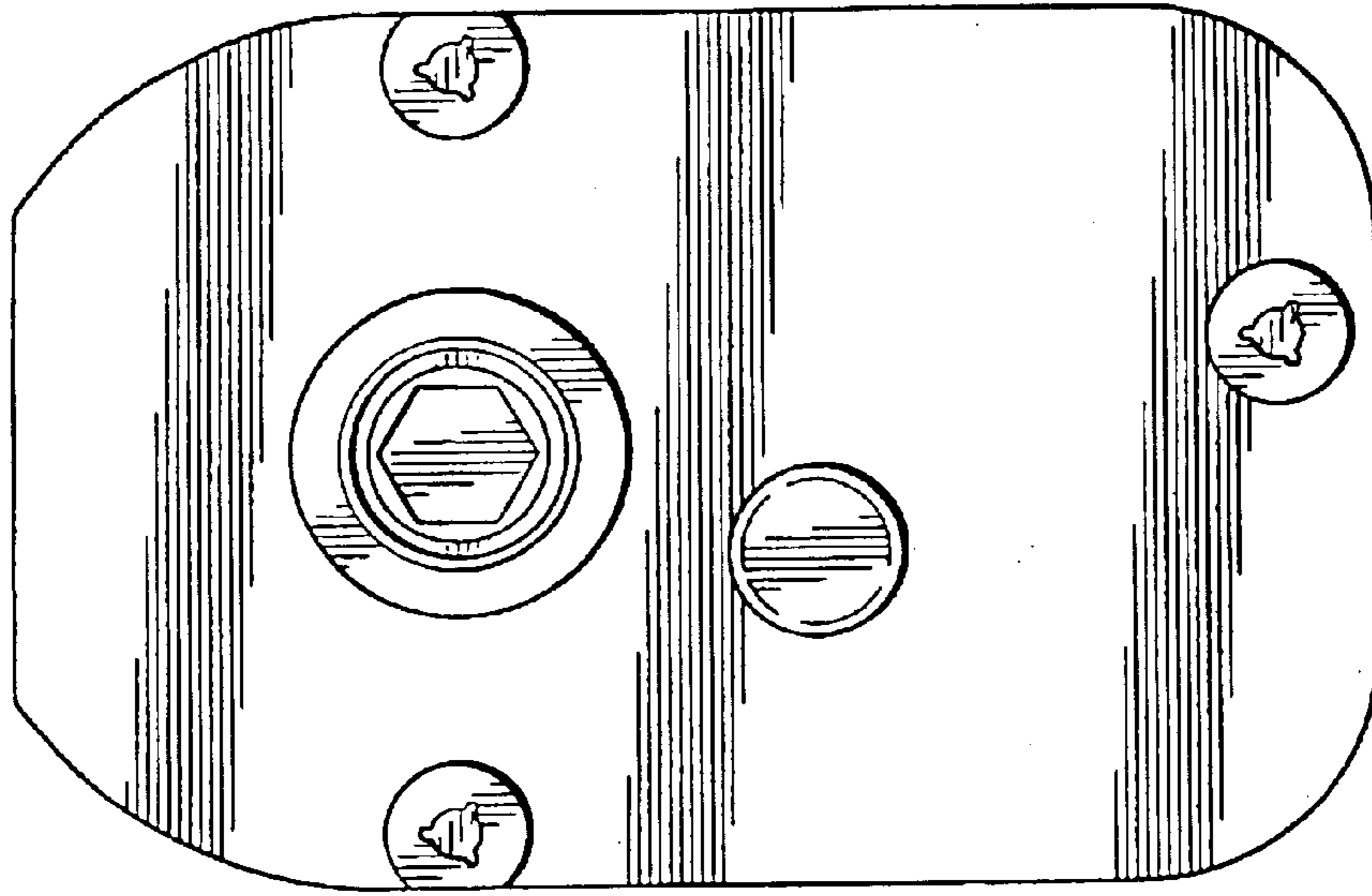


FIG. 58

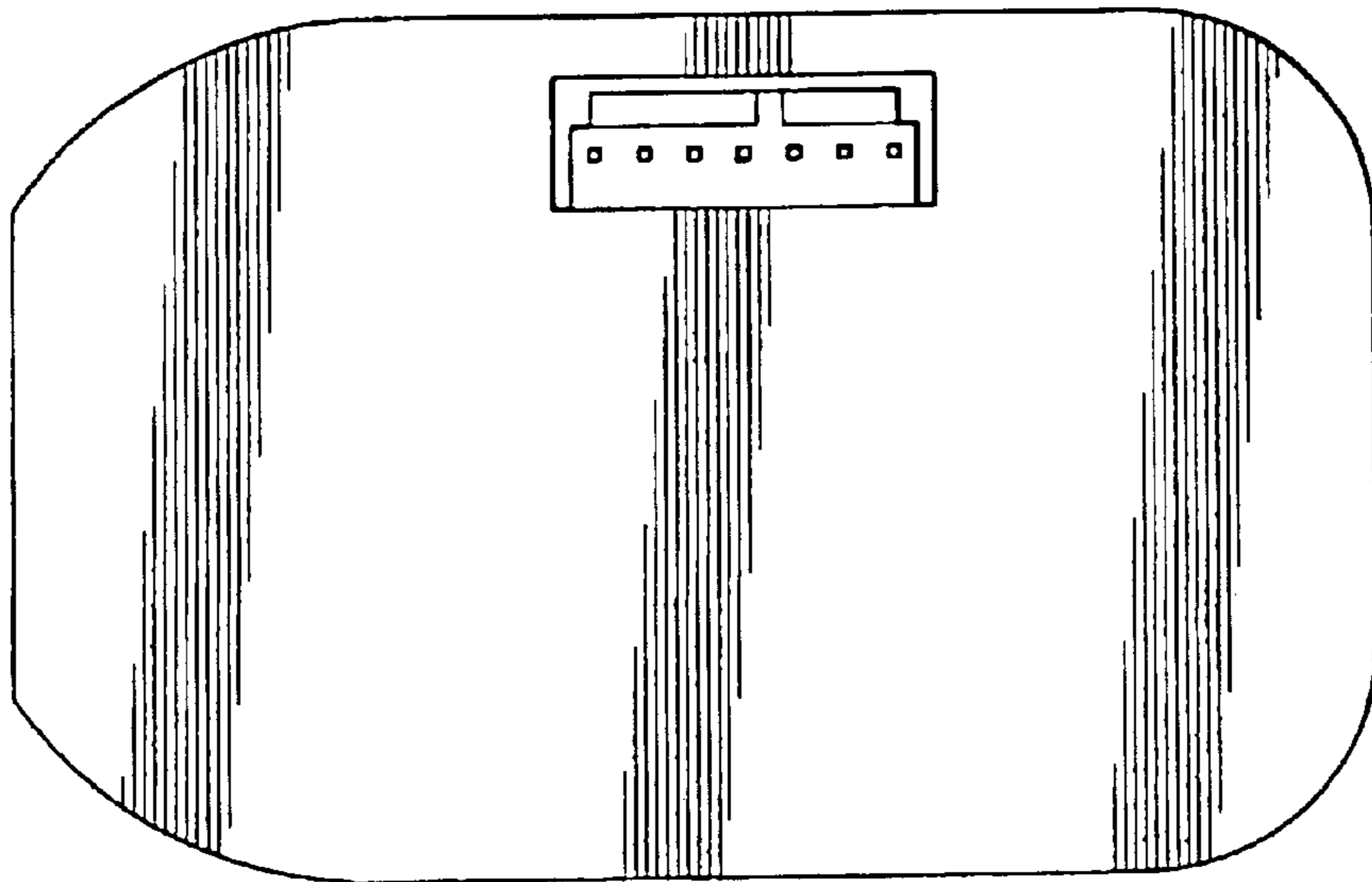


FIG. 57

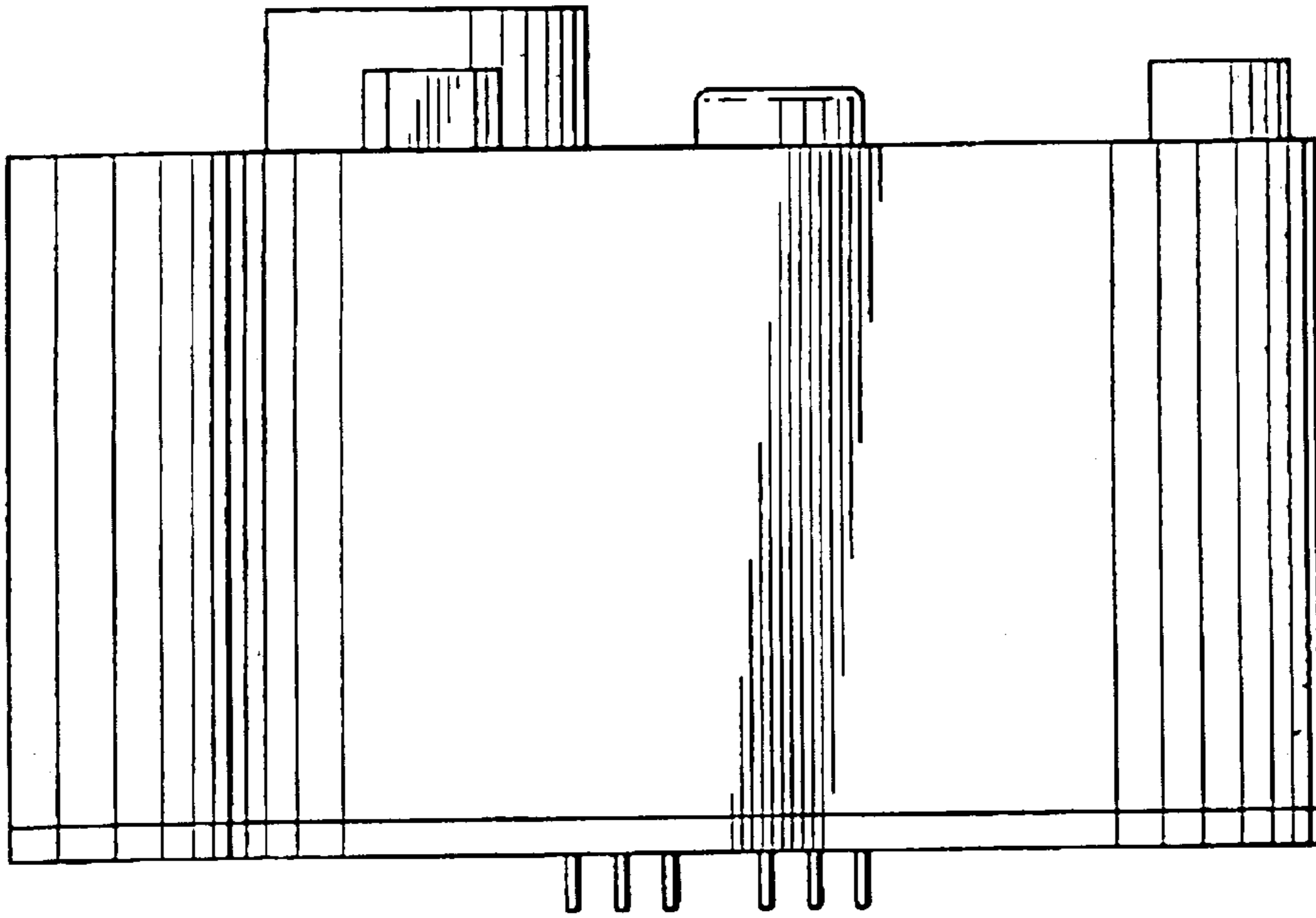


FIG. 59

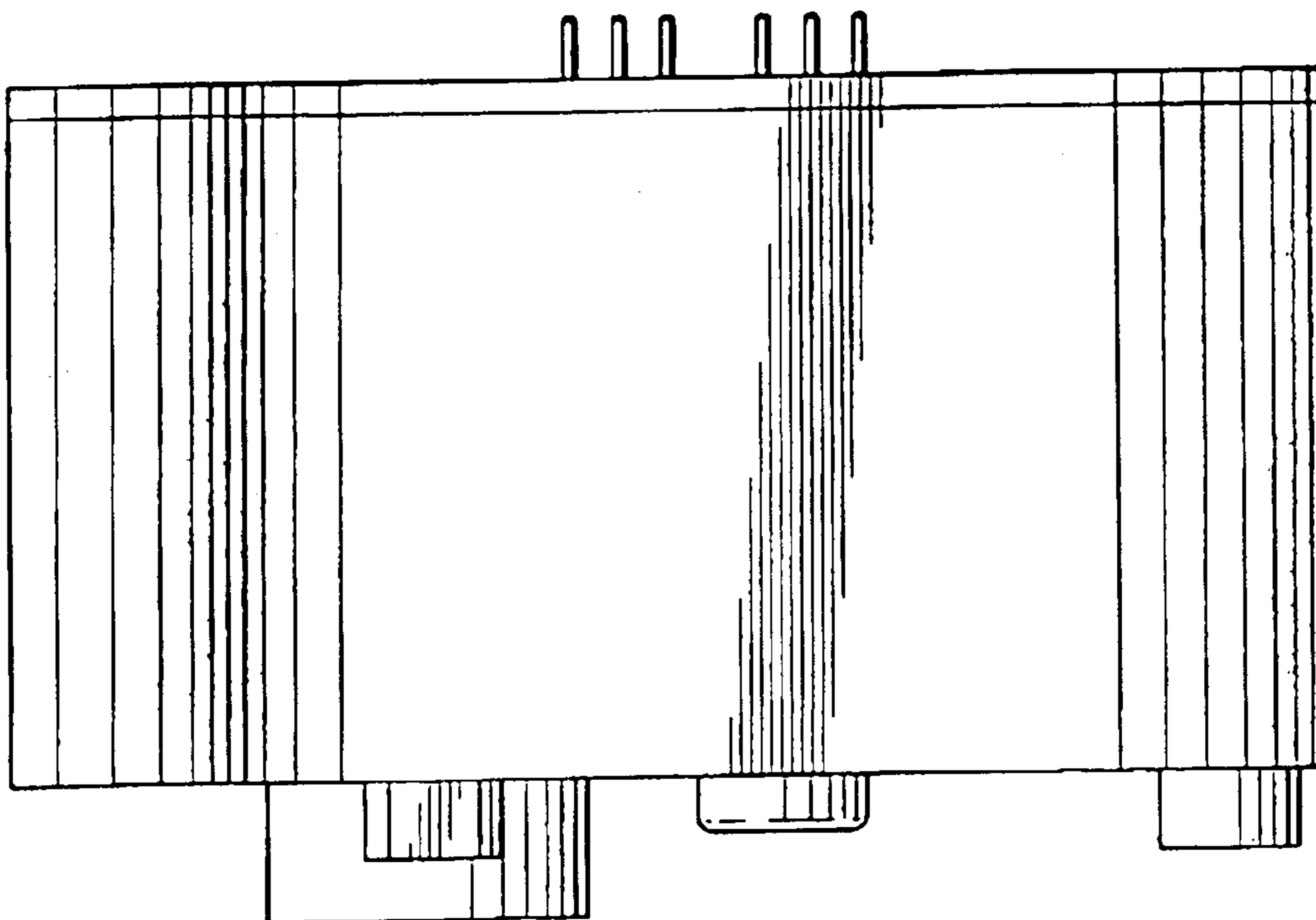


FIG. 60

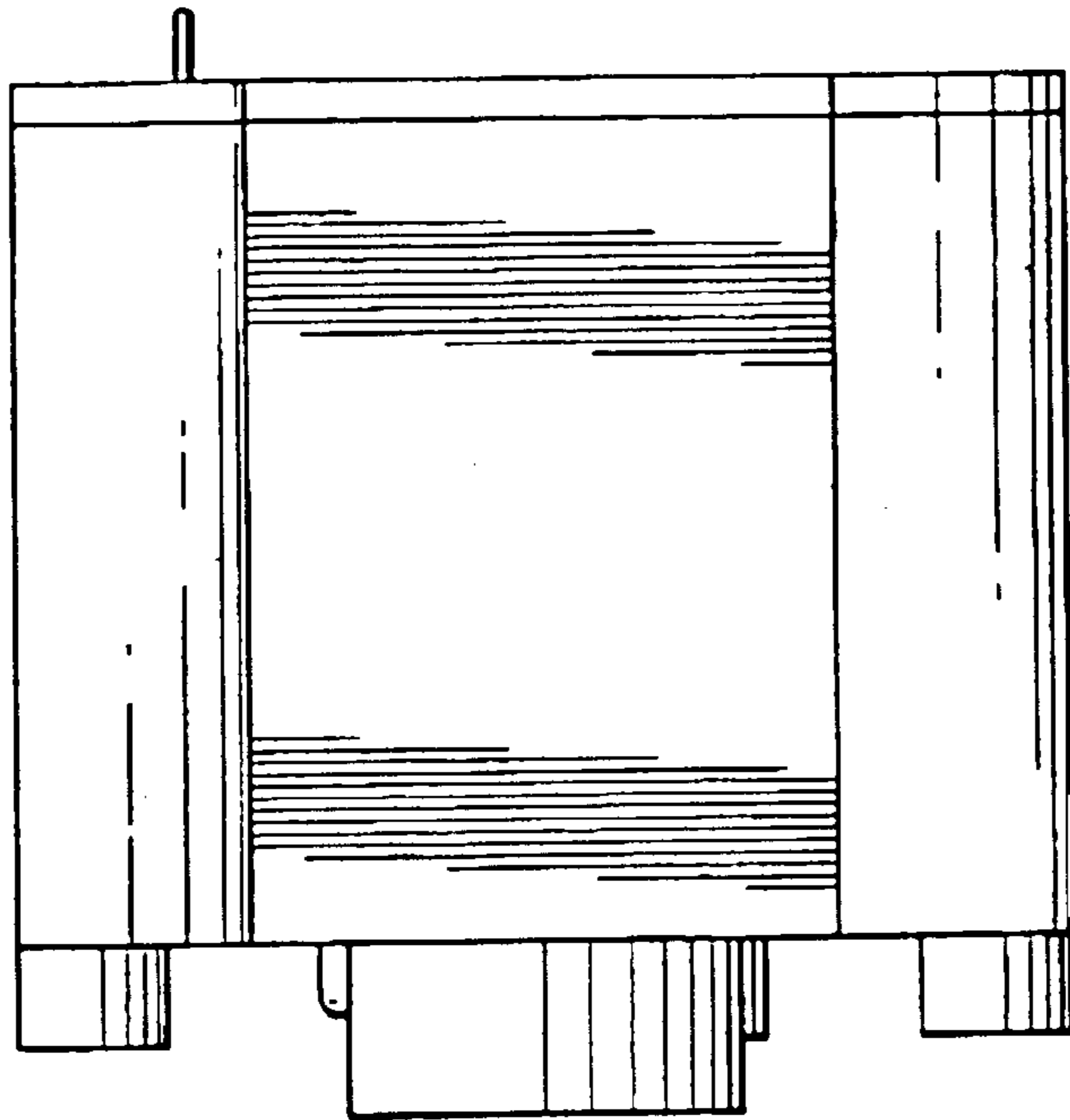


FIG. 61

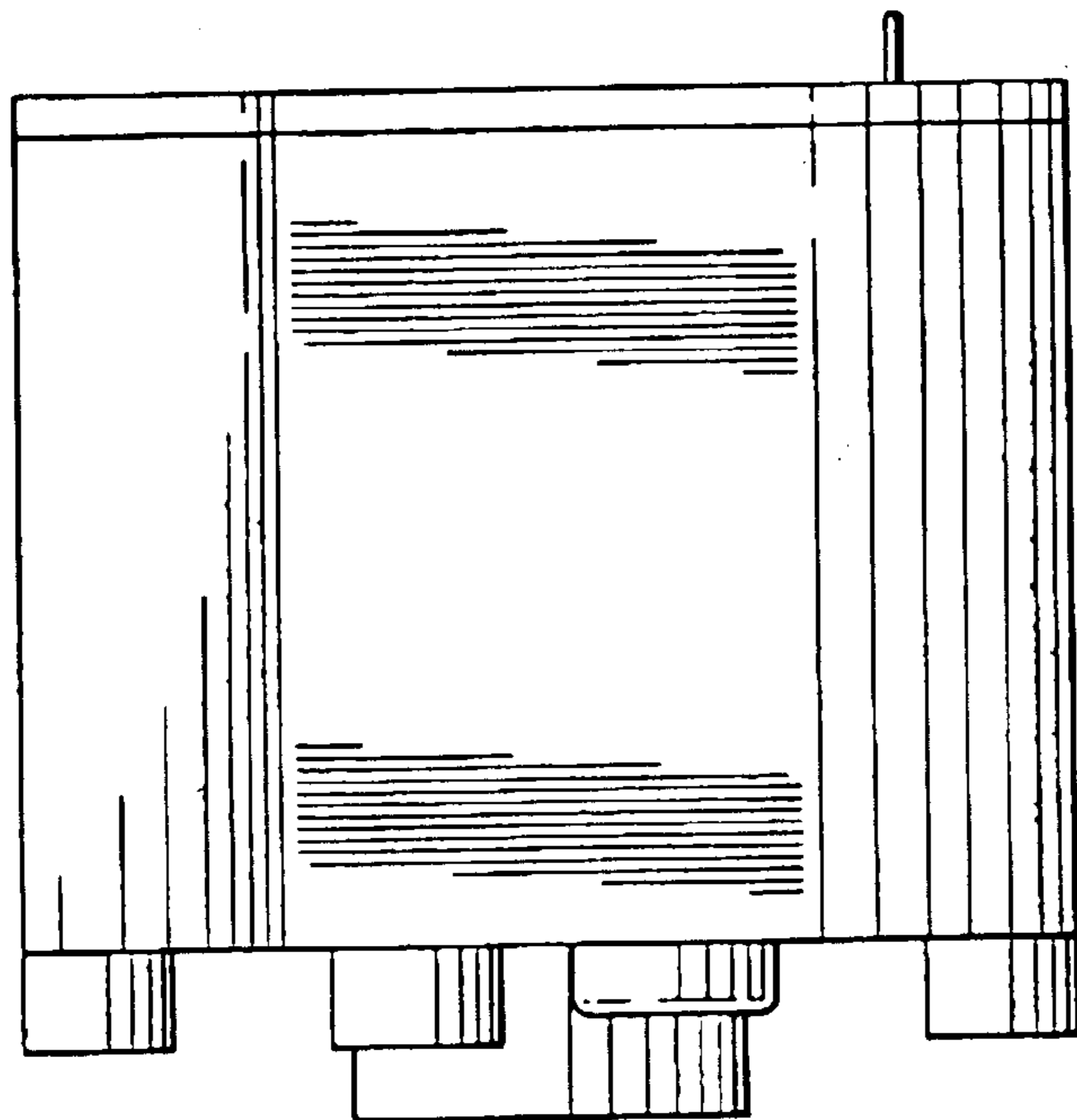


FIG. 62

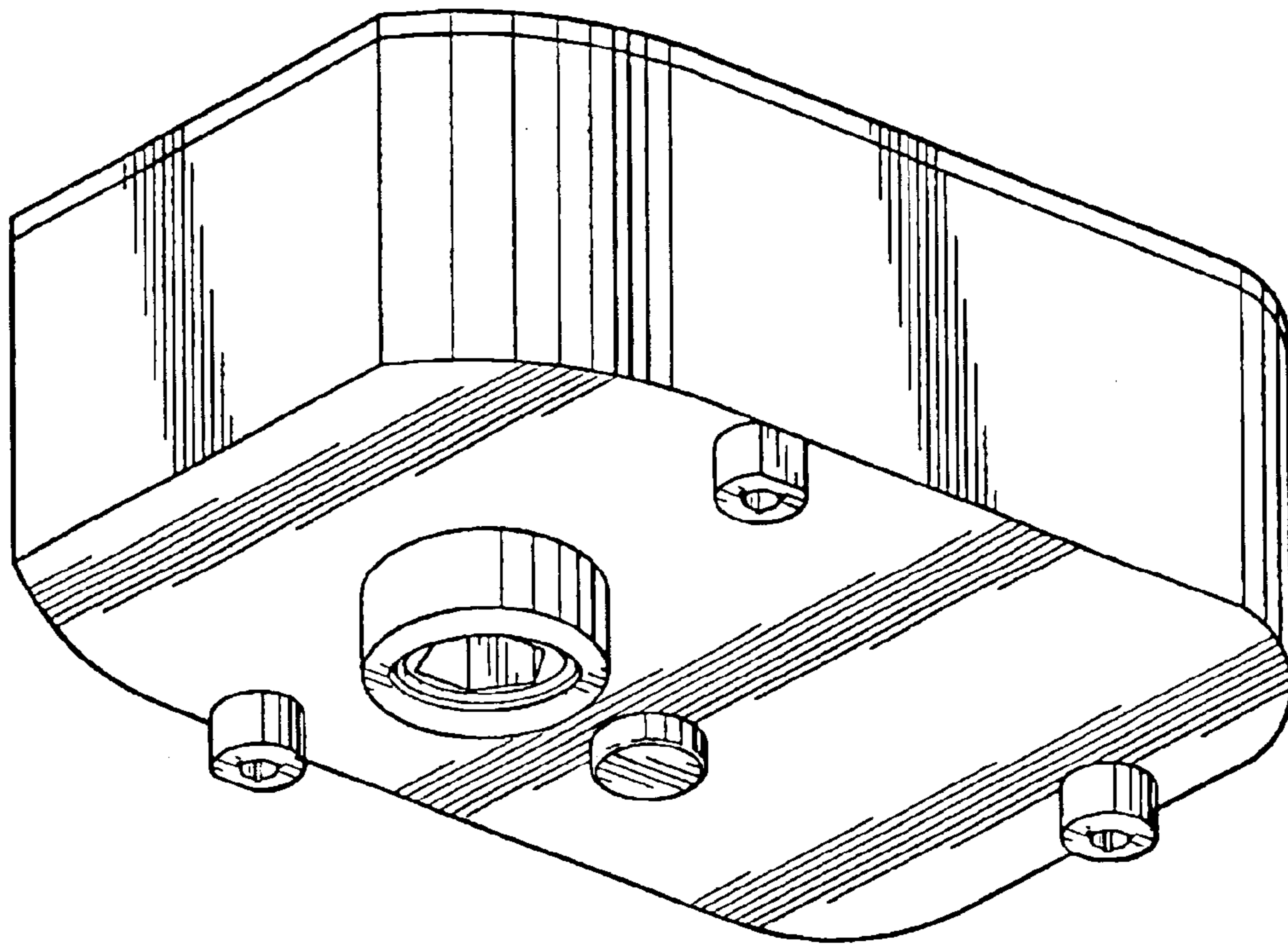


FIG. 63

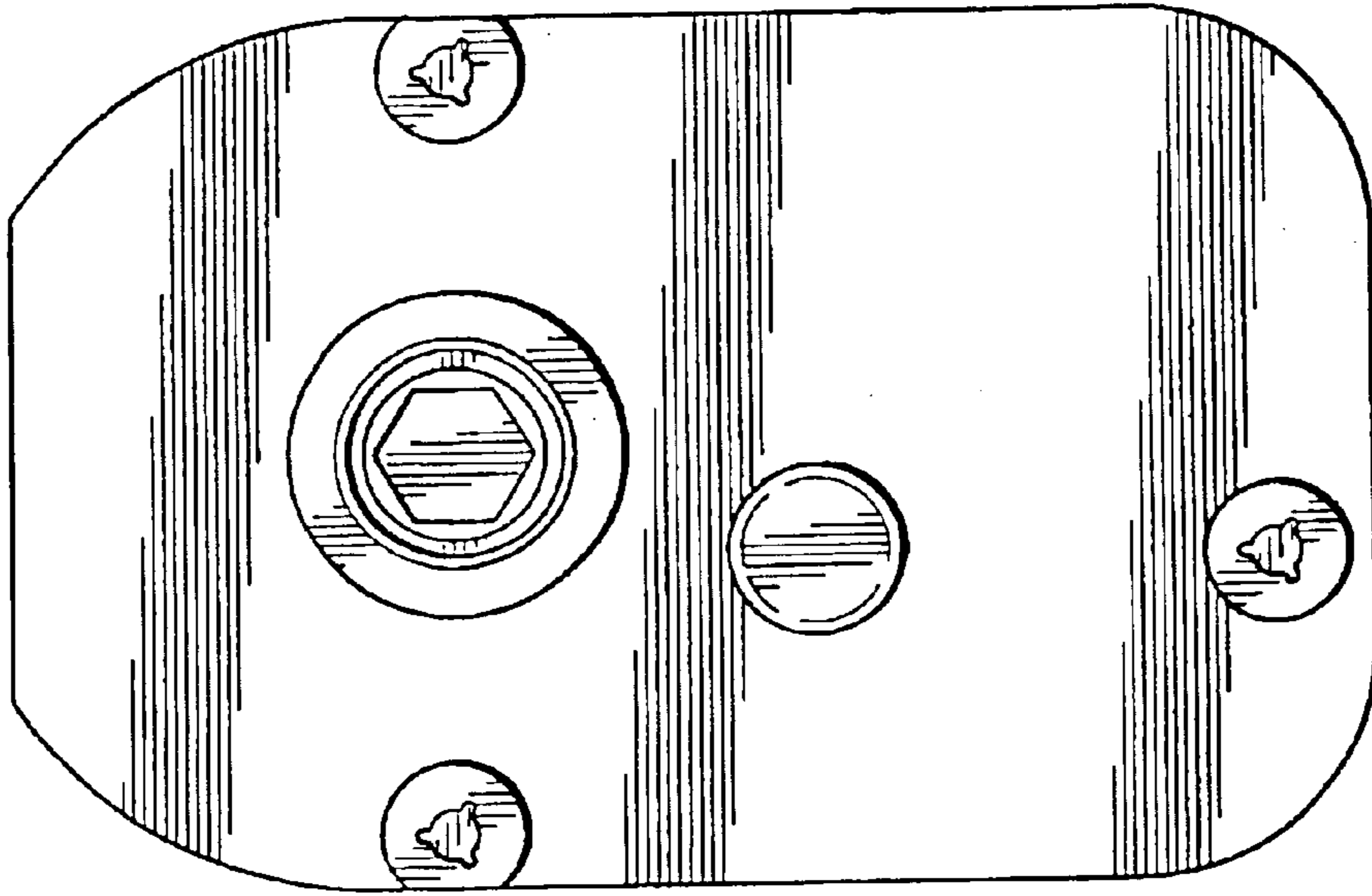


FIG. 65

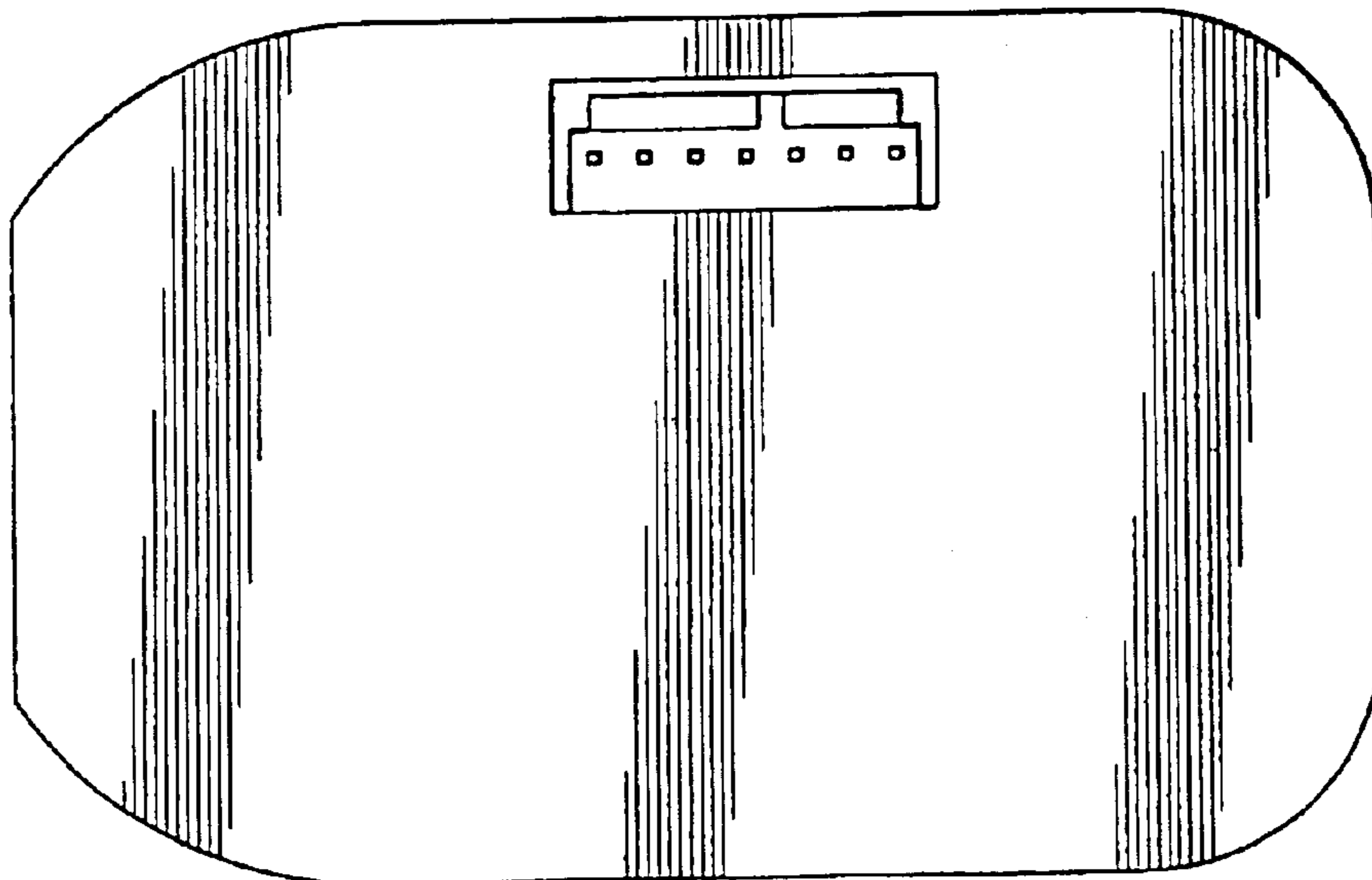


FIG. 64

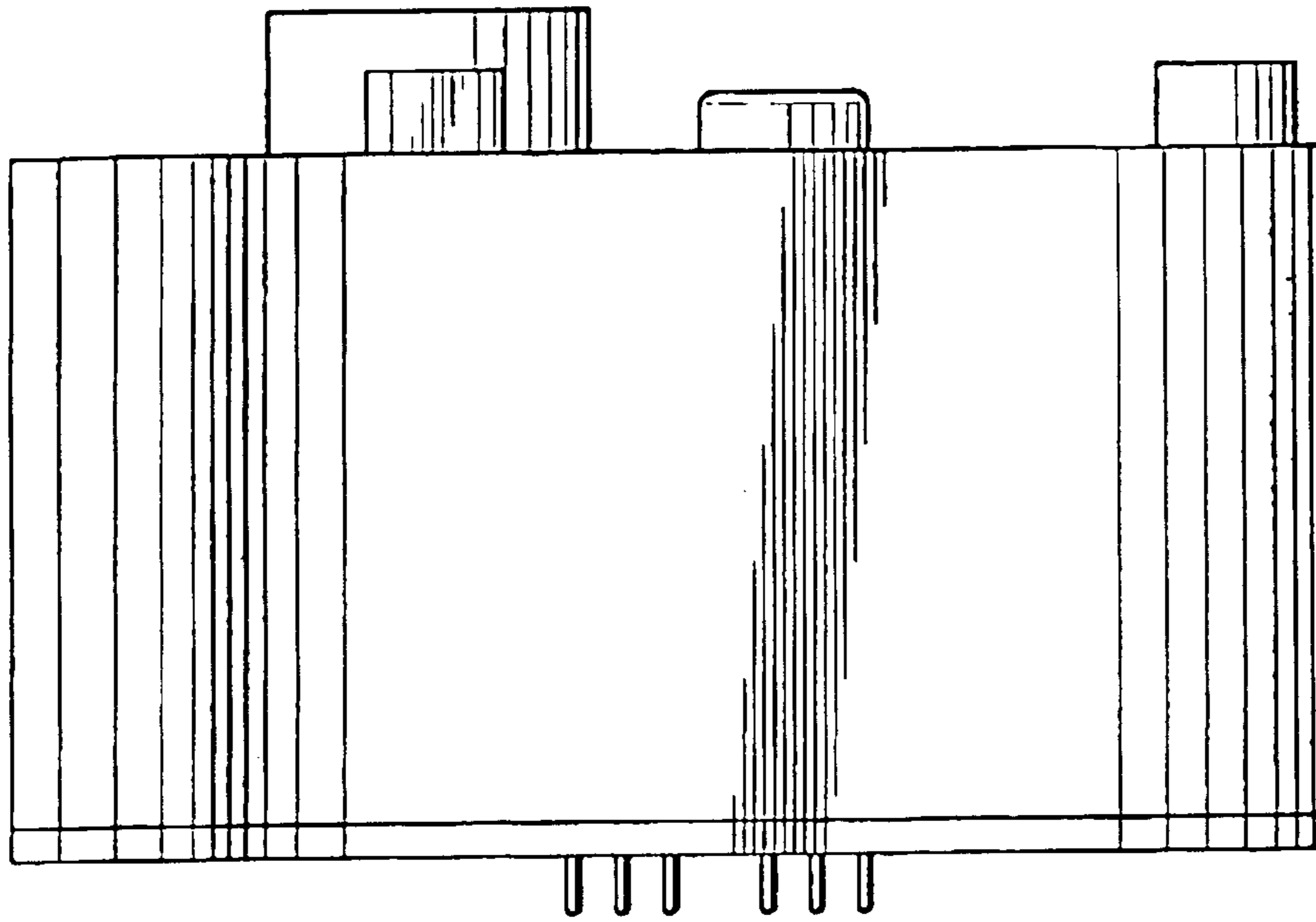


FIG. 67

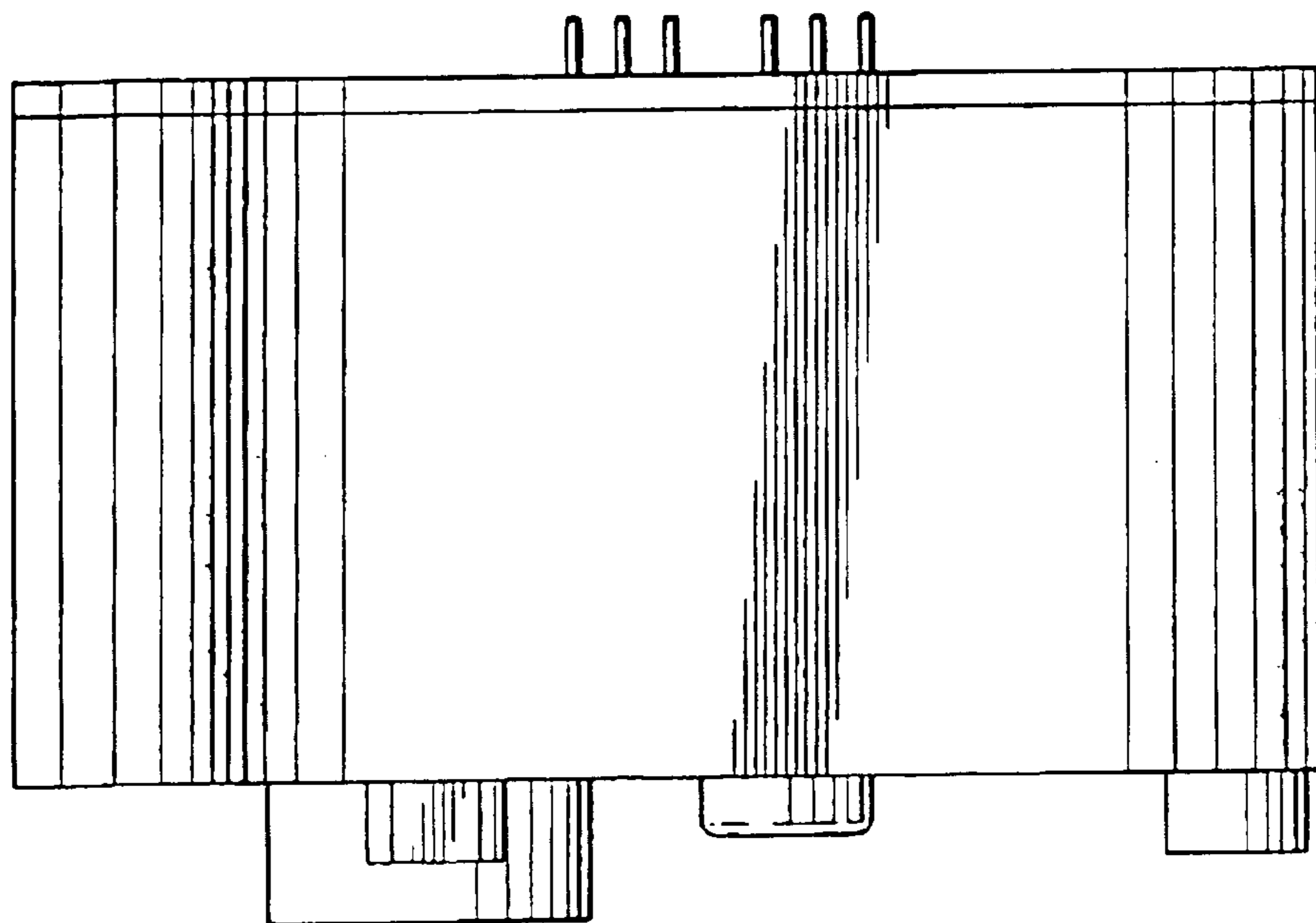


FIG. 66

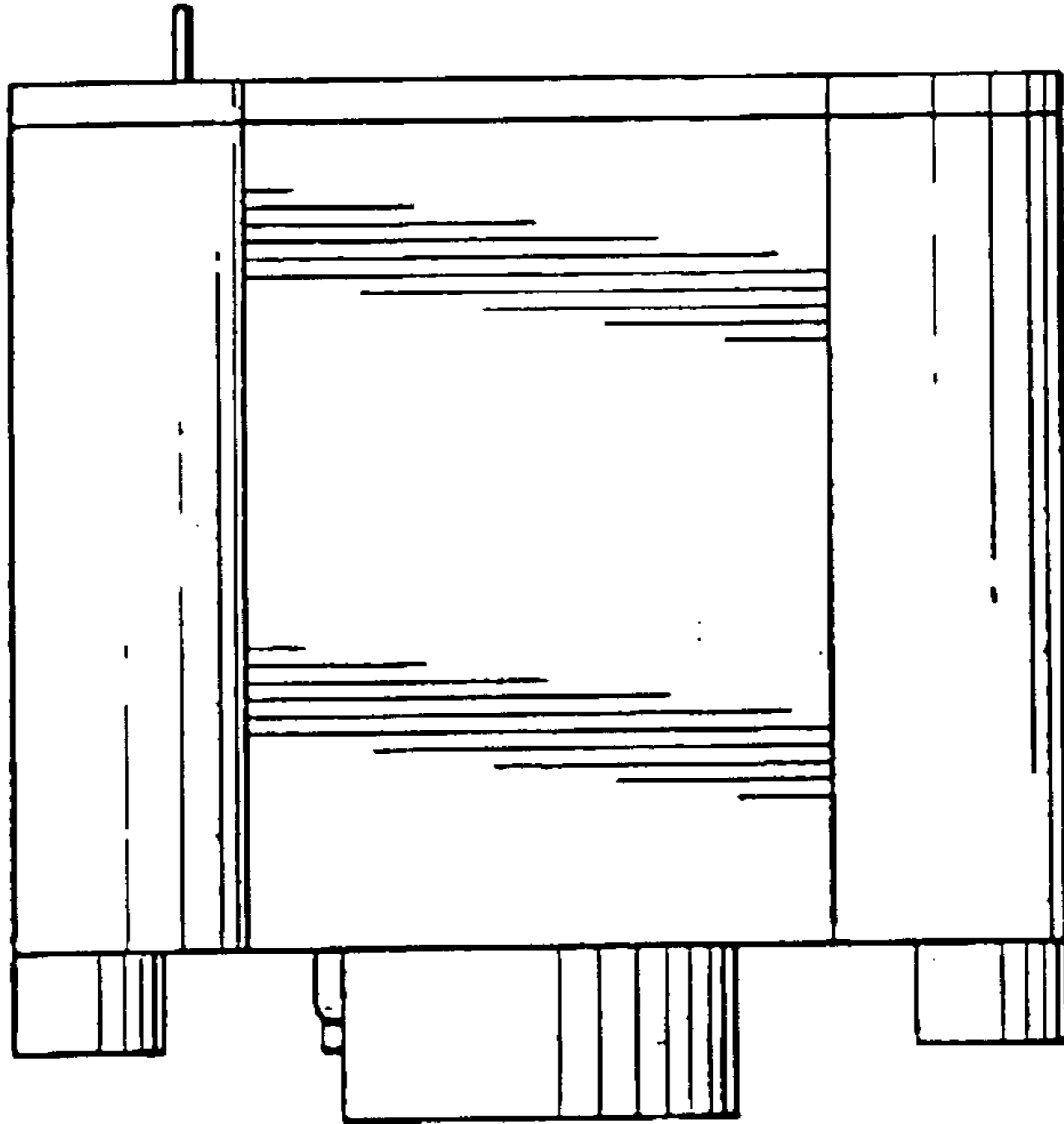


FIG. 68

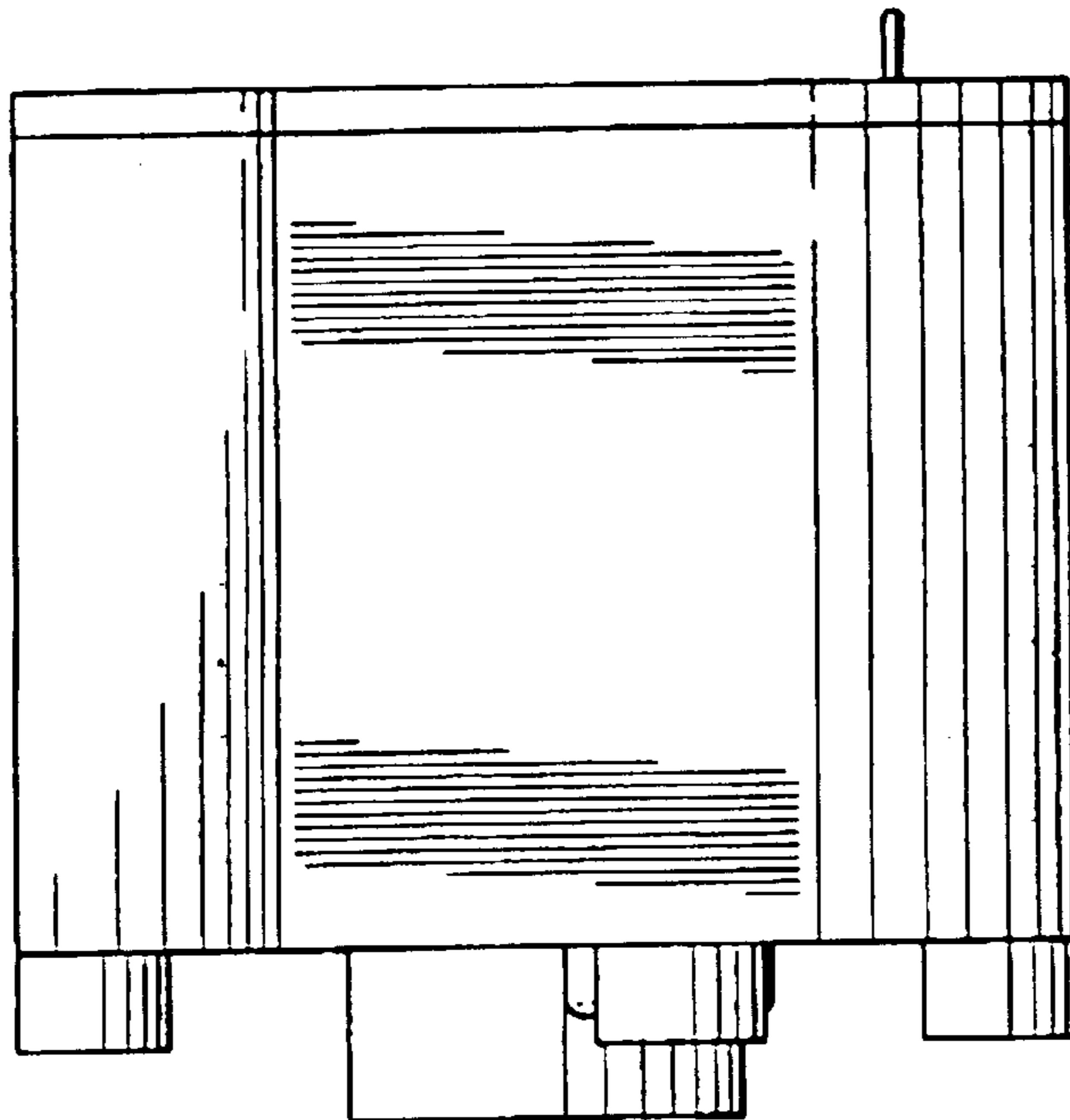


FIG. 69

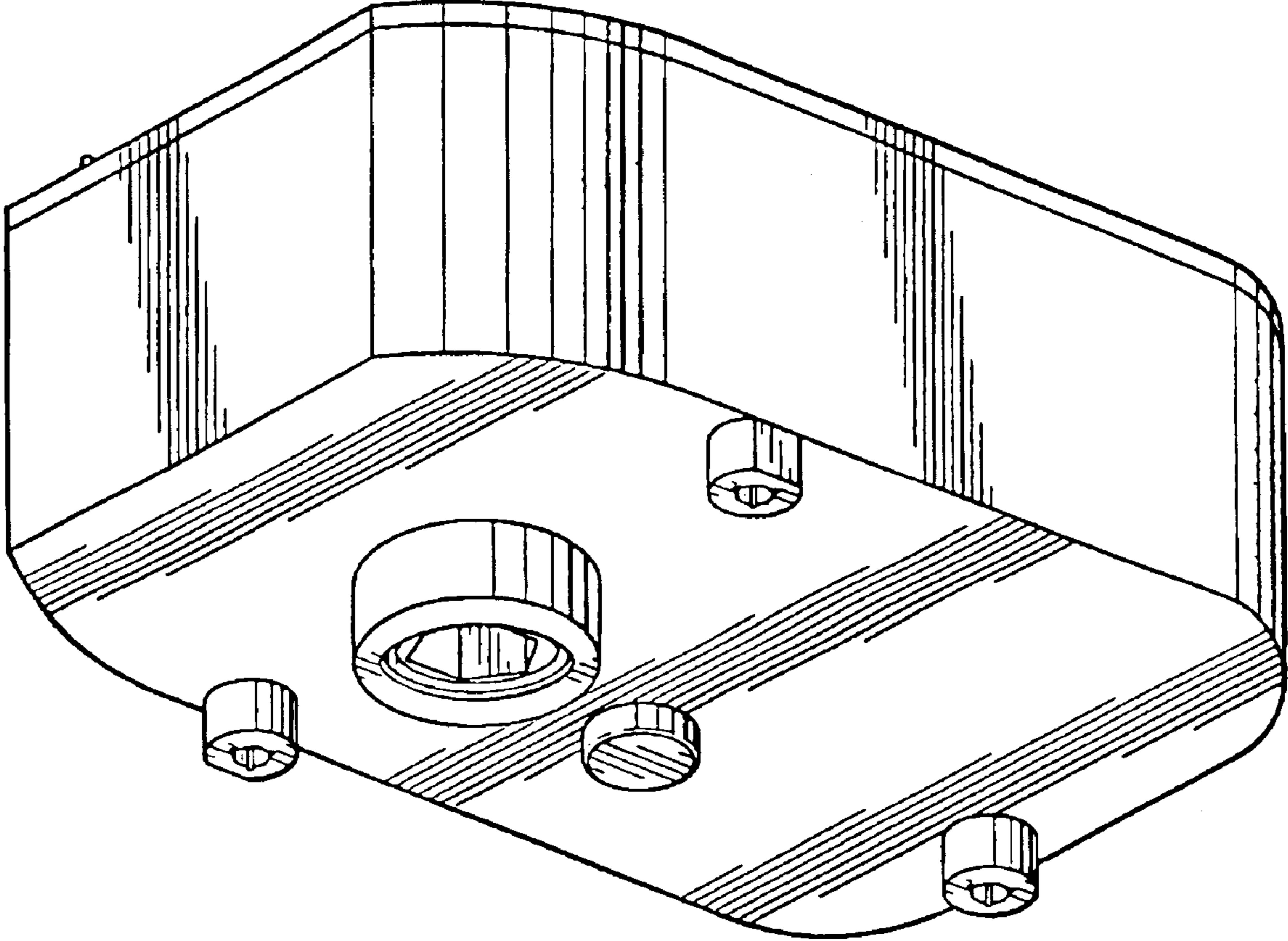


FIG. 70

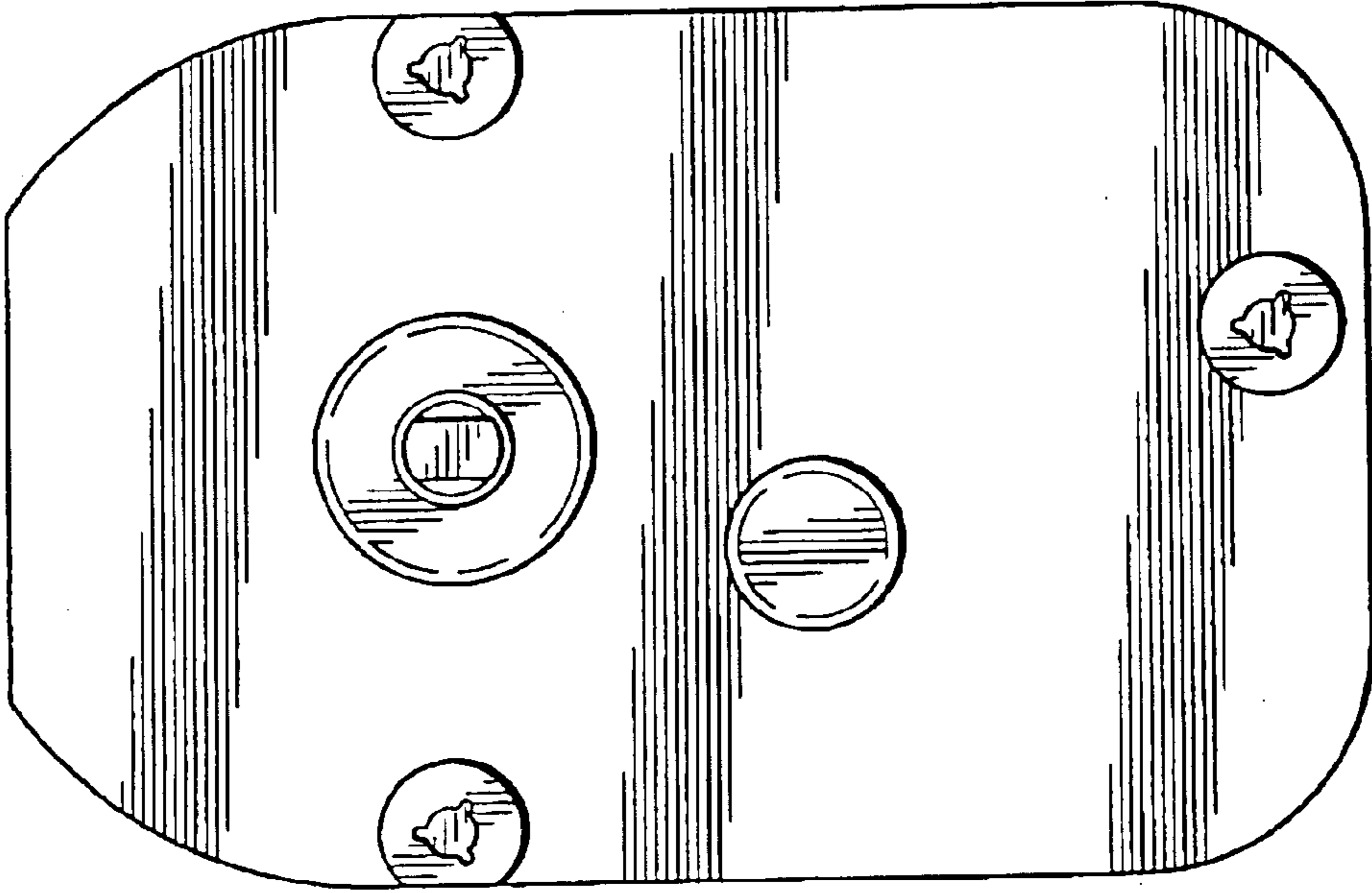


FIG. 71

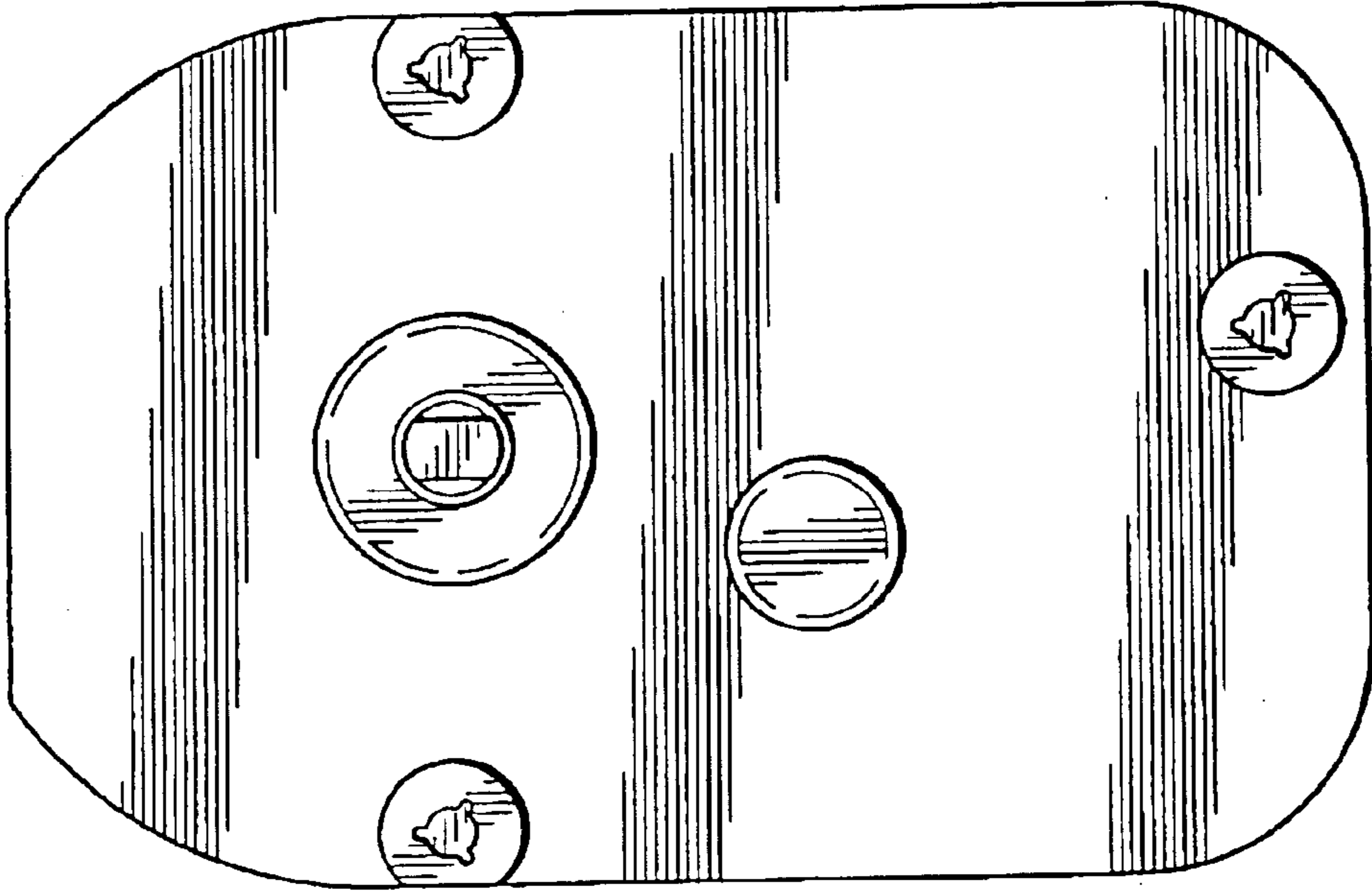


FIG. 72

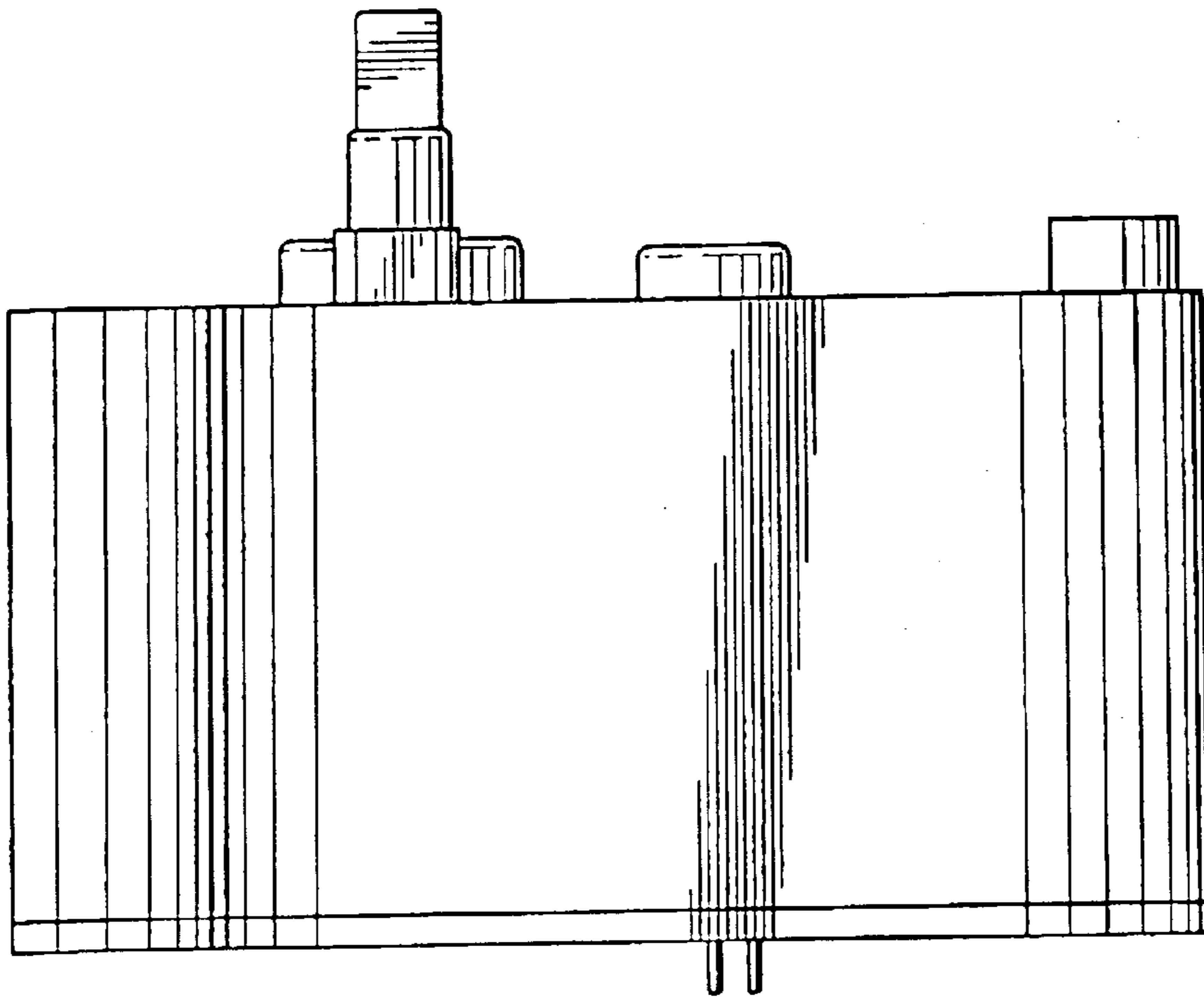


FIG. 74

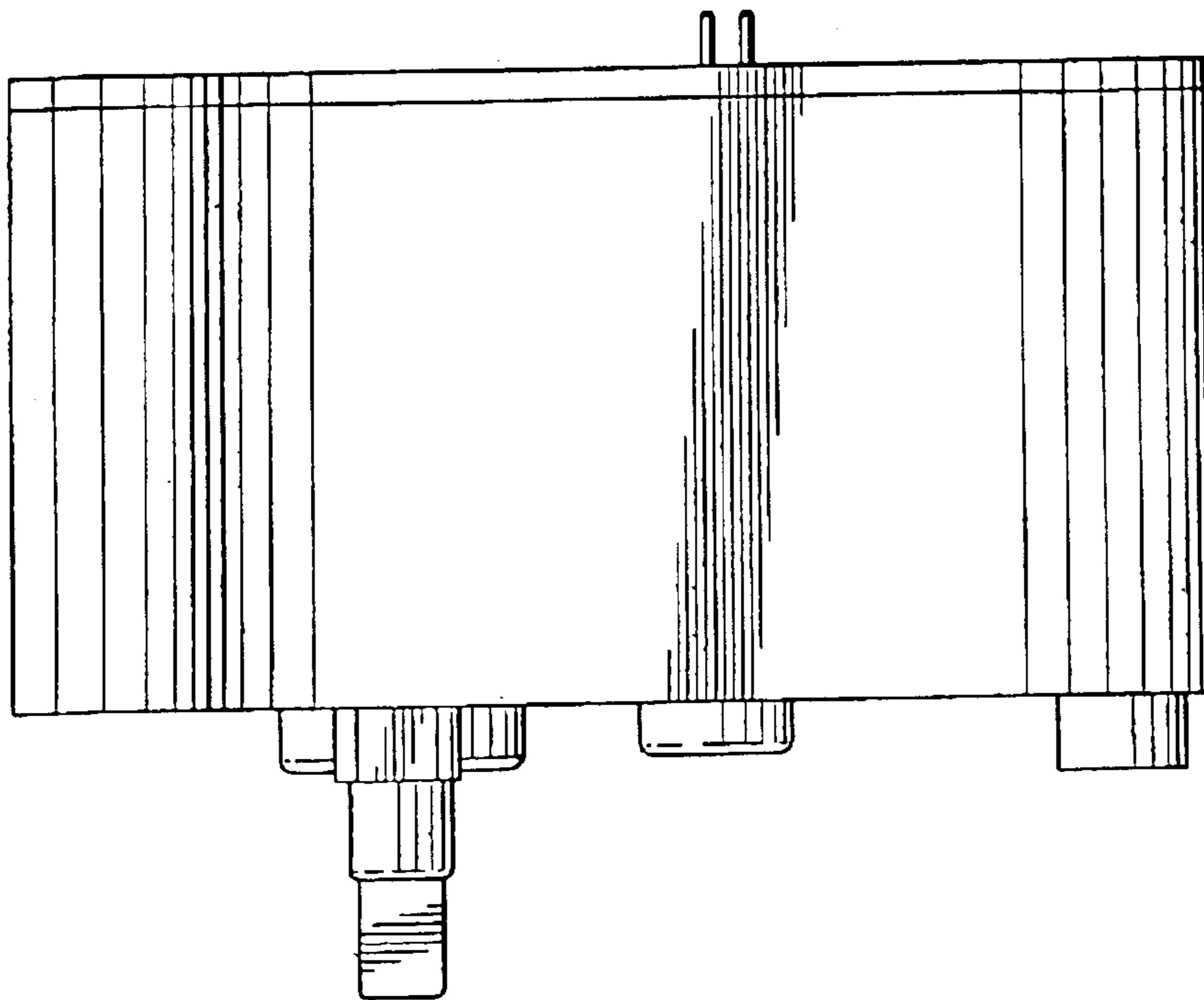


FIG. 73

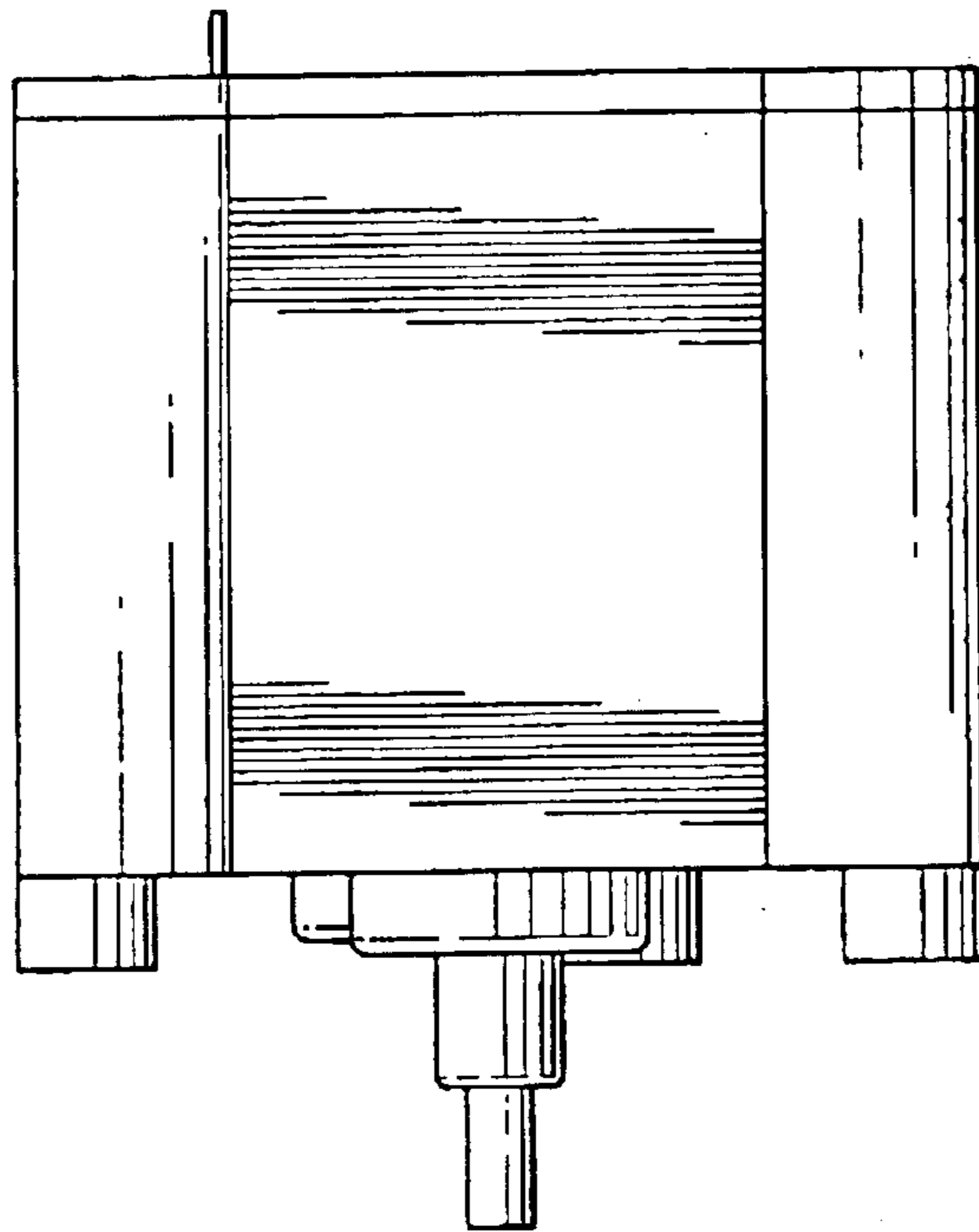


FIG. 75

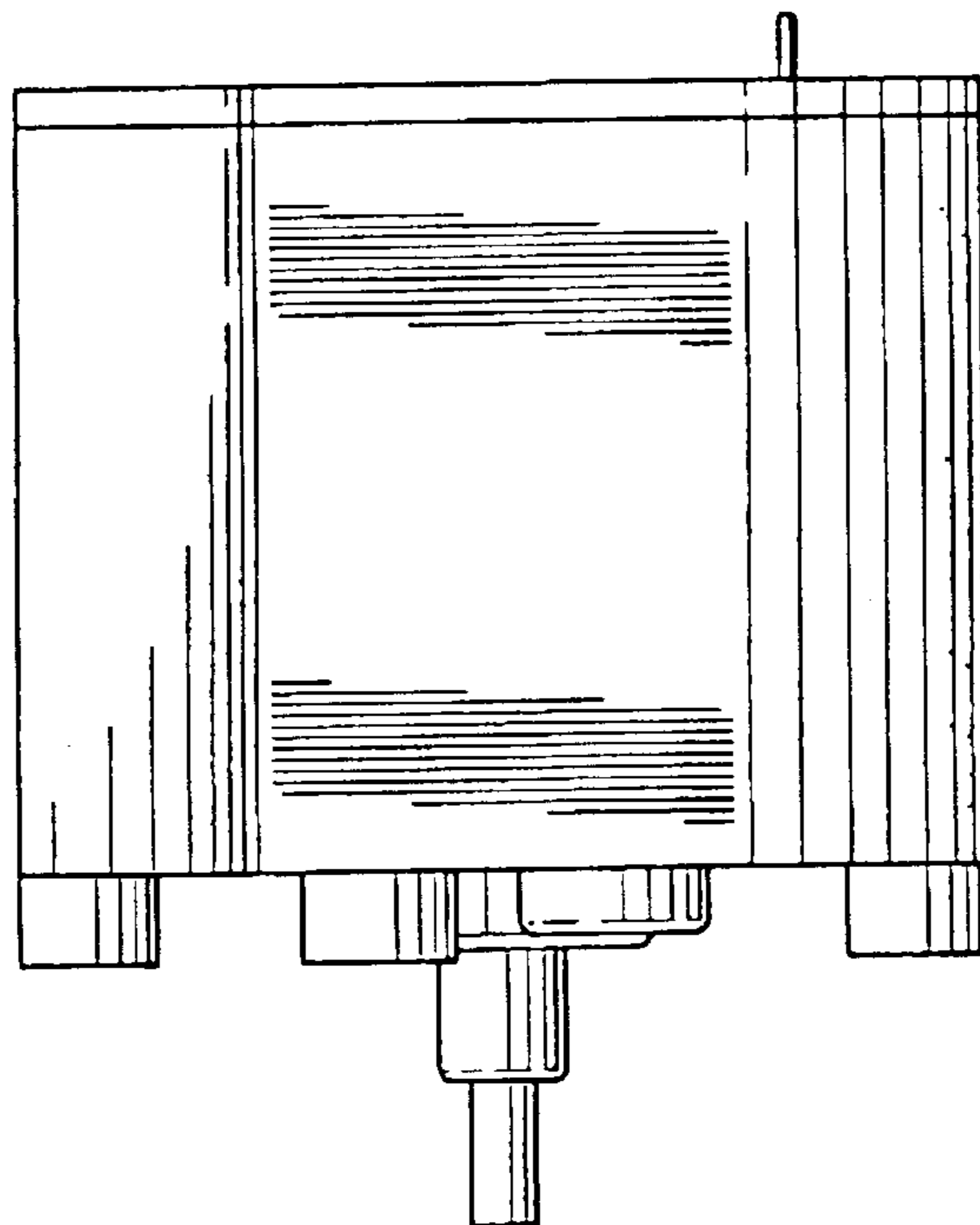


FIG. 76

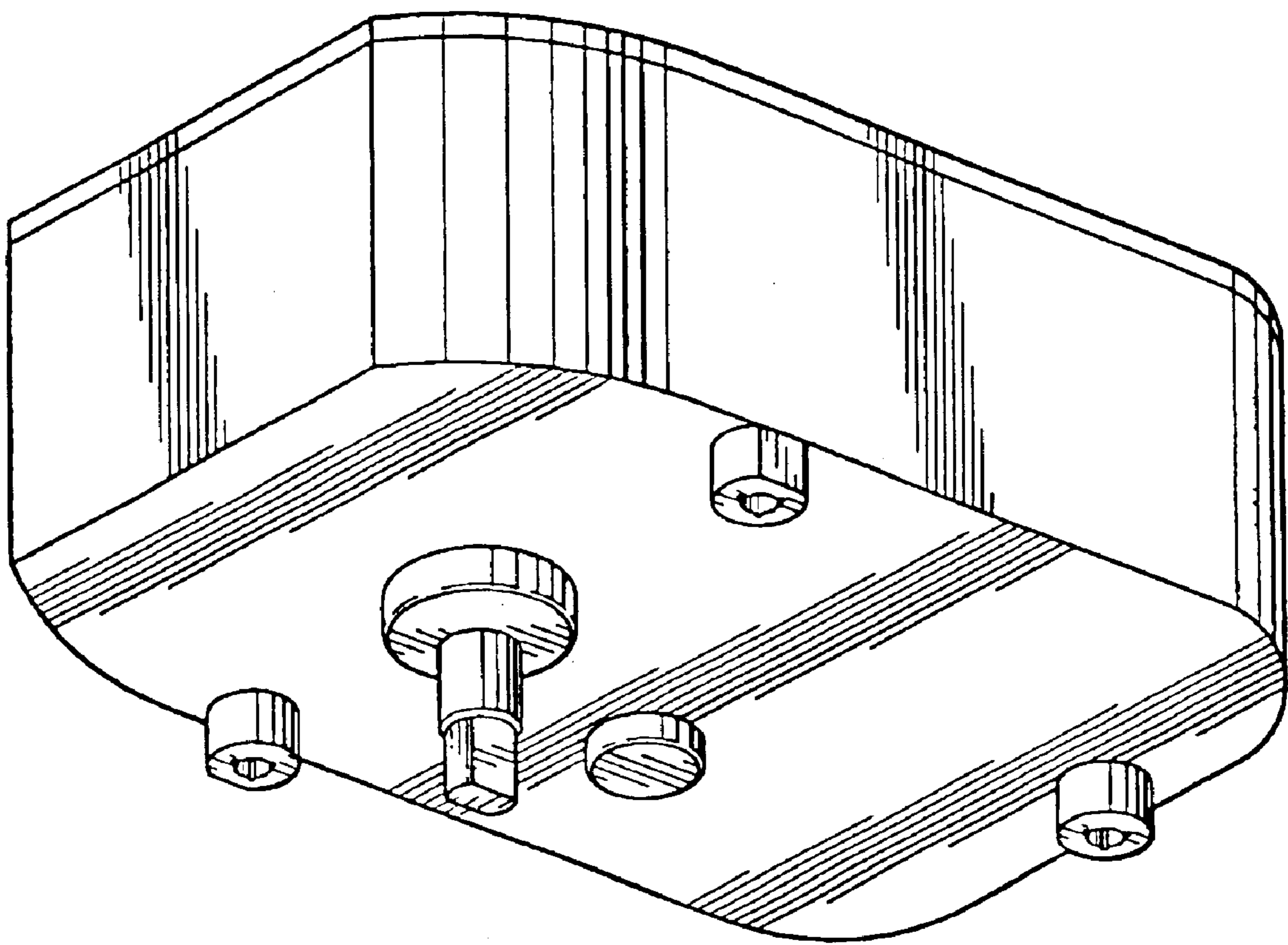


FIG. 77

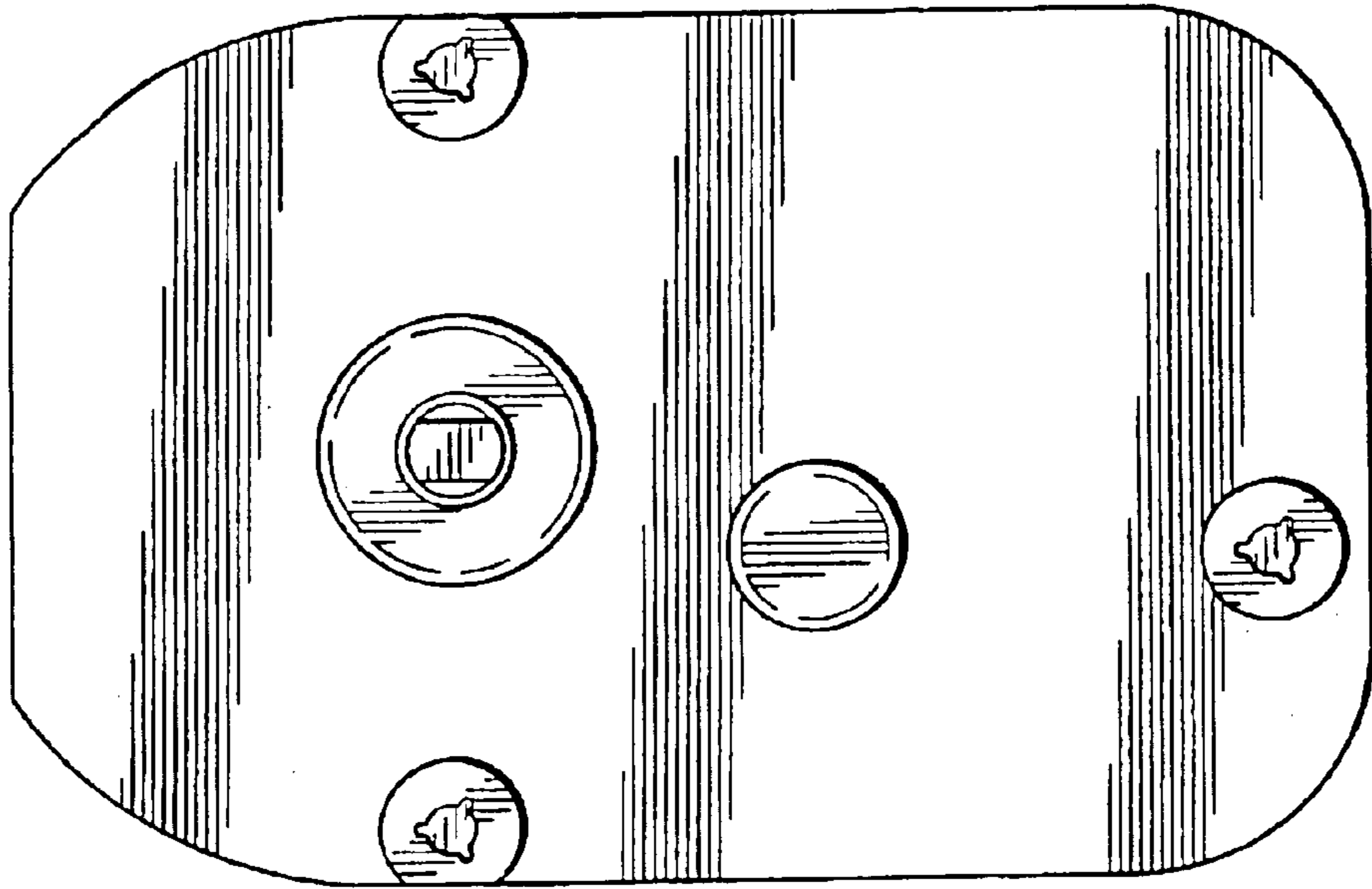


FIG. 78

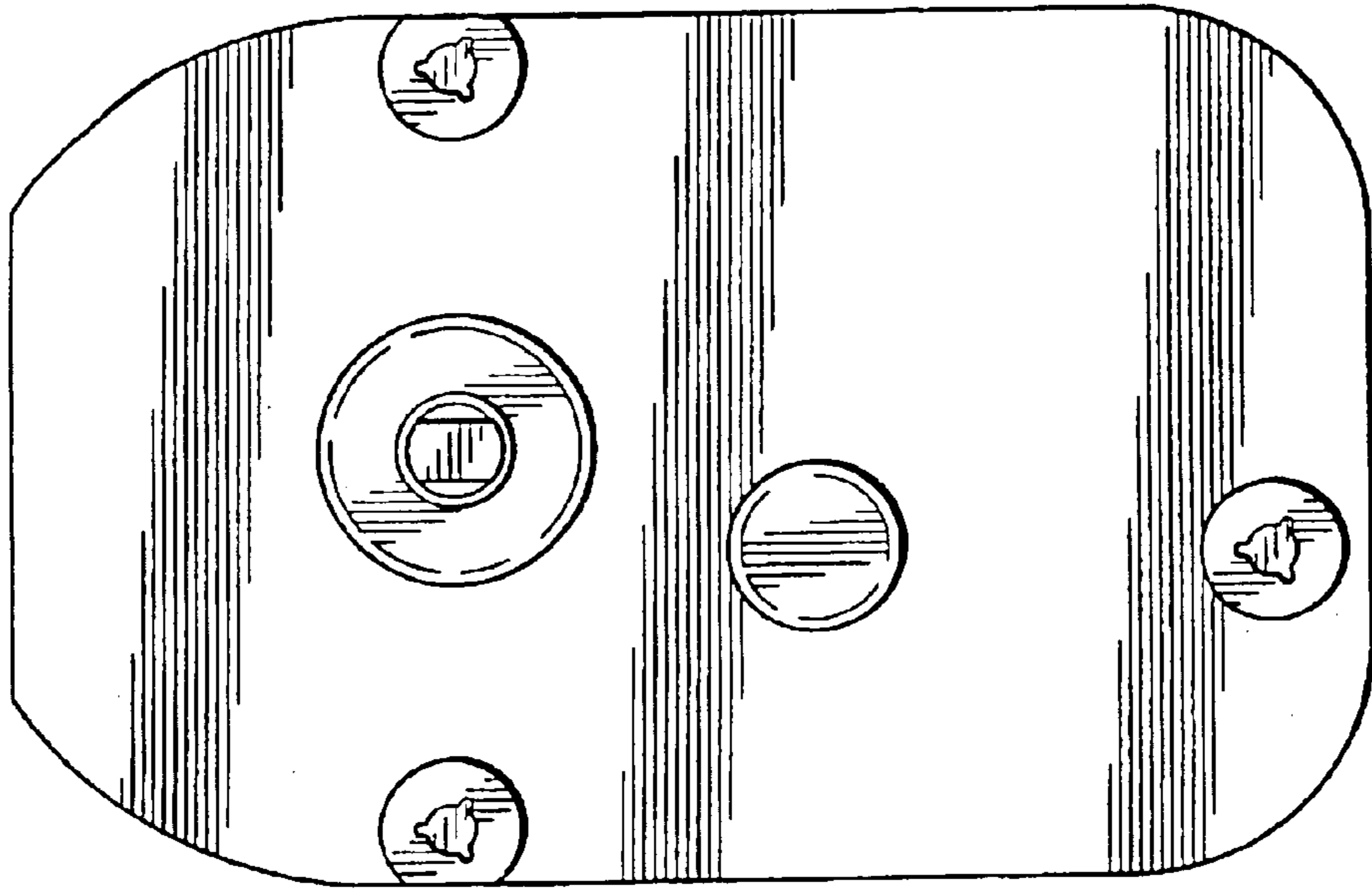


FIG. 79

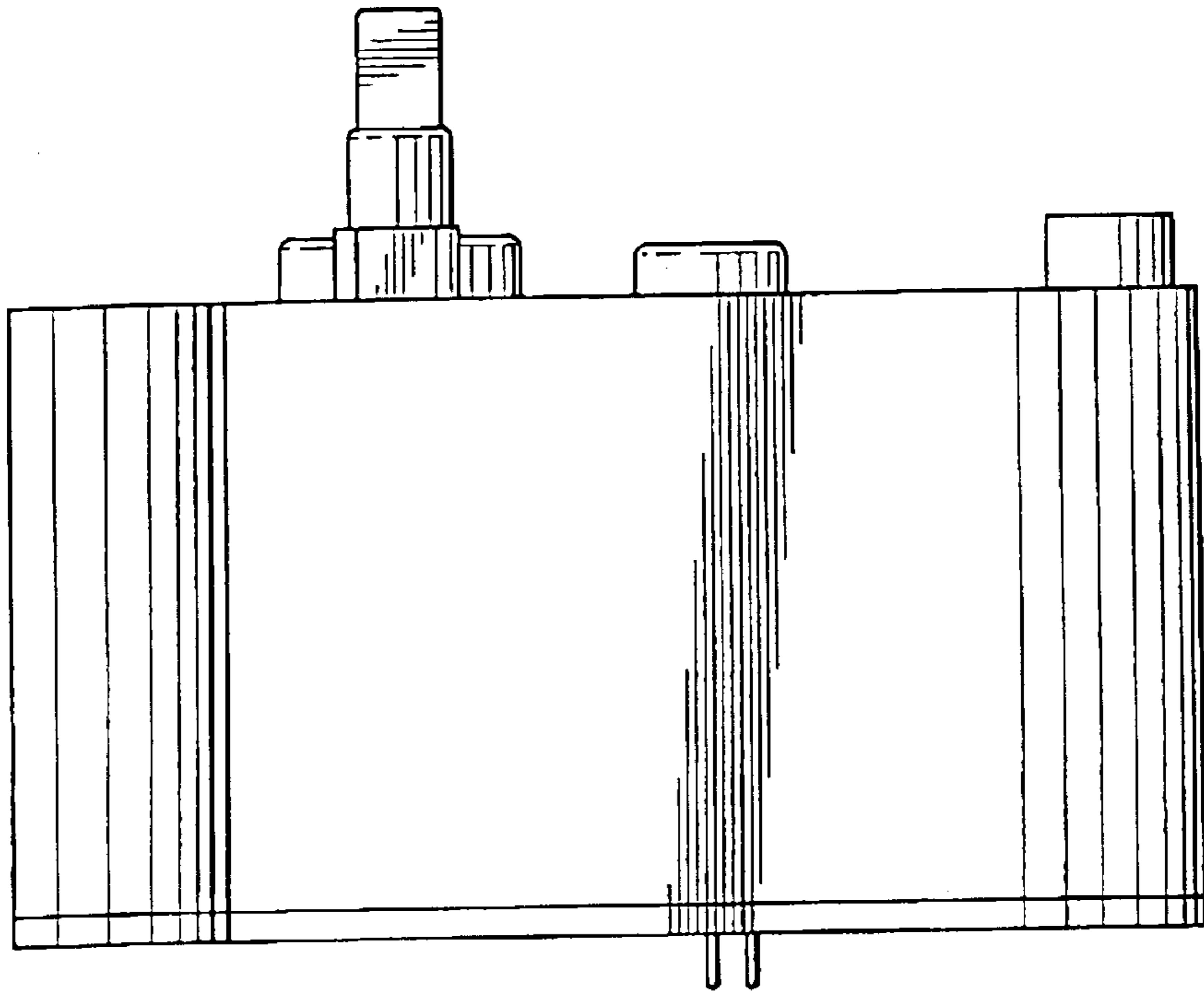


FIG. 81

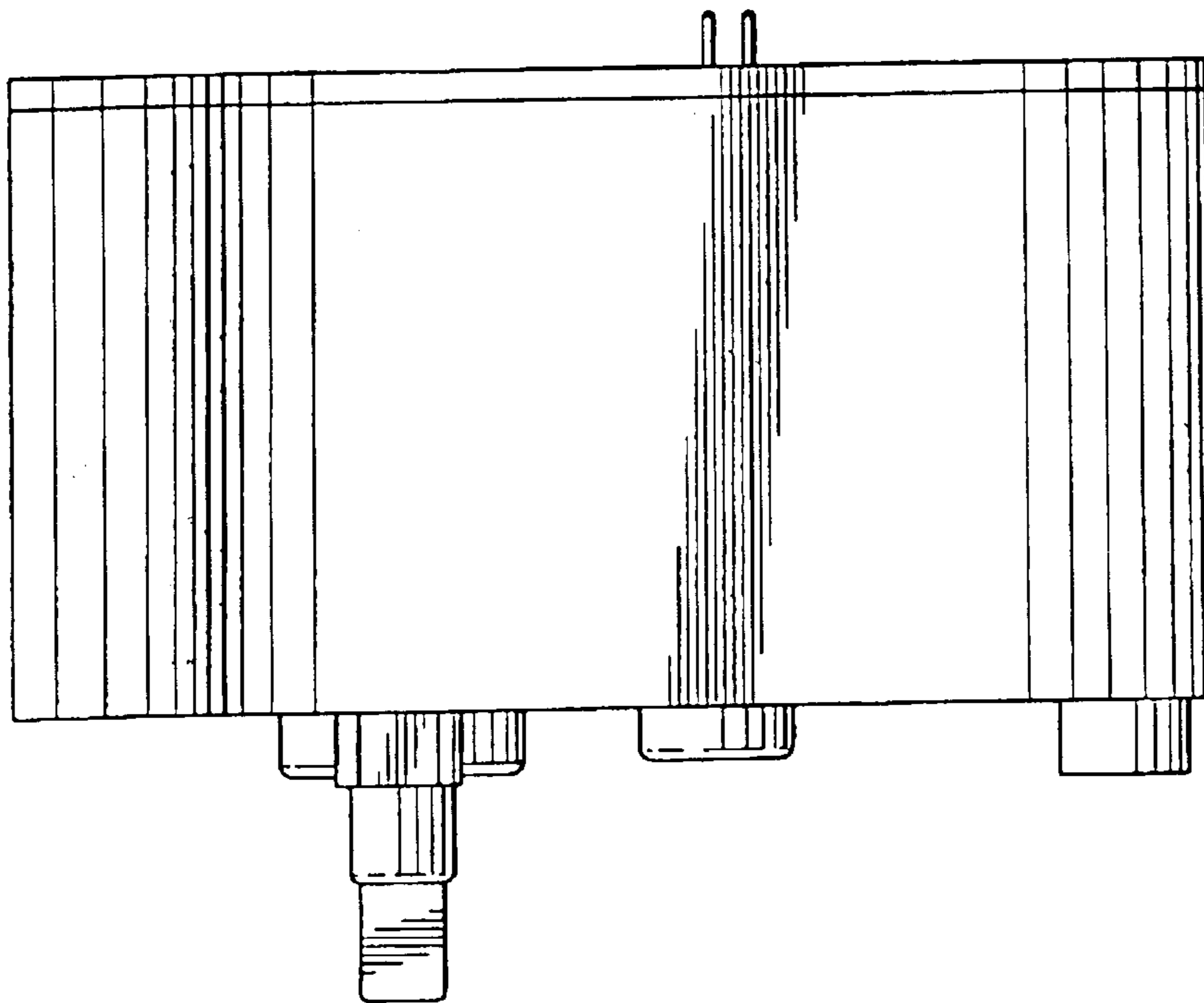


FIG. 80

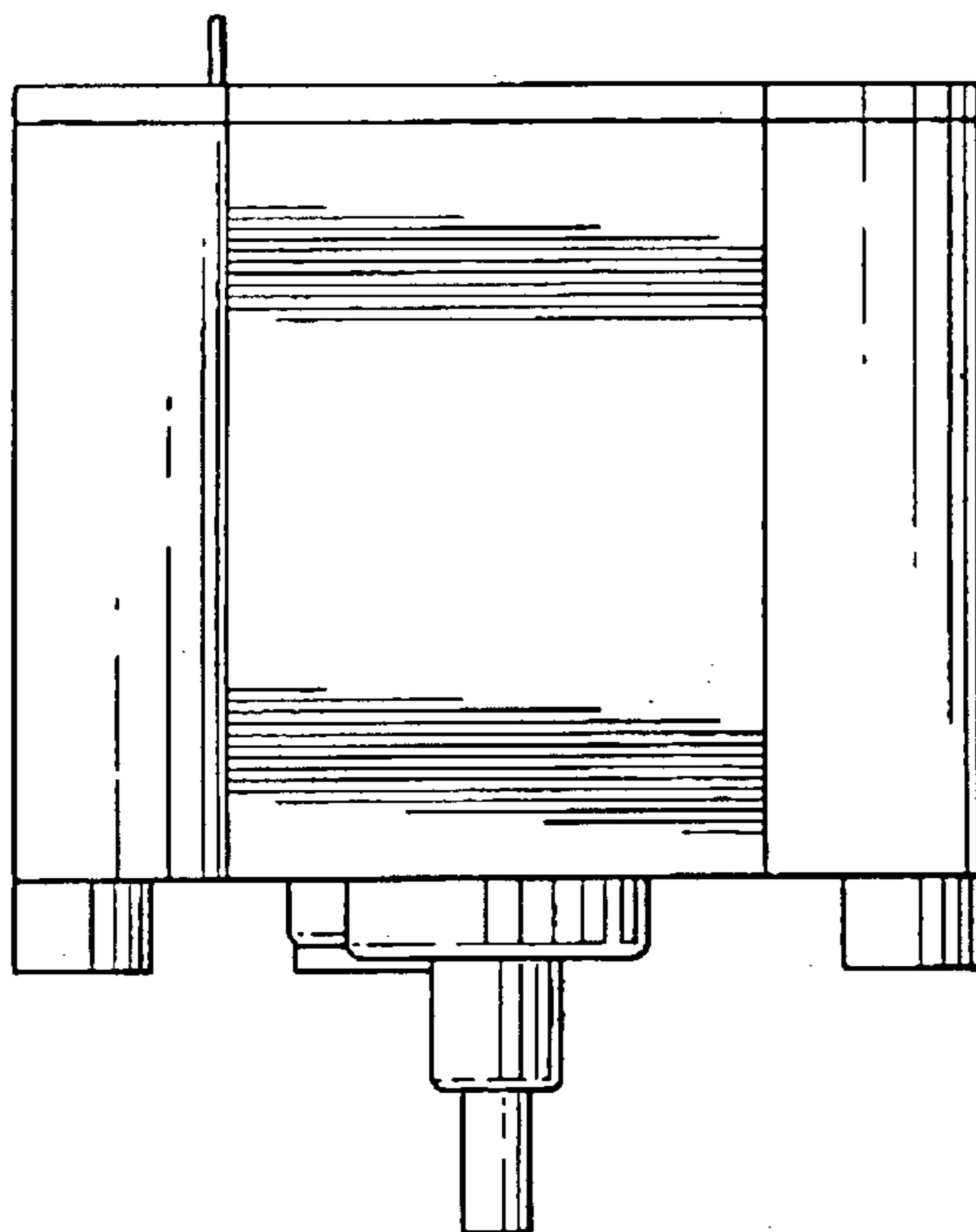


FIG. 82

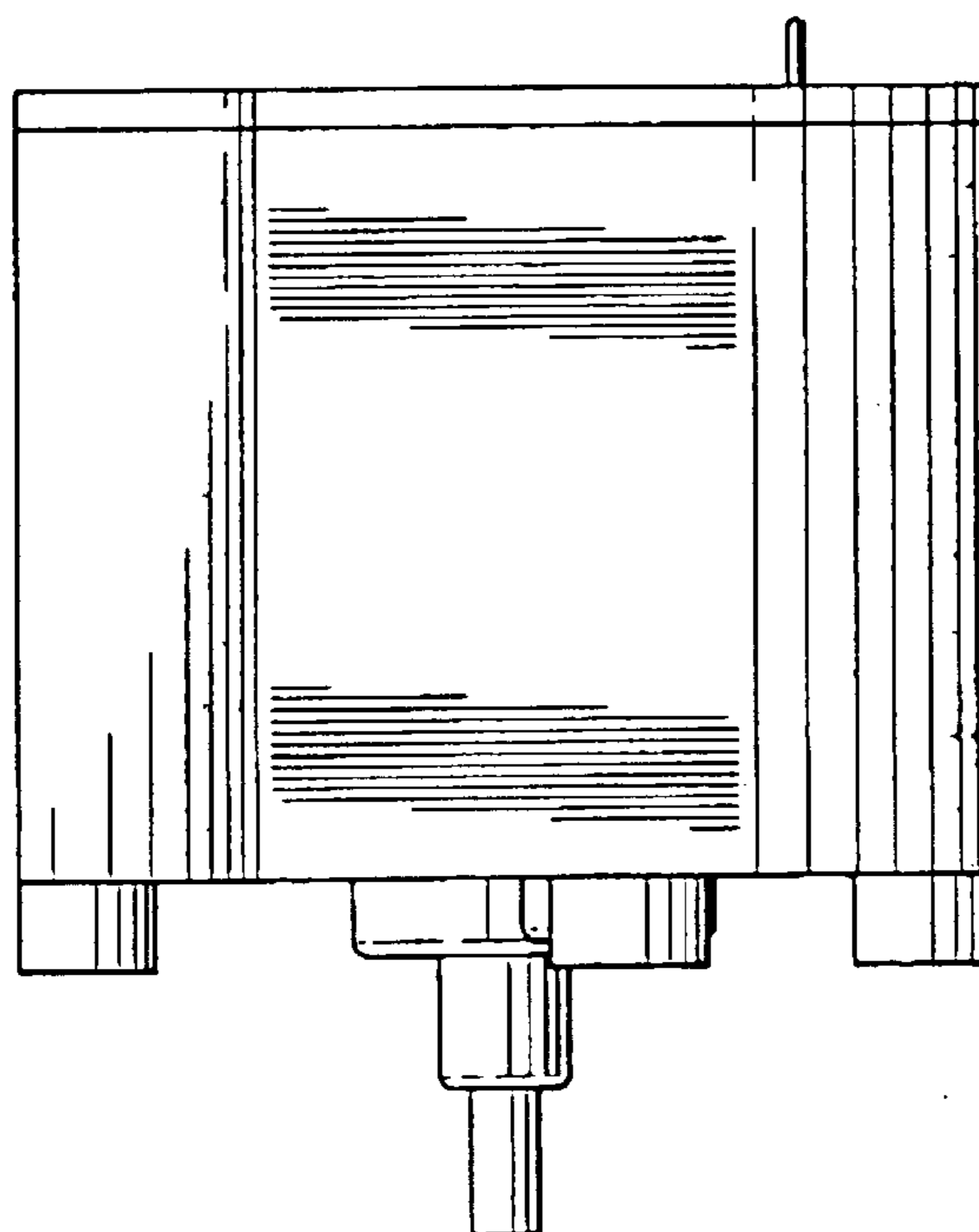


FIG. 83

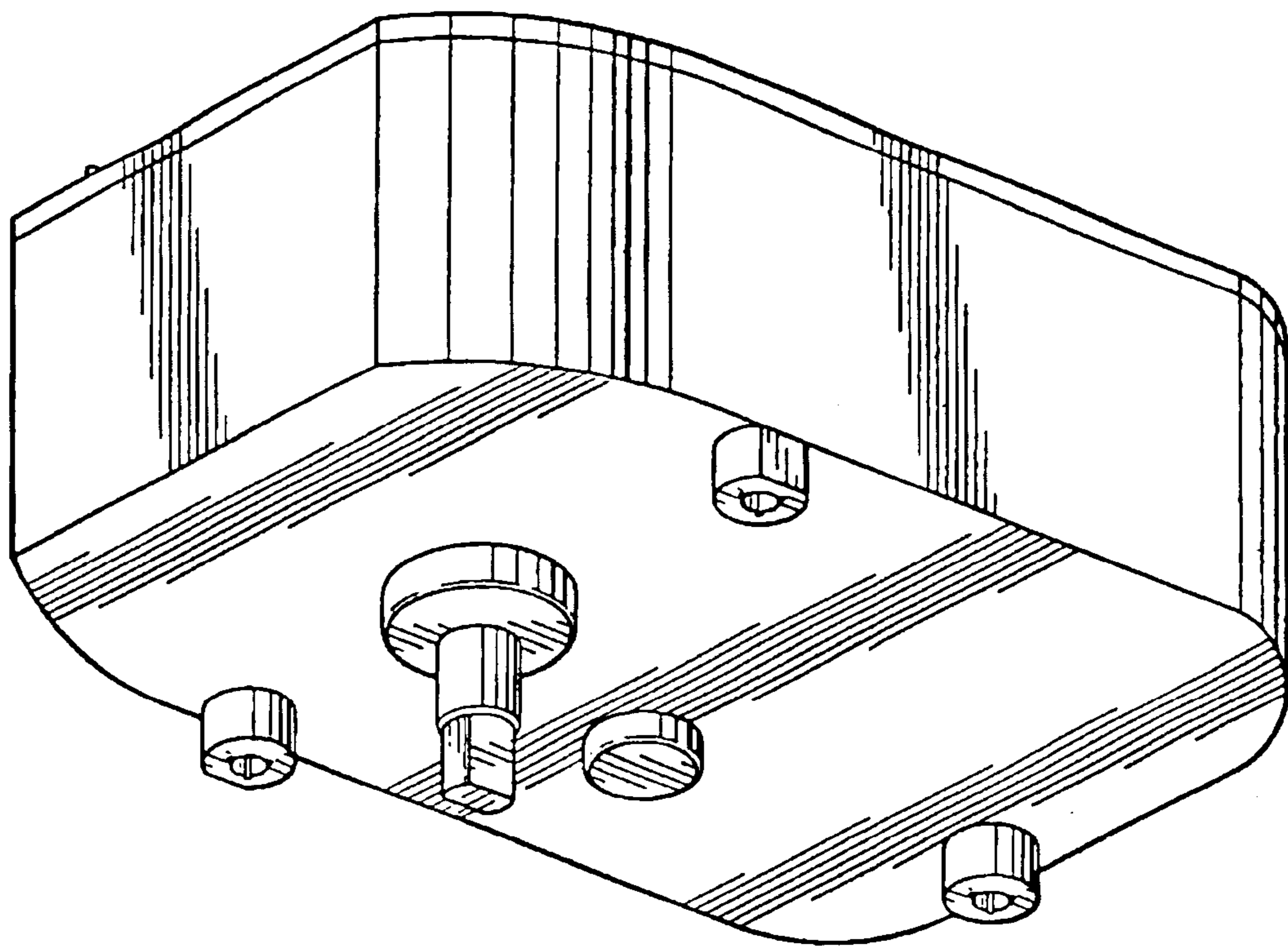


FIG. 84