



US00D324221S

# United States Patent [19]

[11] Patent Number: Des. 324,221

Kiyooka et al.

[45] Date of Patent: \*\* Feb. 25, 1992

## [54] INTERNAL COMBUSTION ENGINE

[75] Inventors: **Katsumi Kiyooka**, Togane; **Kaori Katoh**, Chiba, both of Japan

[73] Assignee: **Maruyama Mfg. Co., Inc.**, Tokyo, Japan

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

[21] Appl. No.: **390,917**

[22] Filed: **Aug. 8, 1989**

### [30] Foreign Application Priority Data

Feb. 14, 1989 [JP] Japan ..... 1-5116

Feb. 14, 1989 [JP] Japan ..... 1-5117

[52] U.S. Cl. .... **D15/1**

[58] Field of Search ..... **D15/1, 3; 123/56 B, 123/52 R, 56 A, 56 B, 56 BC, 58 R, 31, 198 E**

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D. 310,373 9/1990 Ishii et al. .... D15/1

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*Primary Examiner*—A. Hugo Word

*Assistant Examiner*—R. Seifert

*Attorney, Agent, or Firm*—Fleit, Jacobson, Cohn, Price, Holman & Stern

## [57] CLAIM

The ornamental design for an internal combustion engine, as shown and described.

## DESCRIPTION

FIG. 1 is a front elevational view of an internal combustion engine showing our new design;

FIG. 2 is a rear elevational view thereof;

FIG. 3 is a right side elevational view thereof;

FIG. 4 is a left side elevational view thereof;

FIG. 5 is a top plan view thereof;

FIG. 6 is a bottom plan view thereof;

FIG. 7 is a front elevational view of an internal combustion engine showing a second embodiment of our new design;

FIG. 8 is a rear elevational view of FIG. 7;

FIG. 9 is a right side elevational view of FIG. 7;

FIG. 10 is a left side elevational view of FIG. 7;

FIG. 11 is a top plan view of FIG. 7;

FIG. 12 is a bottom plan view of FIG. 7;

FIG. 13 is a front elevational view of an internal combustion engine showing a third embodiment of our new design;

FIG. 14 is a rear elevational view of FIG. 13;

FIG. 15 is a right side elevational view of FIG. 13;

FIG. 16 is a left side elevational view of FIG. 13;

FIG. 17 is a top plan view of FIG. 13;

FIG. 18 is a bottom plan view of FIG. 13;

FIG. 19 is a front elevational view of an internal combustion engine showing a fourth embodiment of our new design;

FIG. 20 is a rear elevational view of FIG. 19;

FIG. 21 is a right side elevational view of FIG. 19;

FIG. 22 is a left side elevational view of FIG. 19;

FIG. 23 is a top plan view of FIG. 19; and

FIG. 24 is a bottom plan view of FIG. 19.

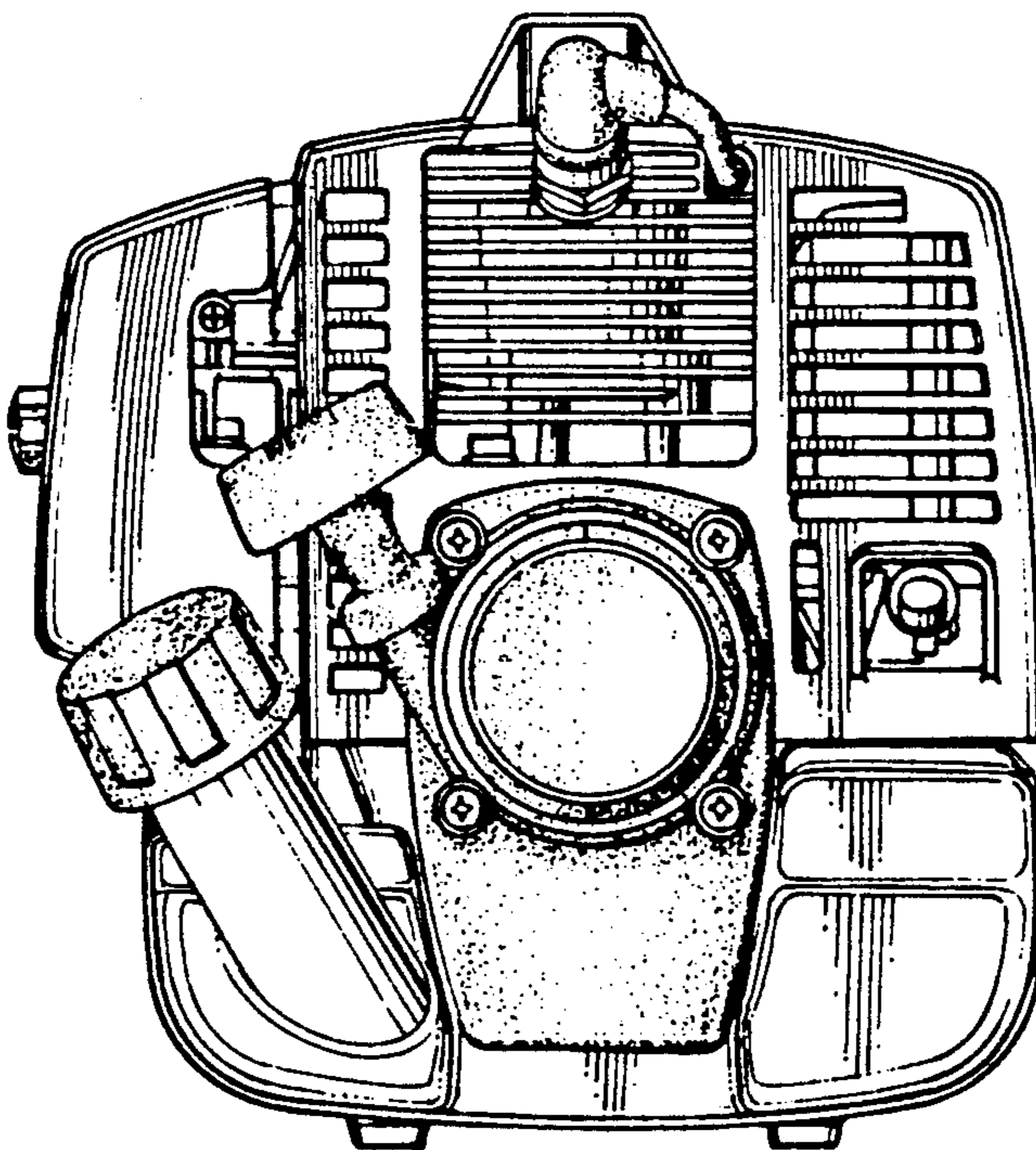


FIG. 1

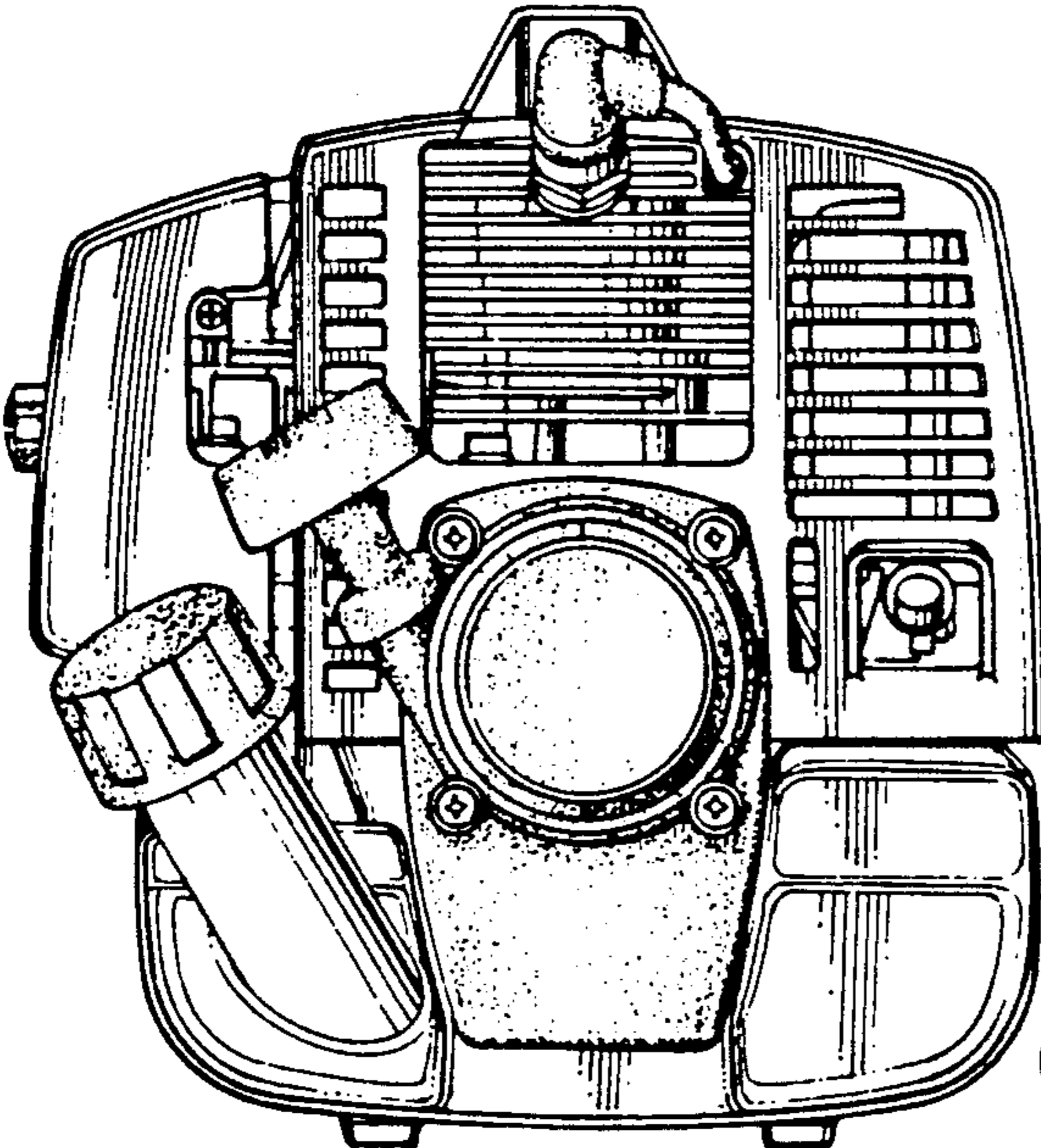


FIG. 3

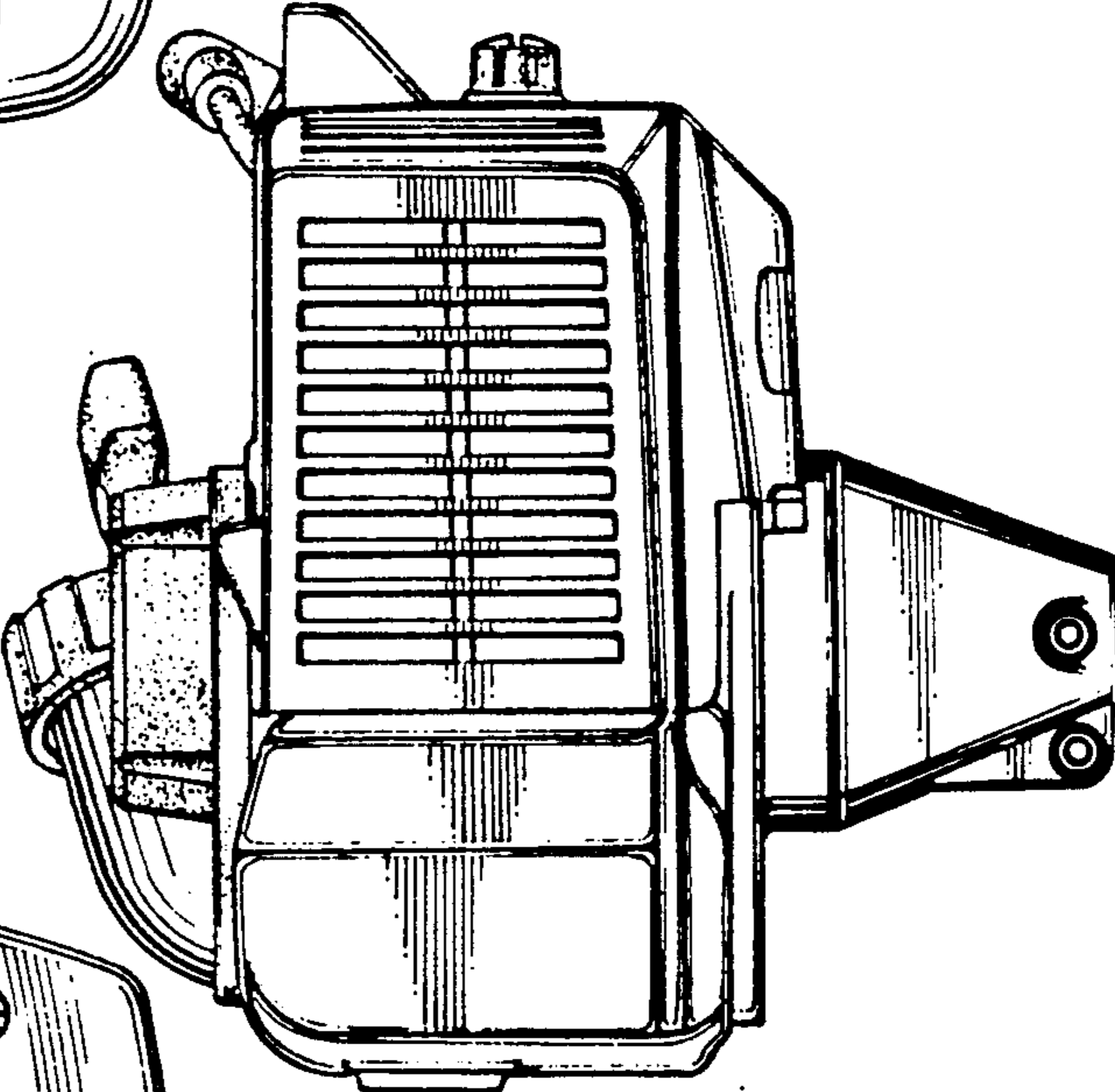


FIG. 2

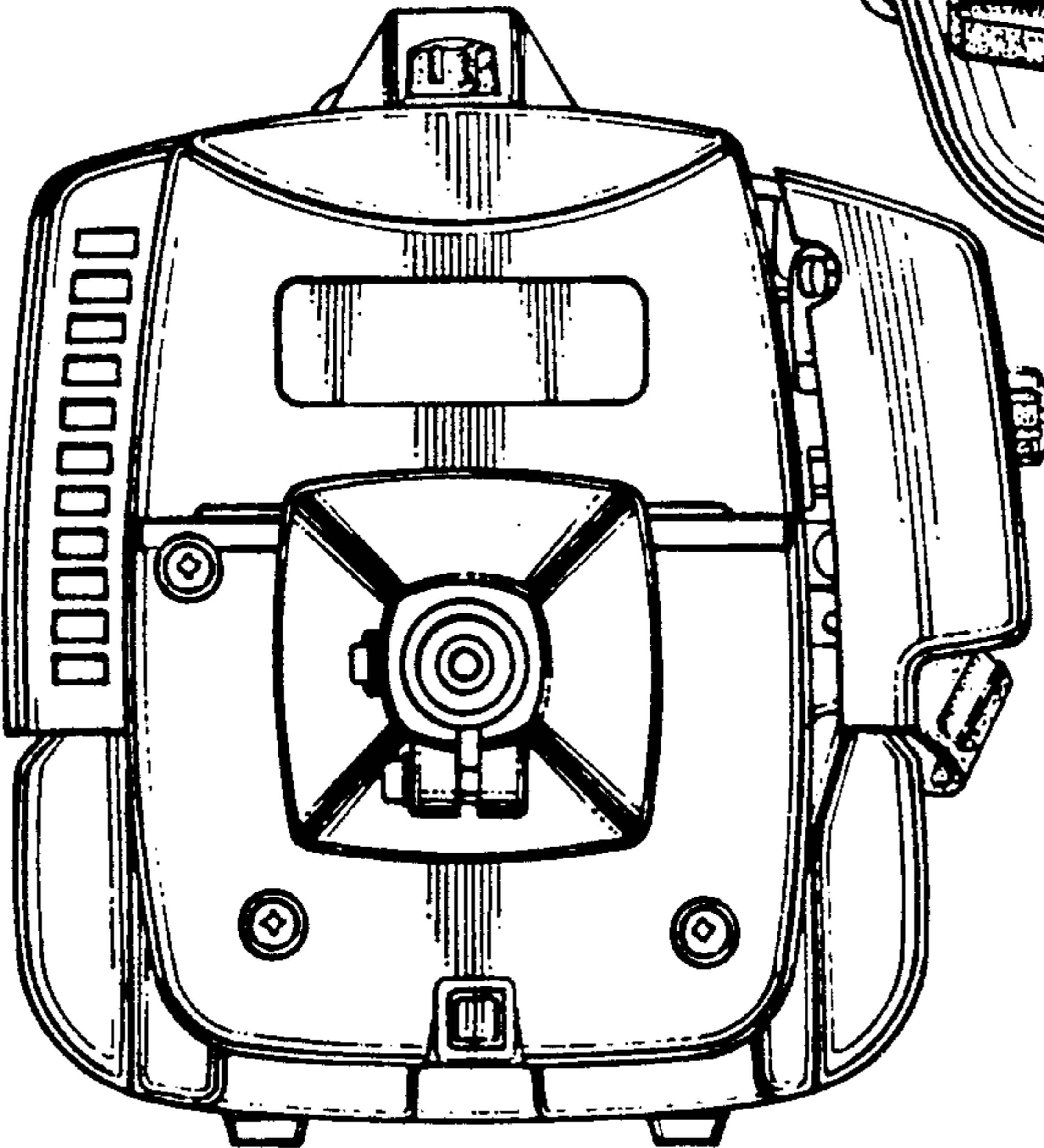


FIG. 4

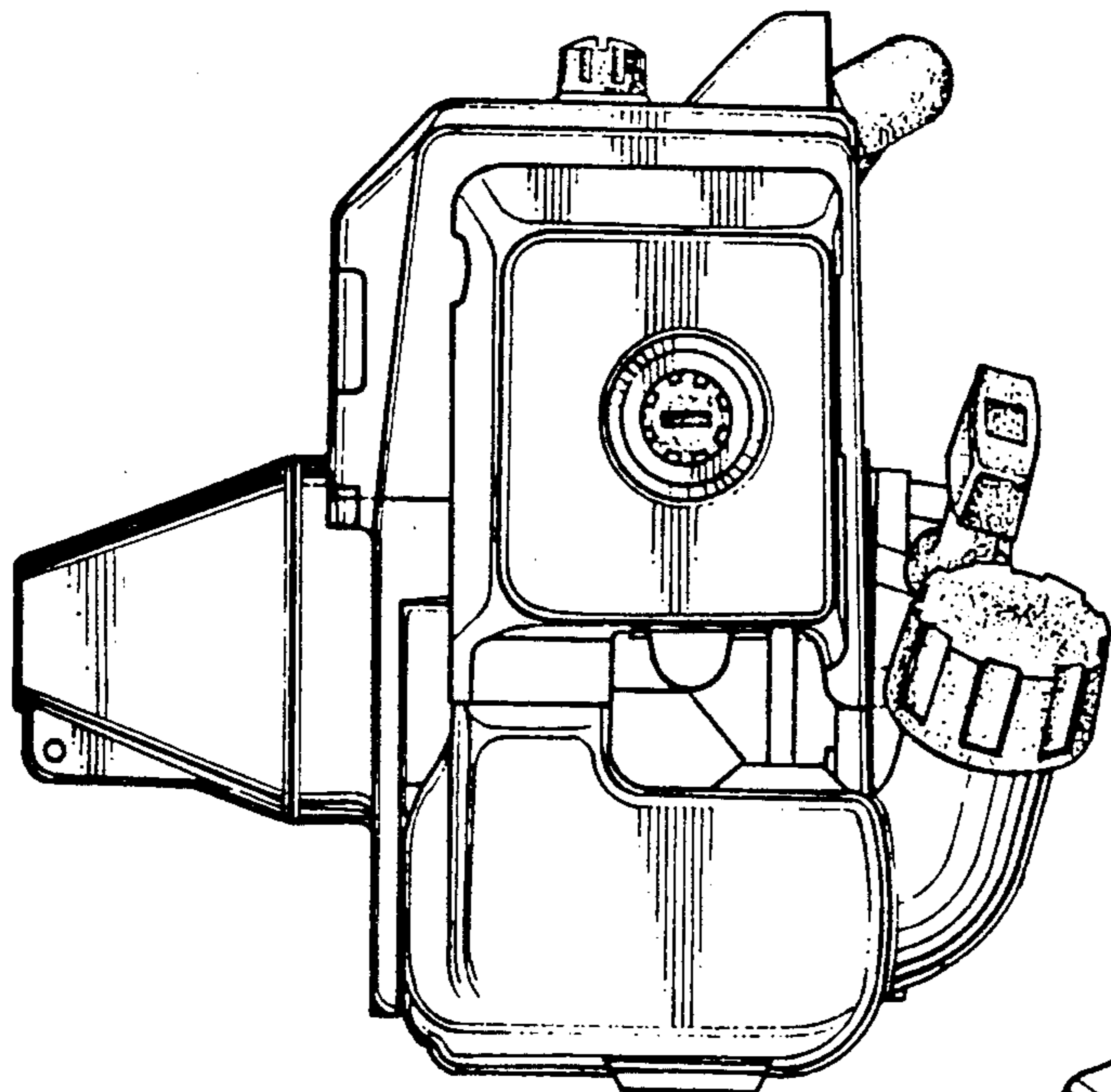


FIG. 5

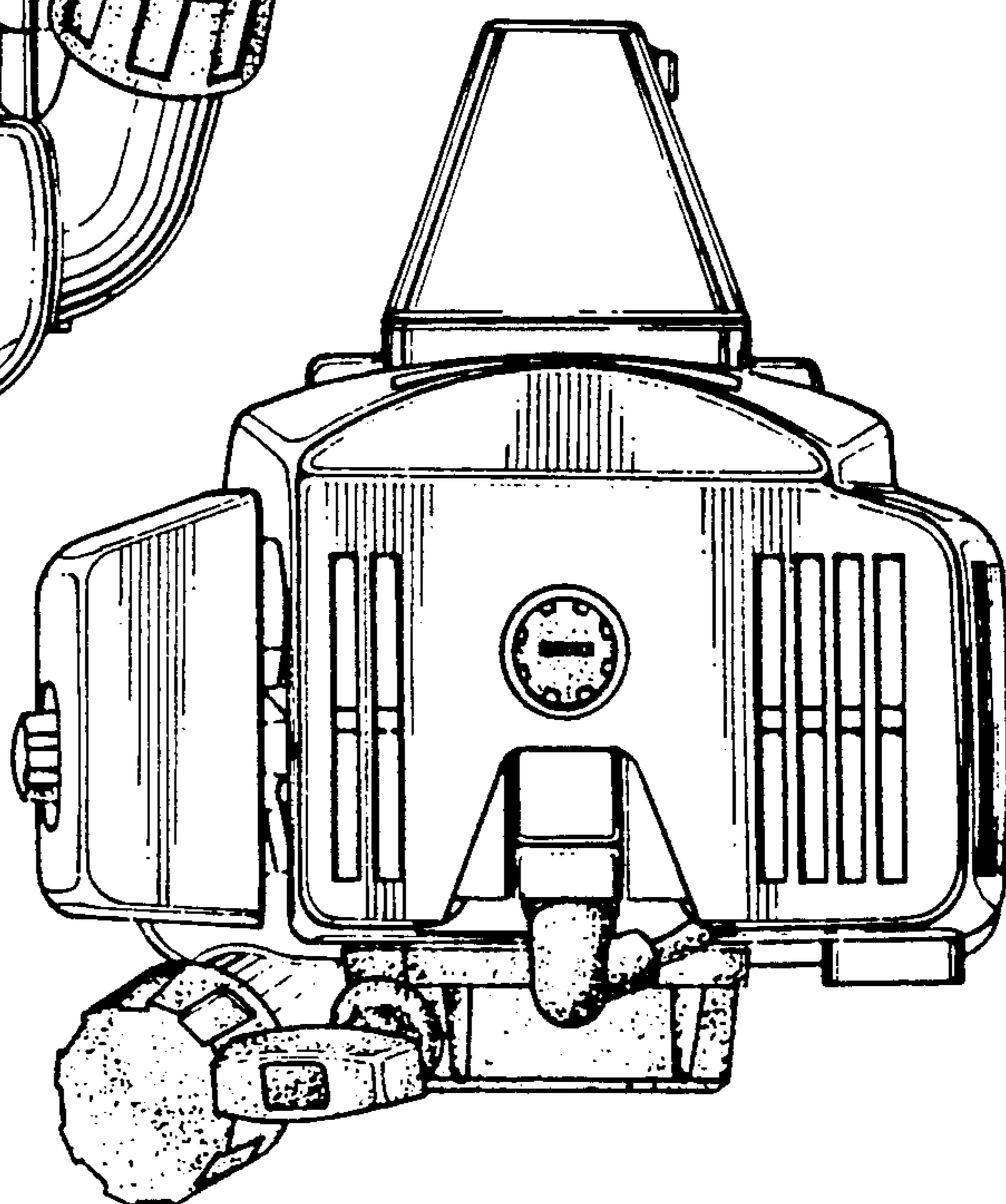


FIG. 6

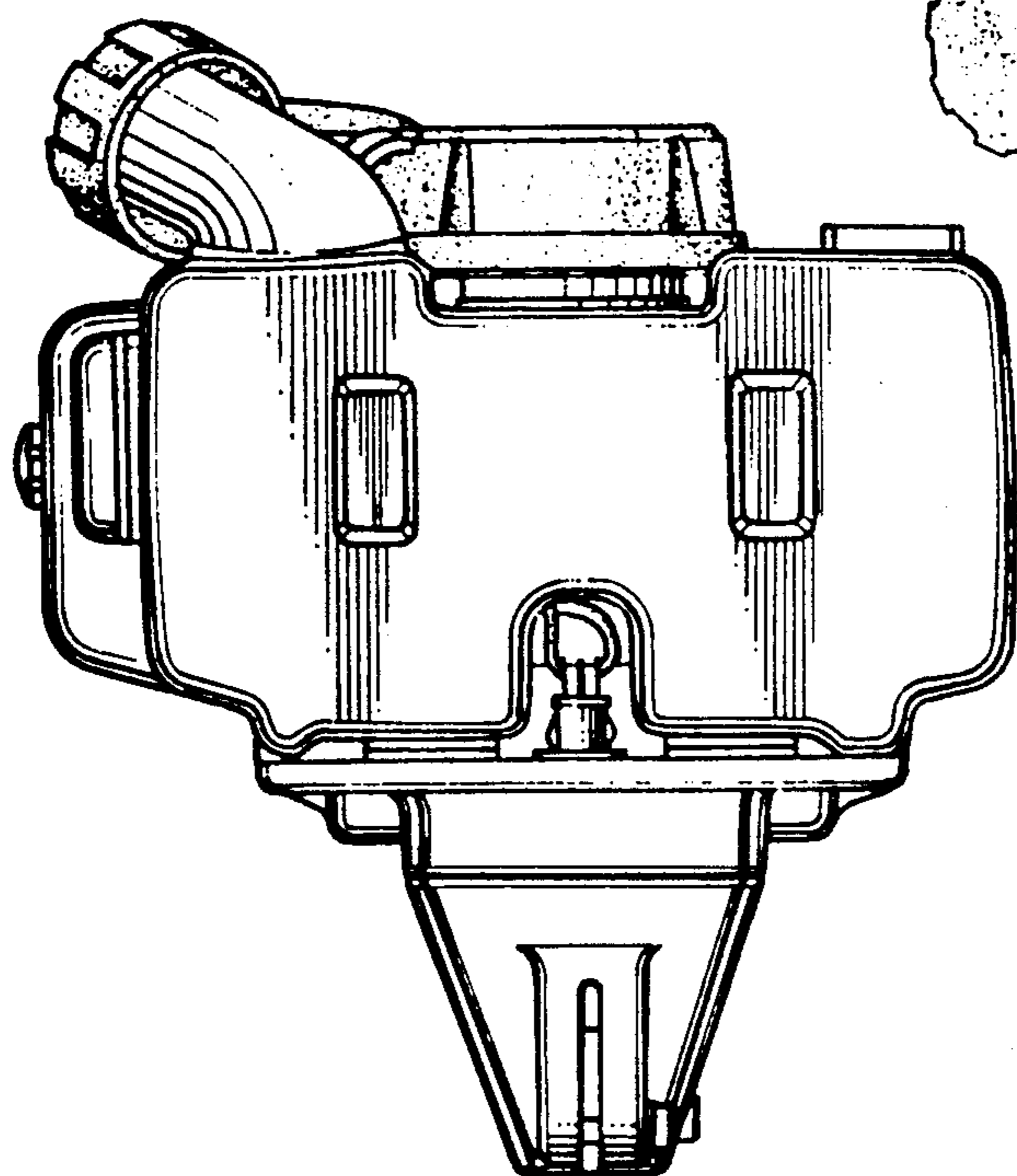


FIG. 7

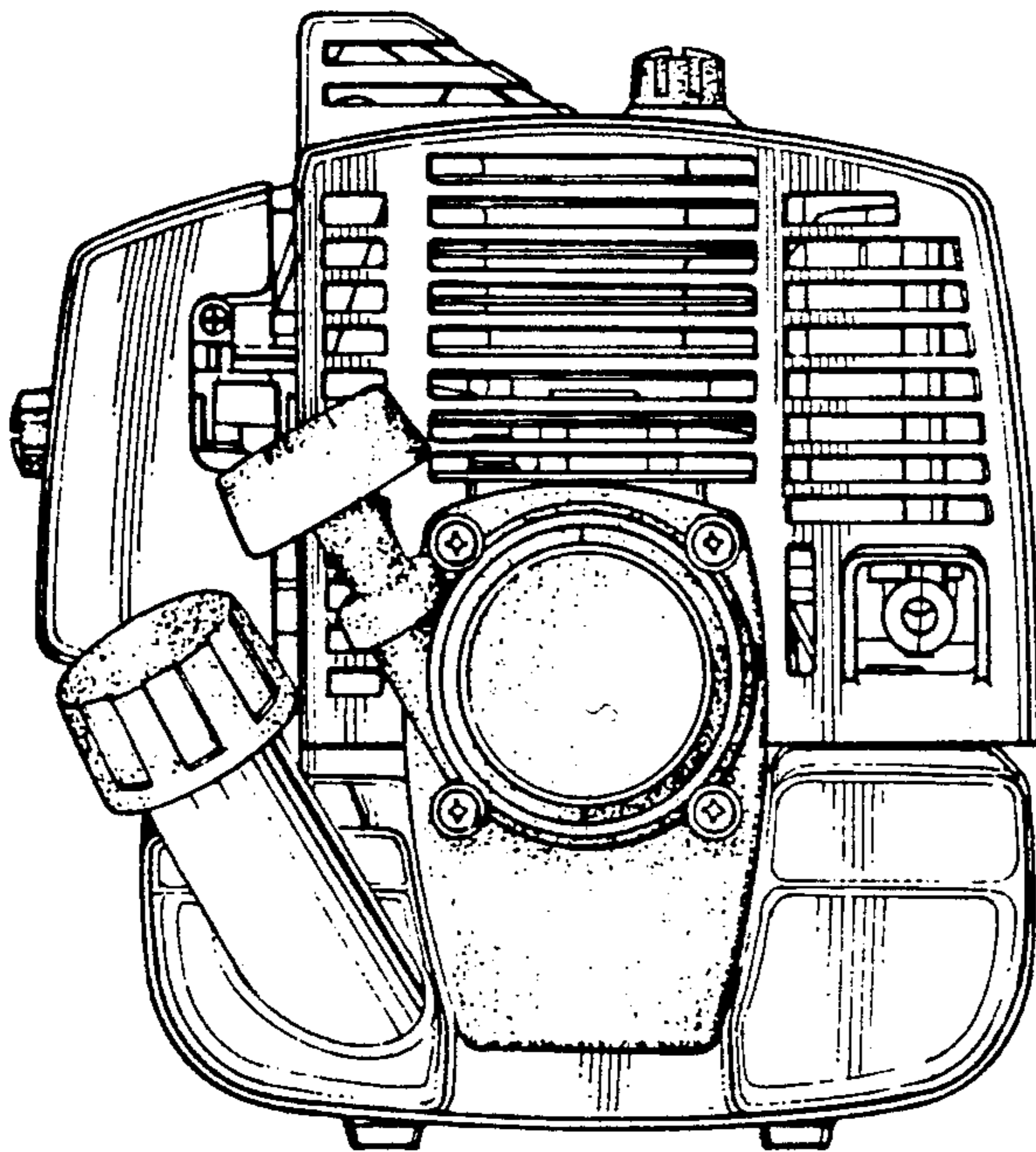


FIG. 9

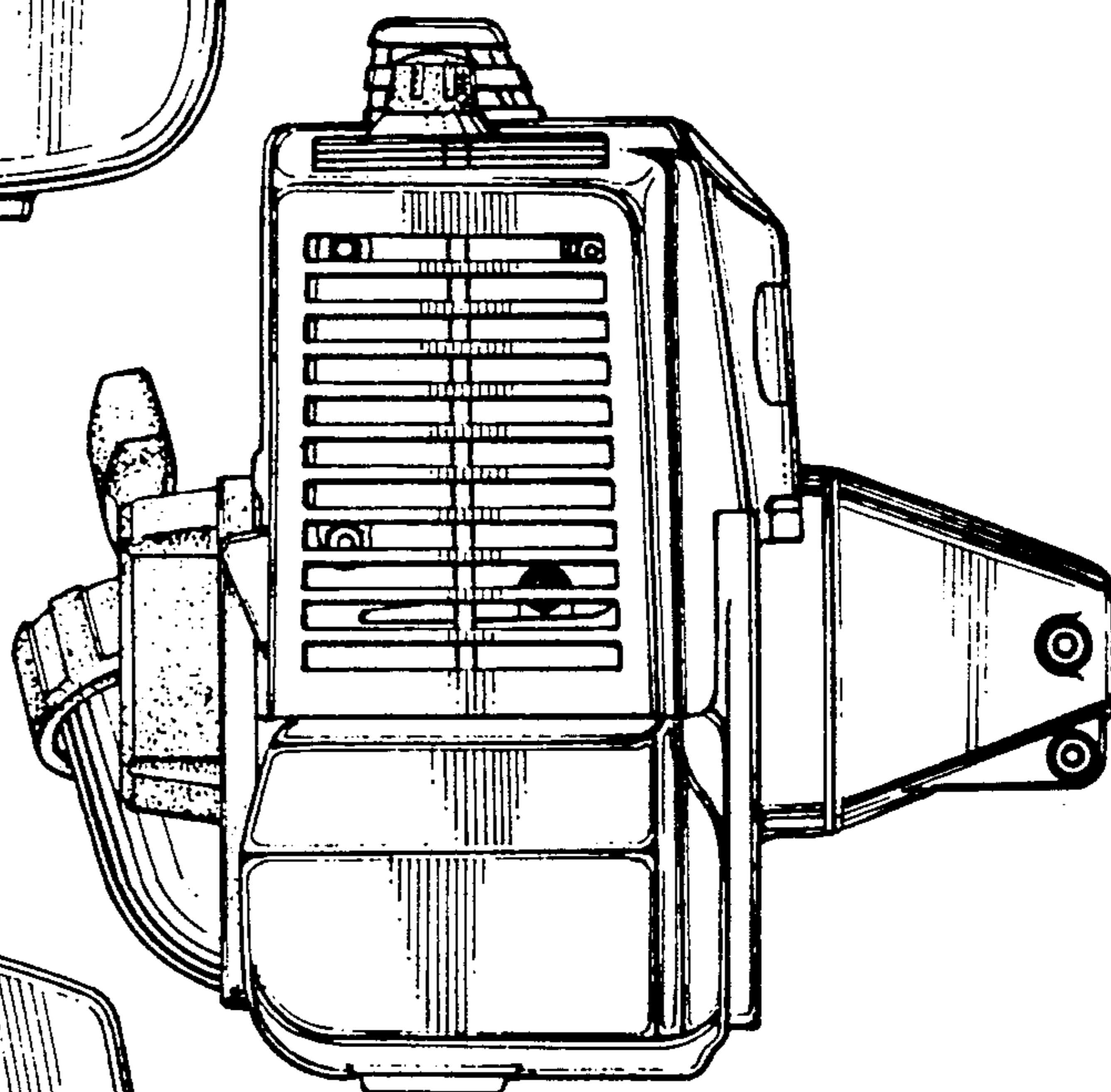


FIG. 8

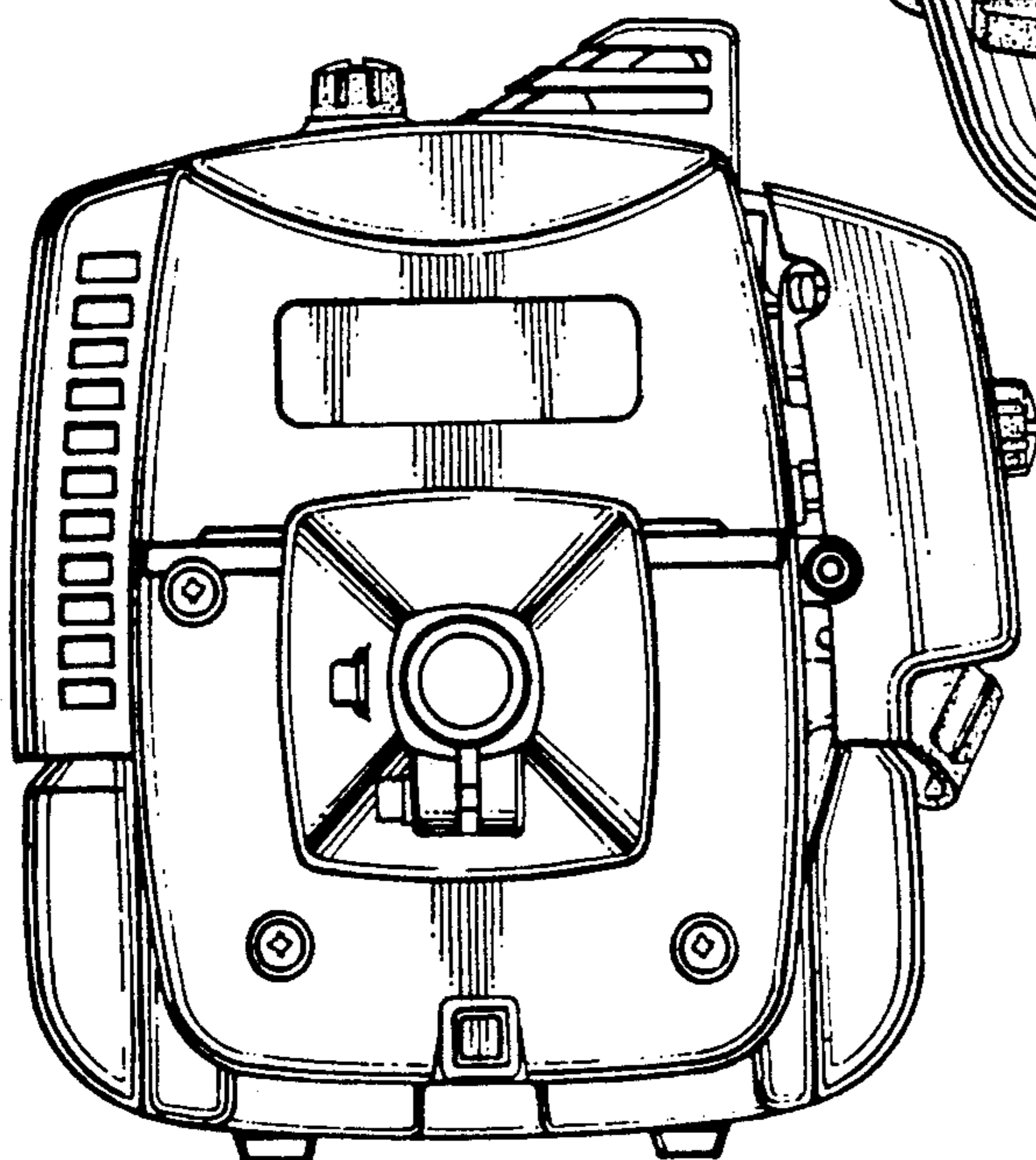


FIG. 10

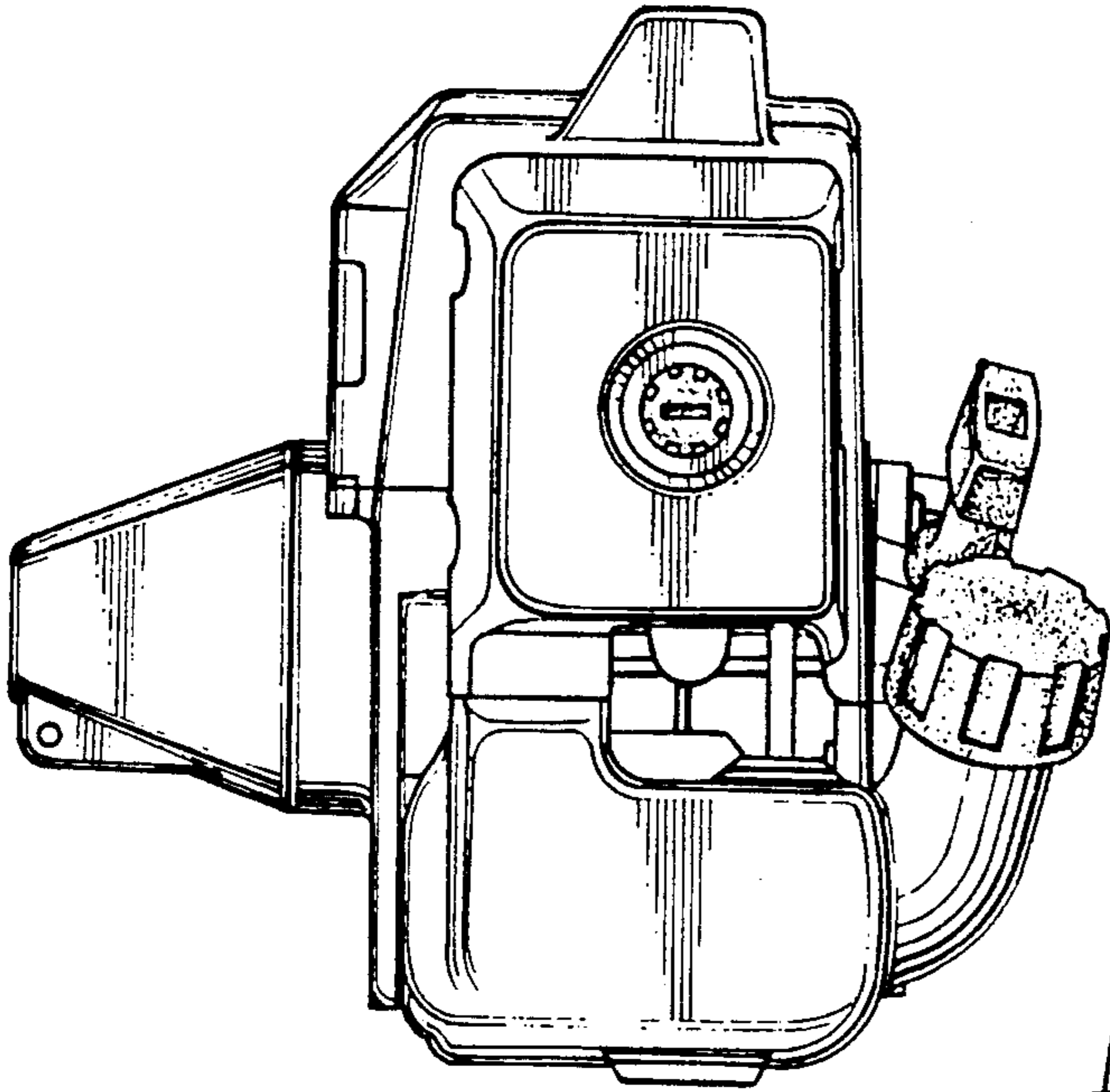


FIG. 11

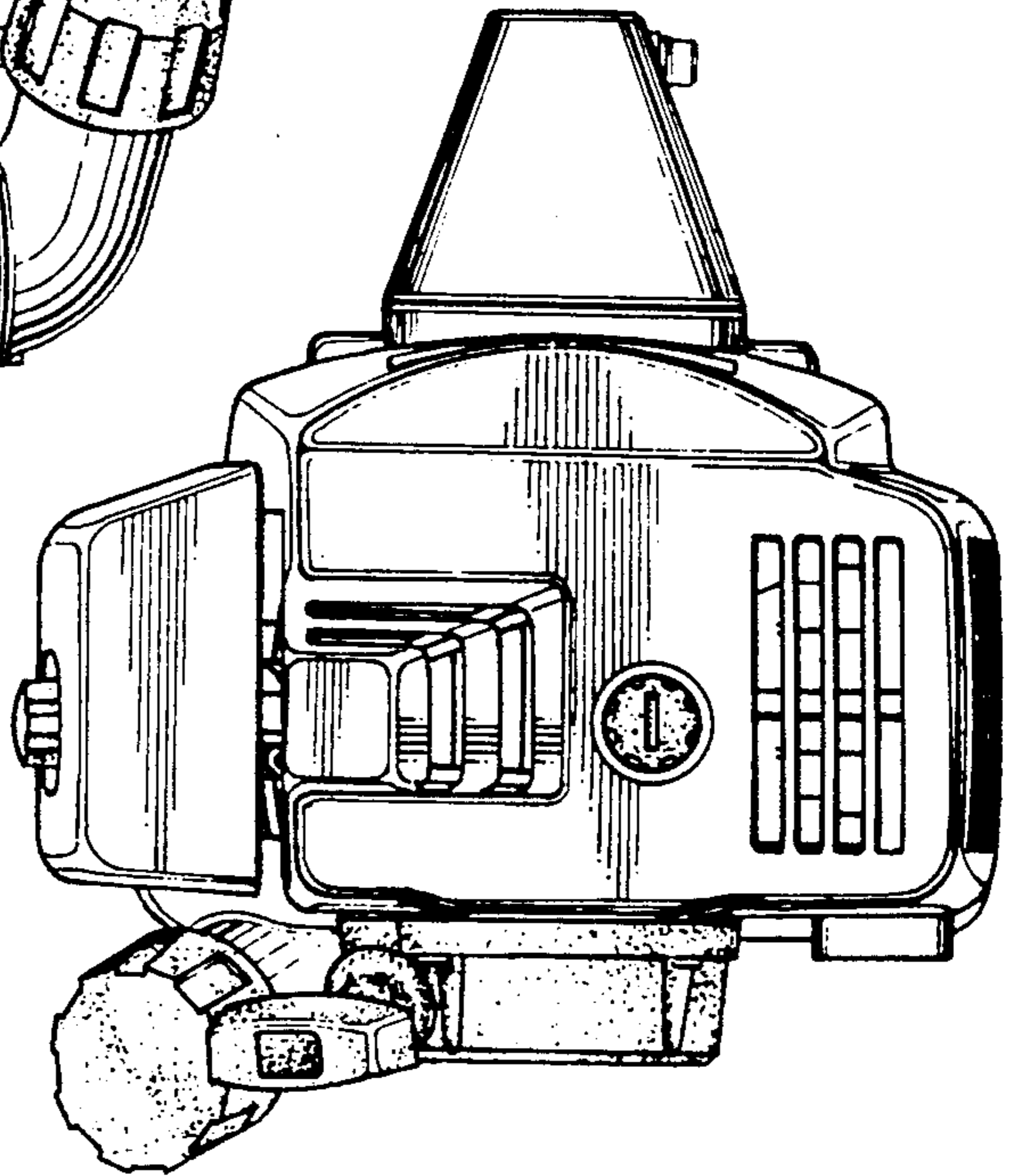


FIG. 12

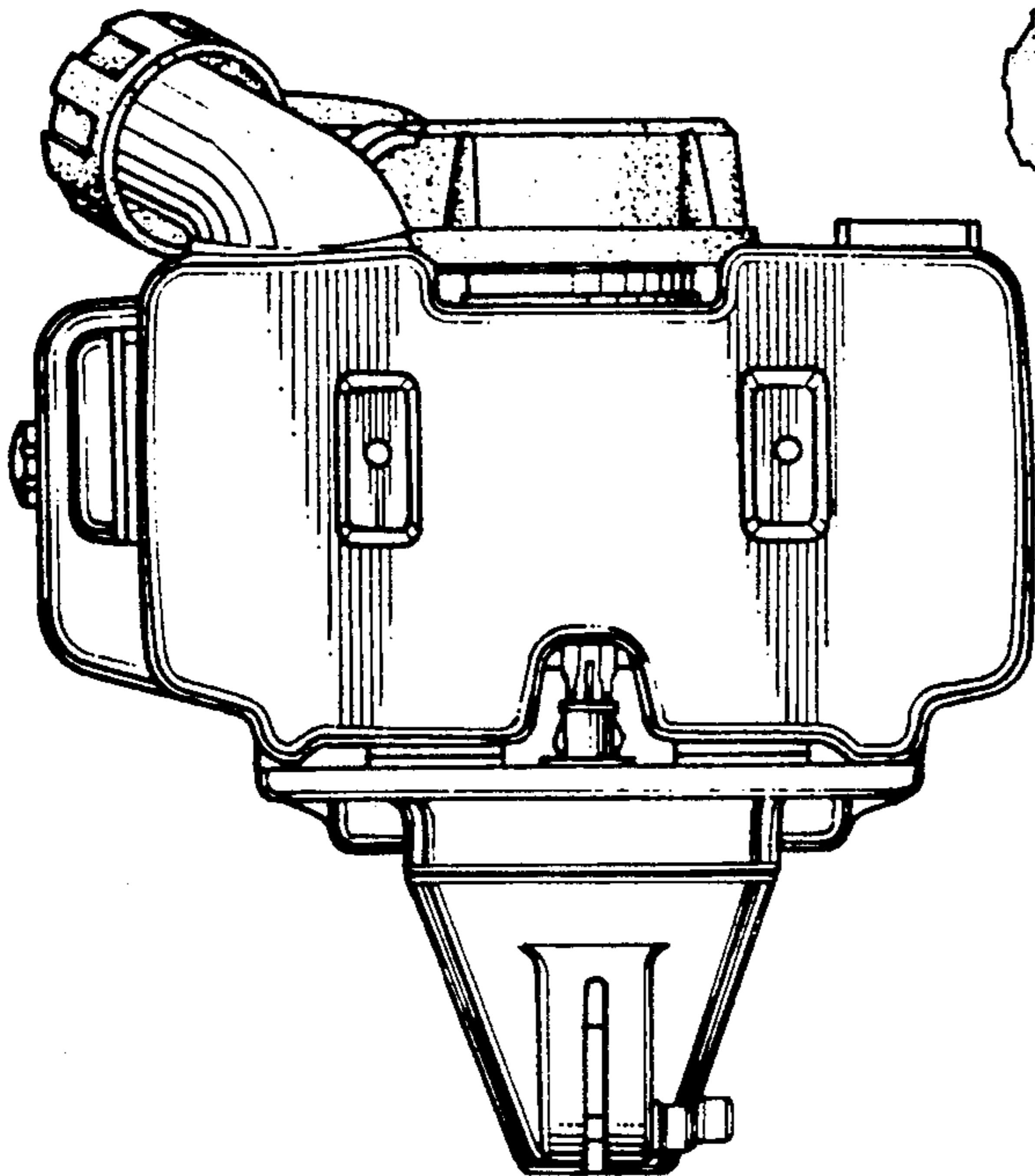


FIG. 13

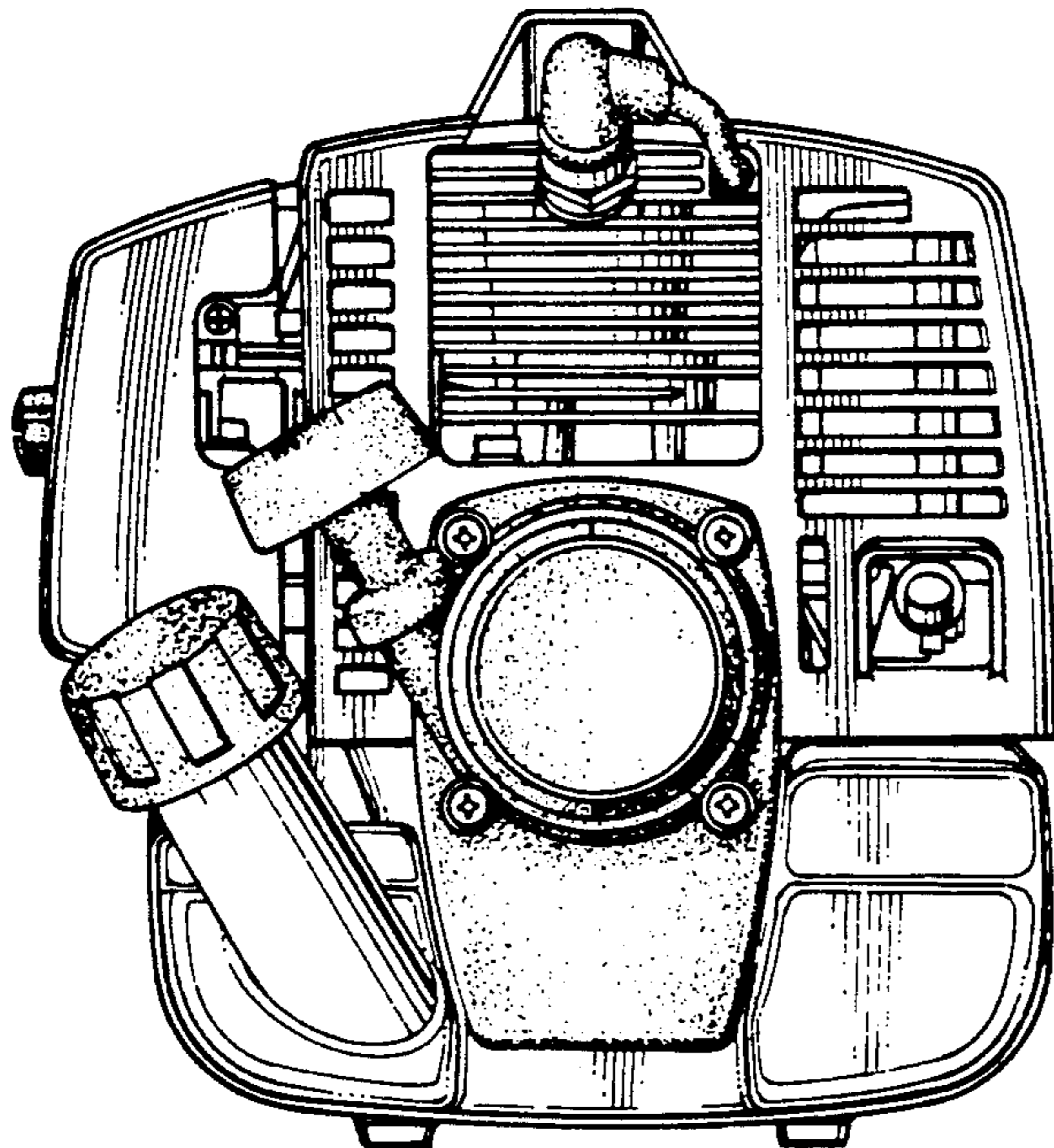


FIG. 15

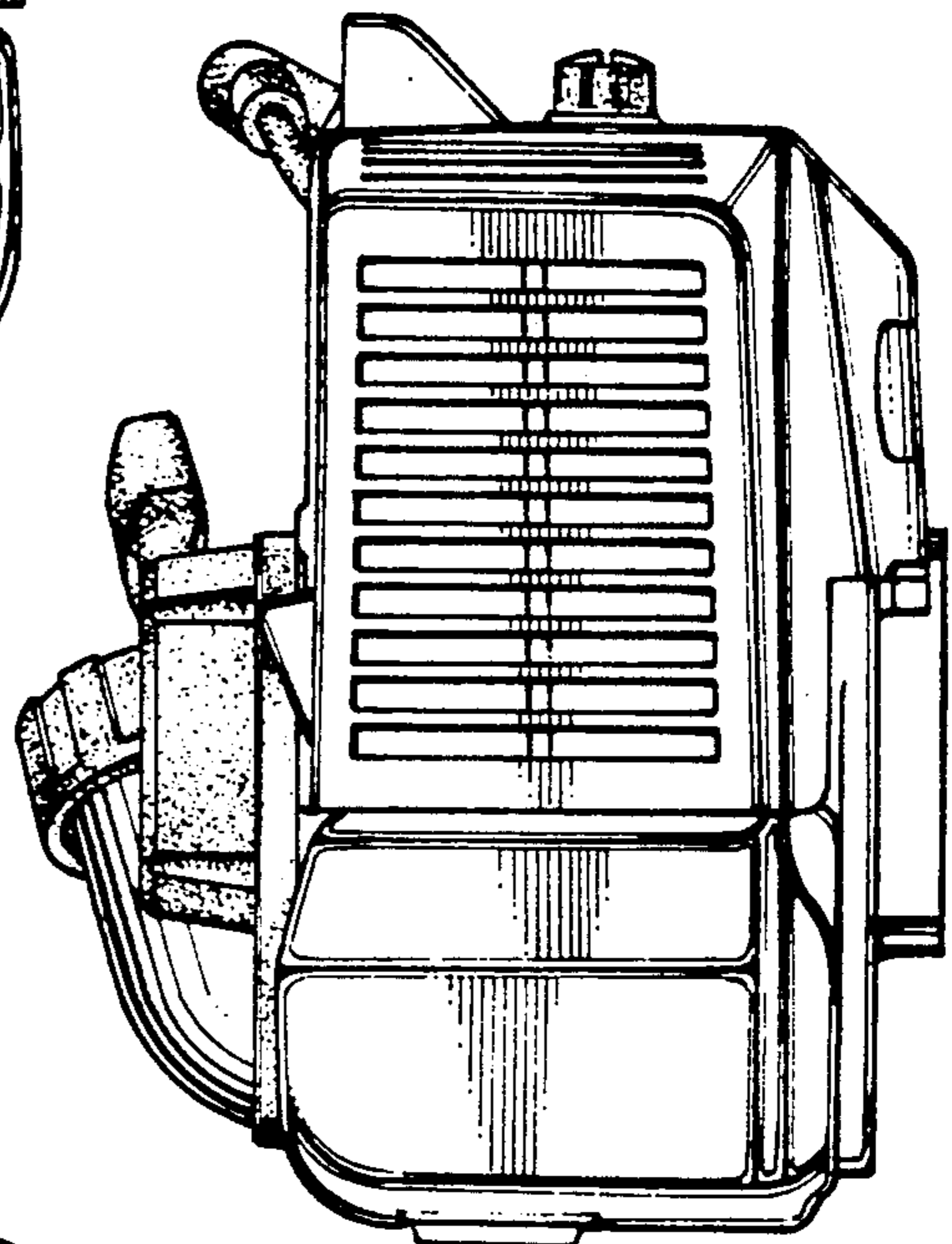


FIG. 14

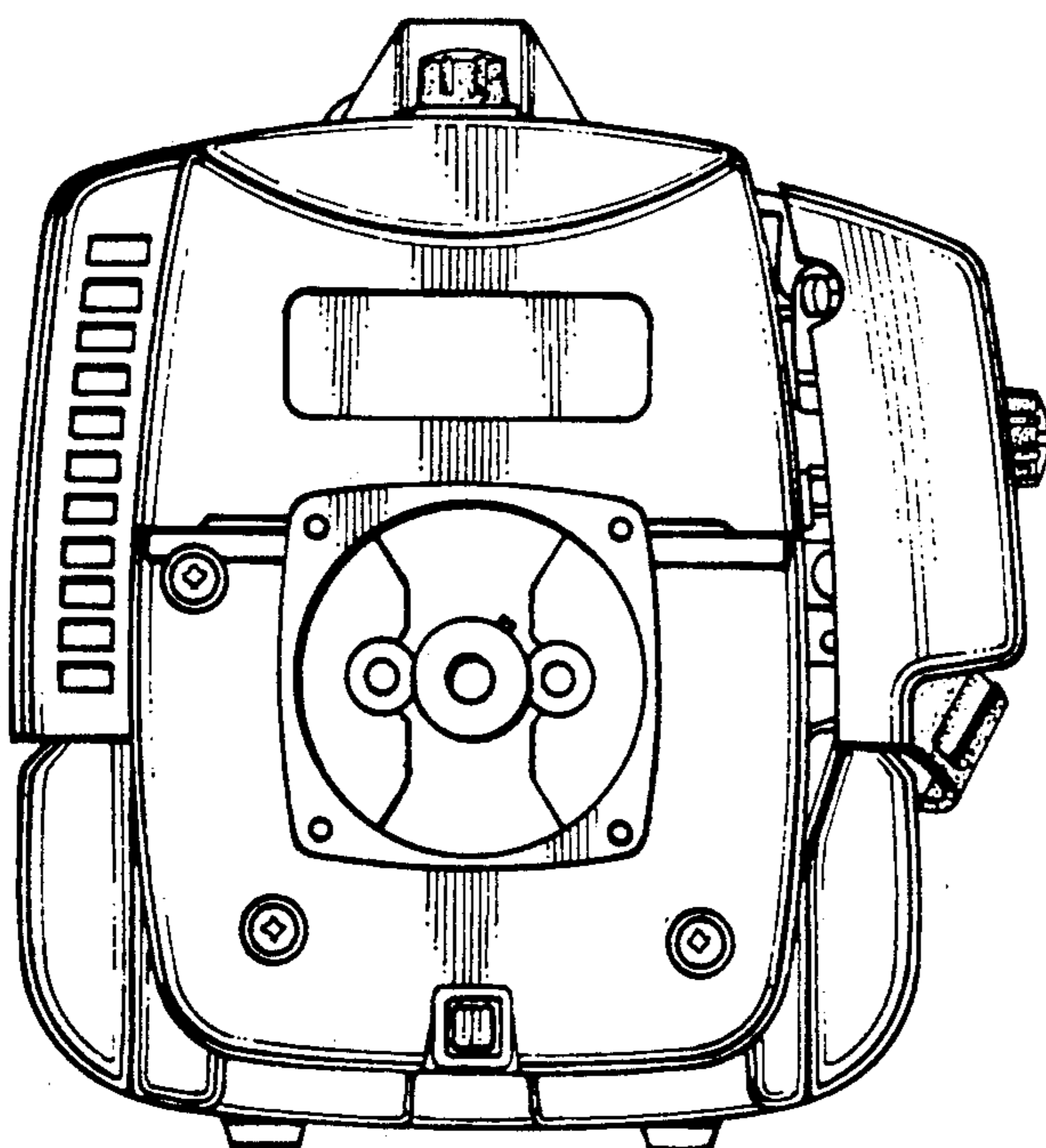


FIG. 16

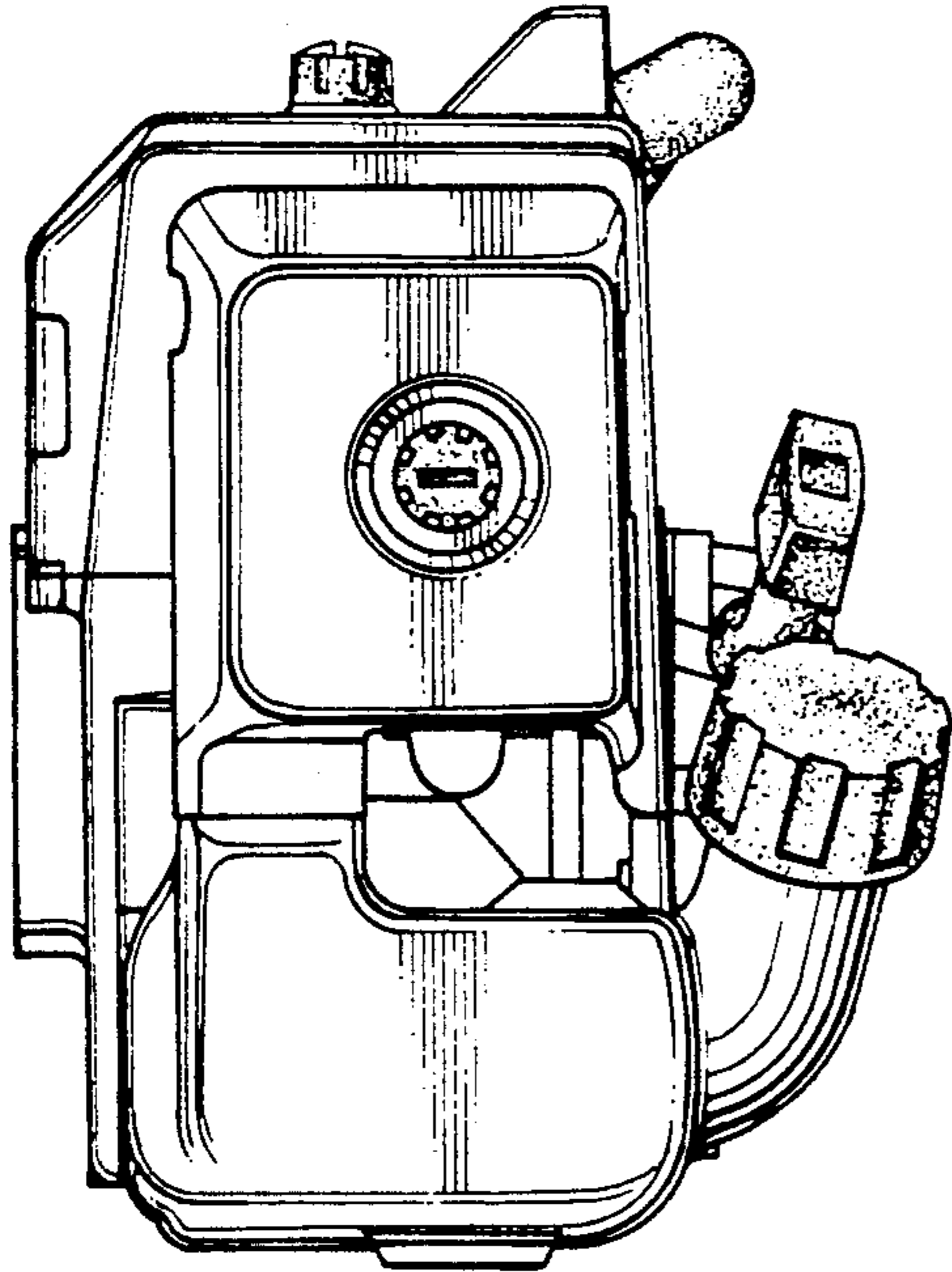


FIG. 17

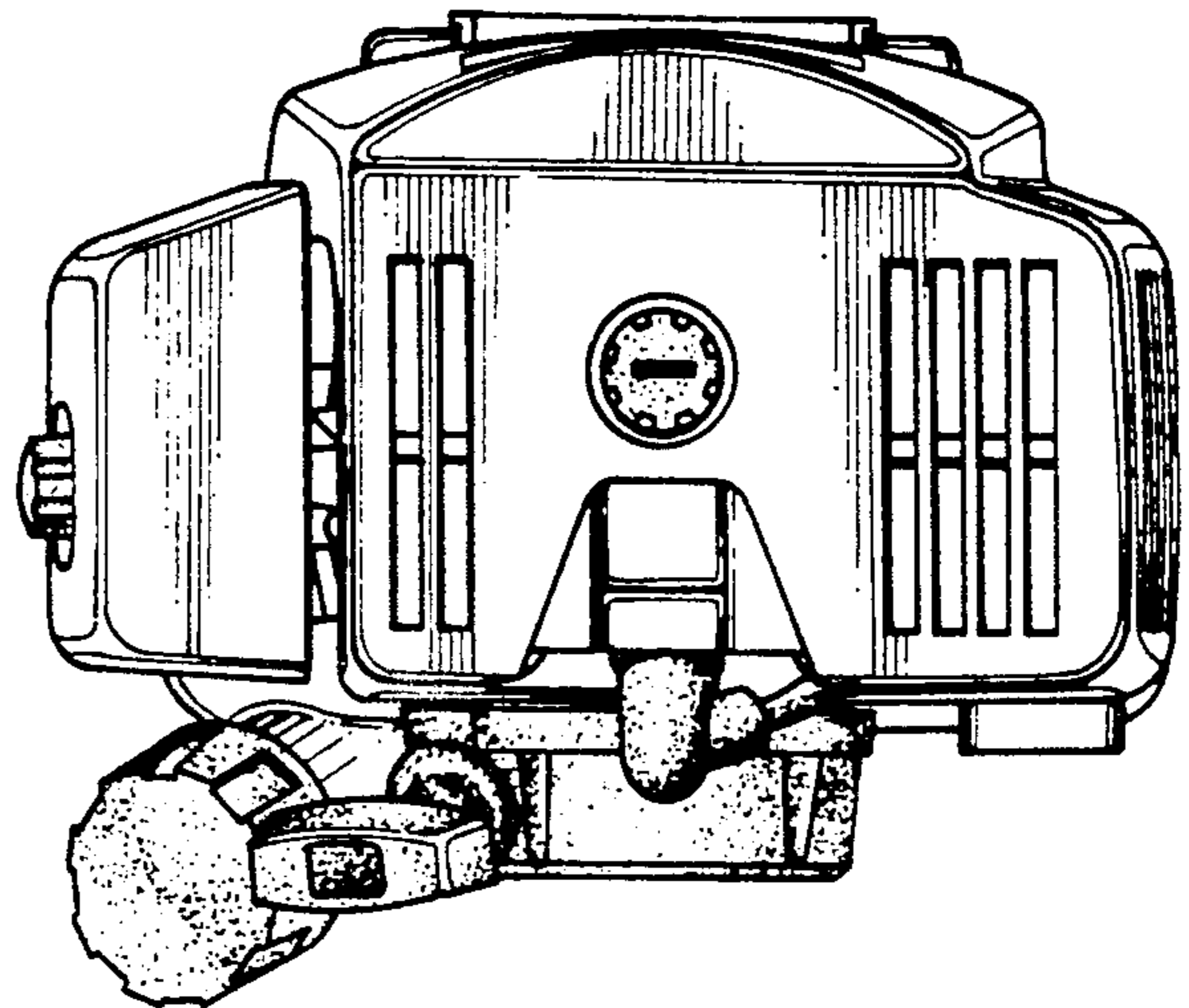


FIG. 18

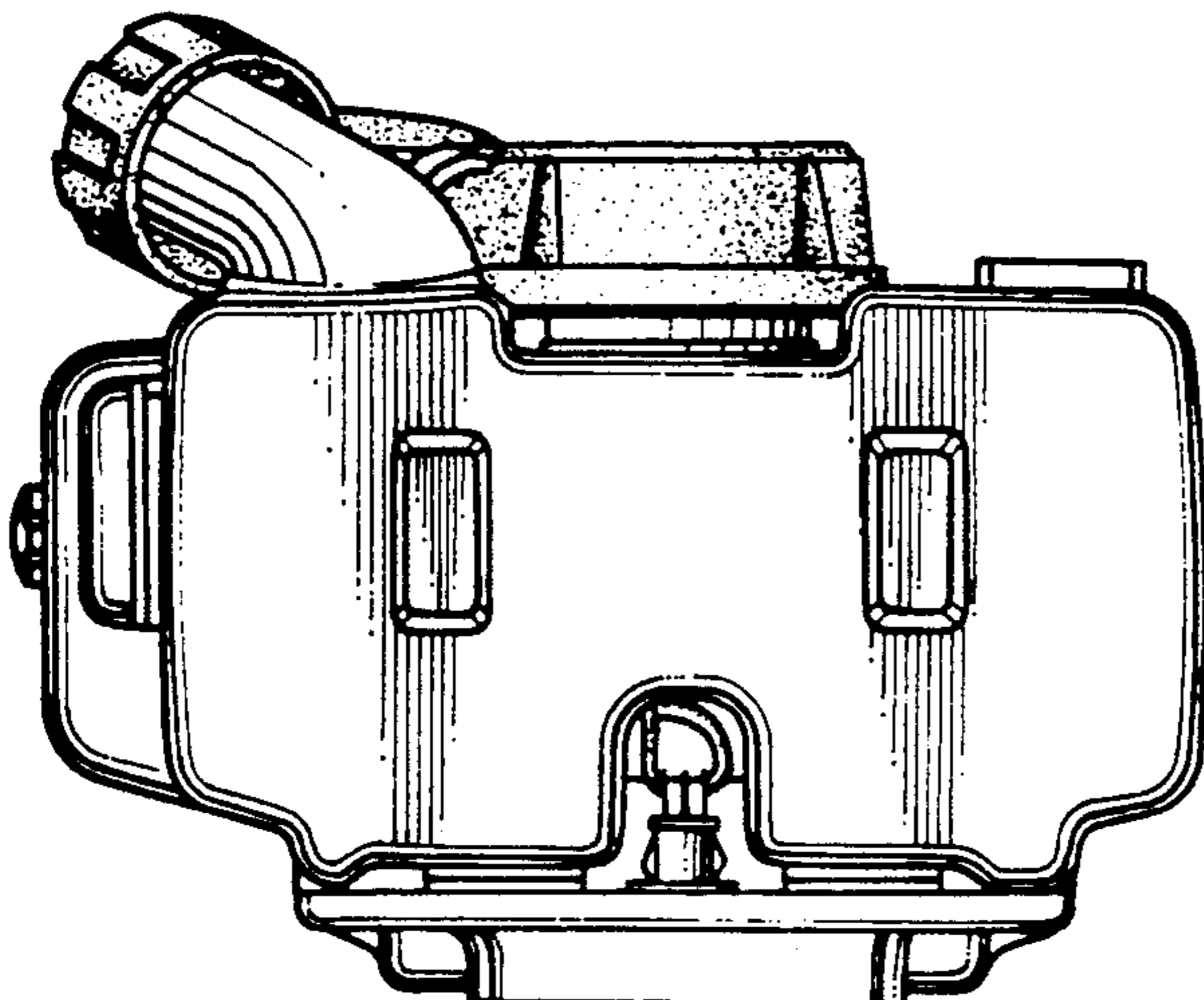


FIG. 19

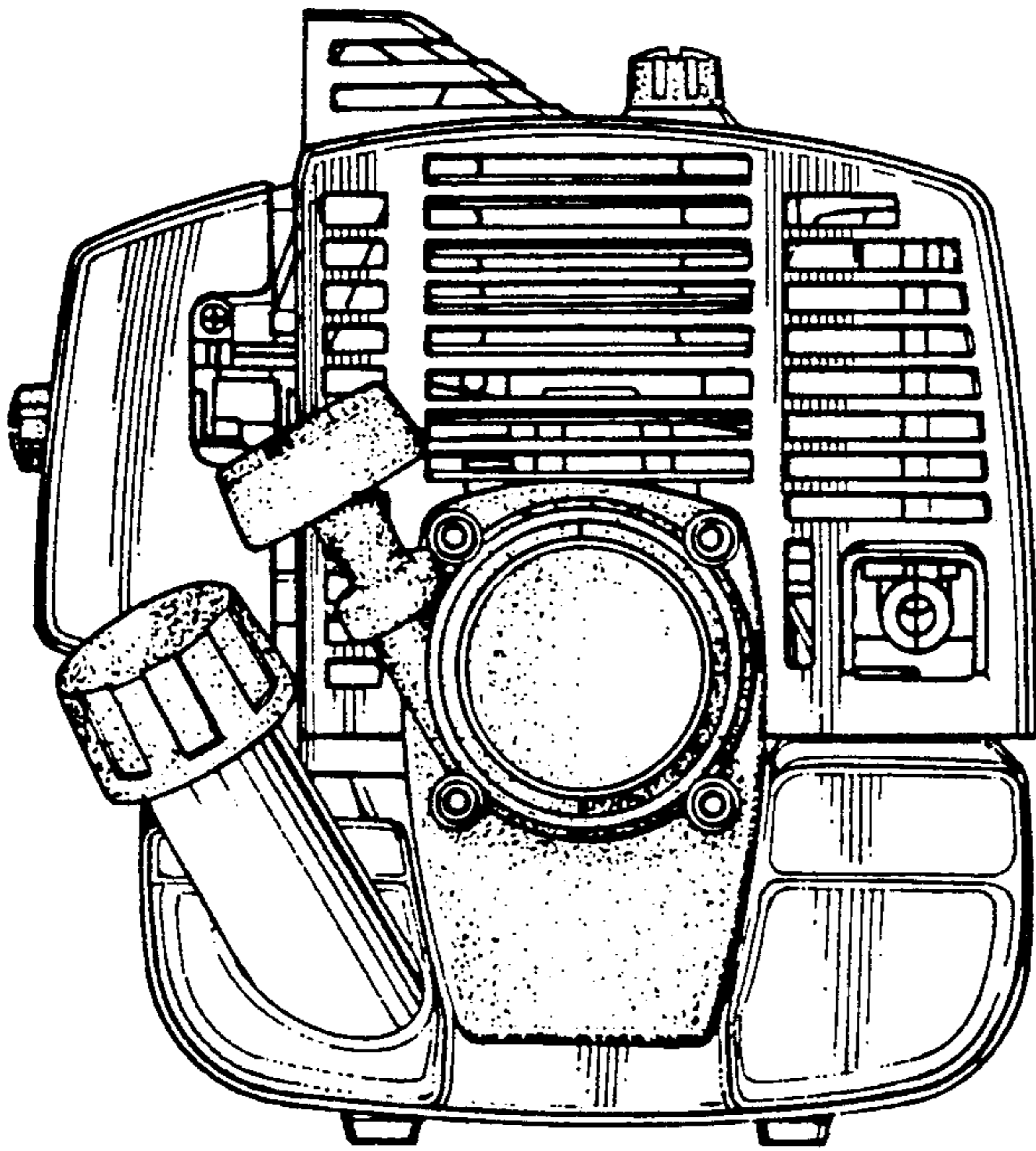


FIG. 21

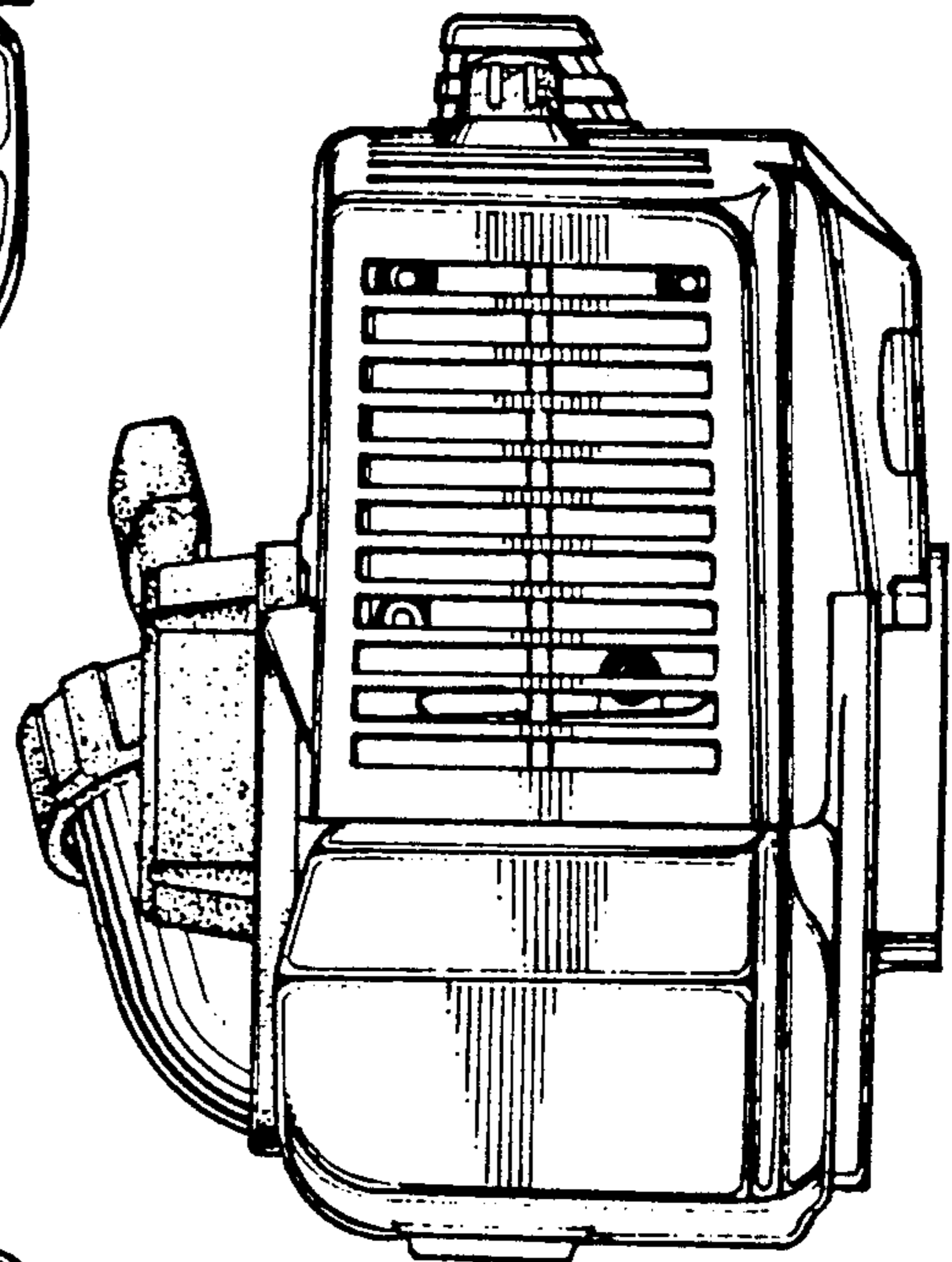


FIG. 20

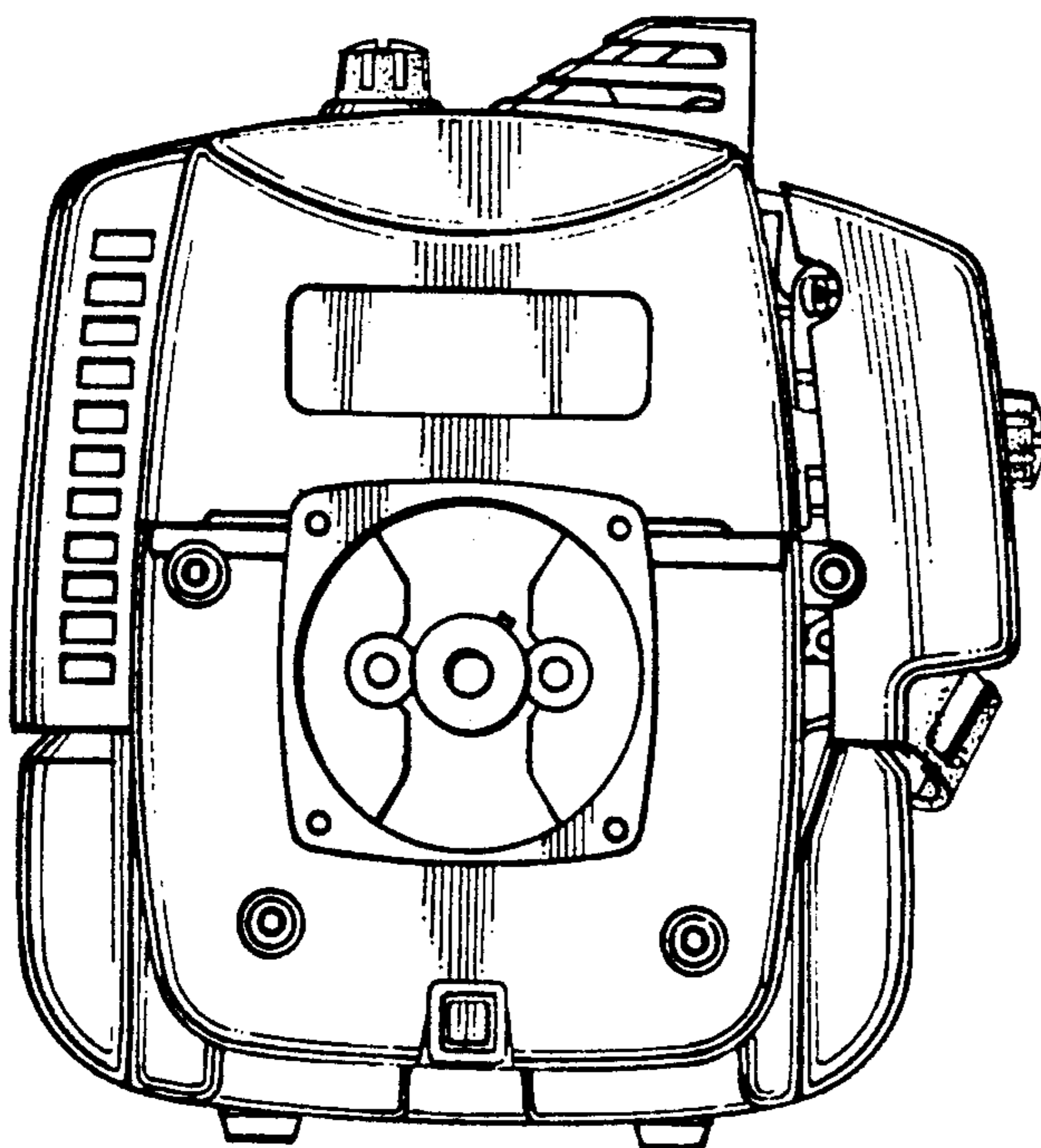




FIG. 22

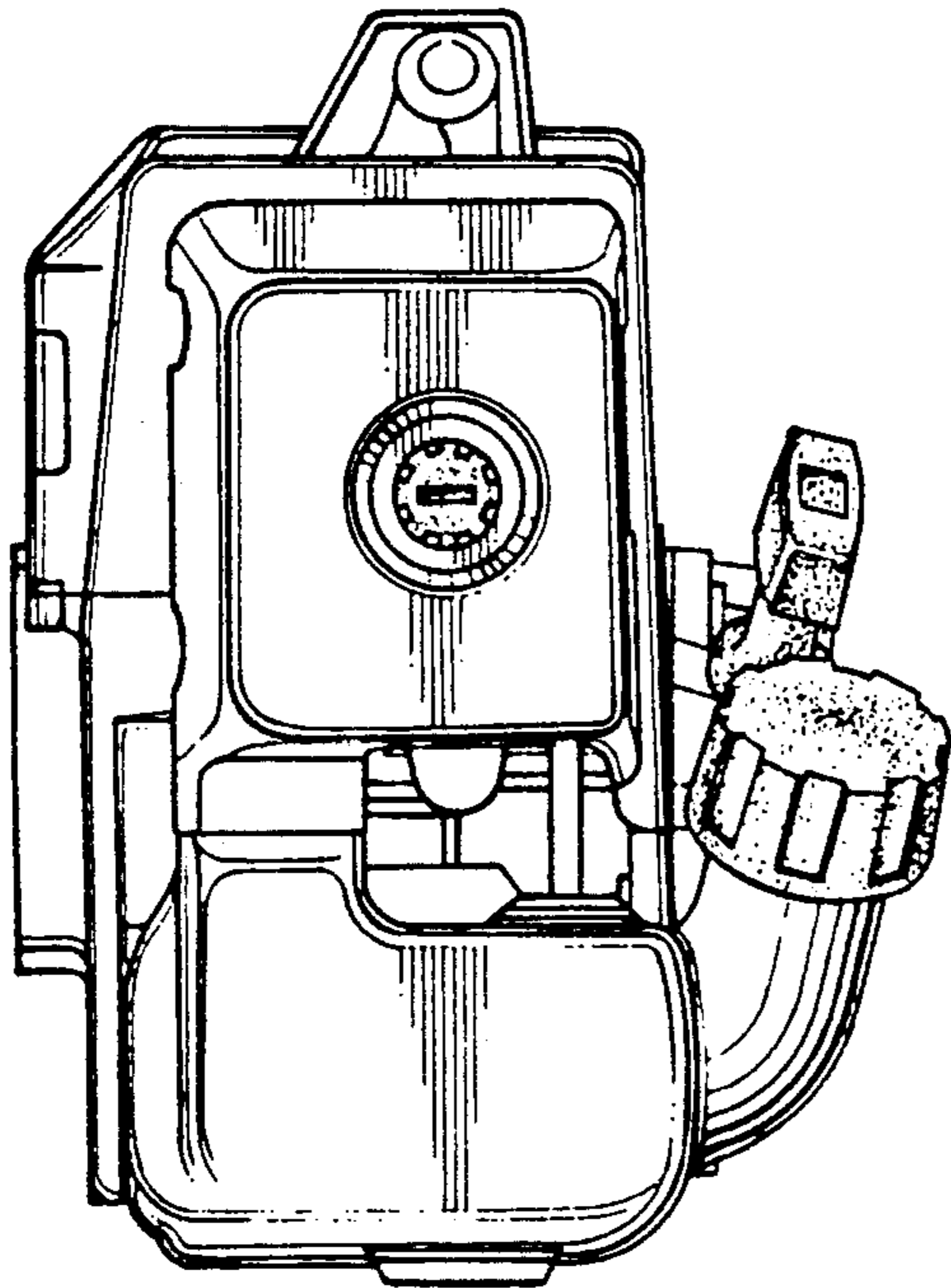


FIG. 23

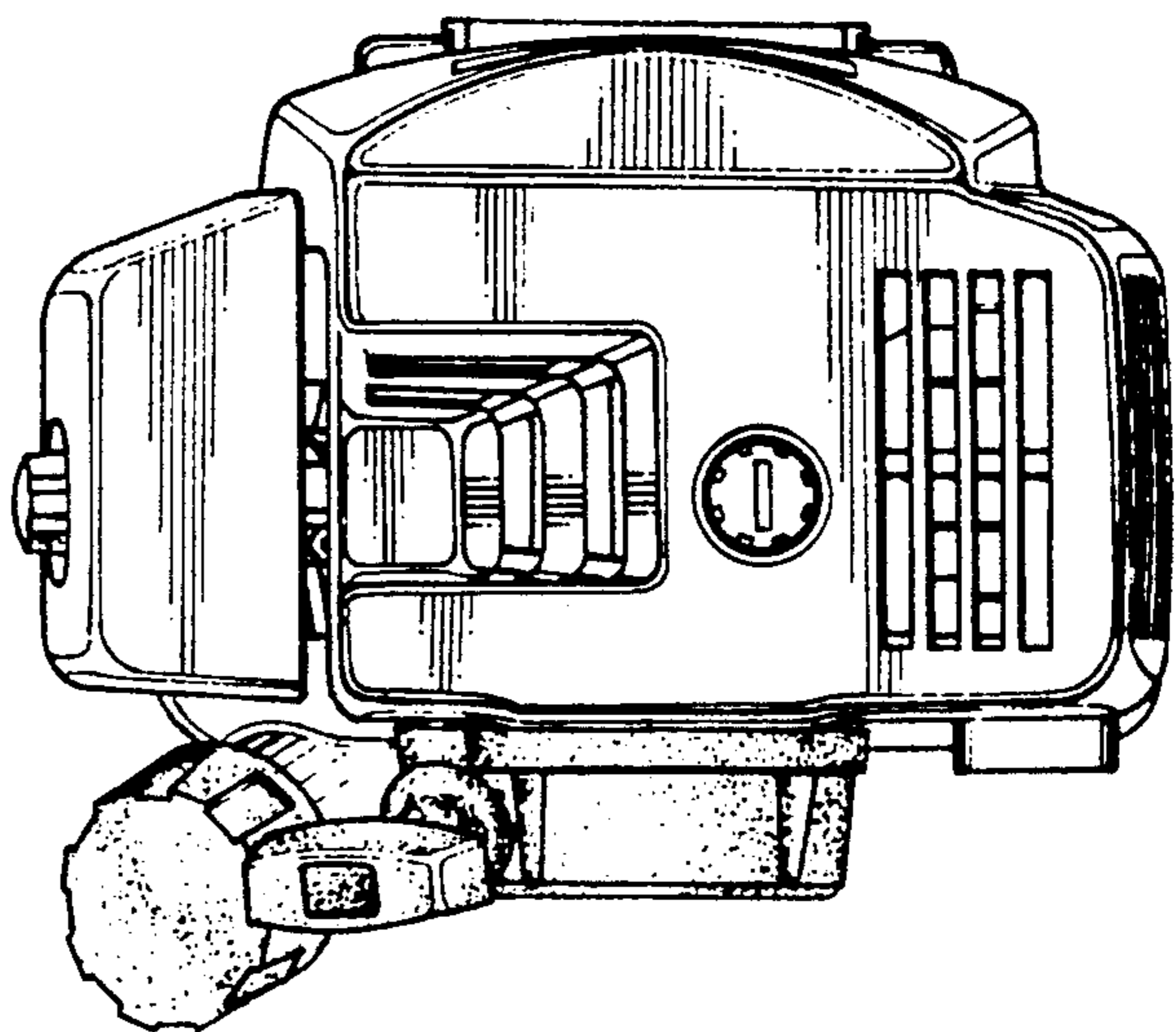
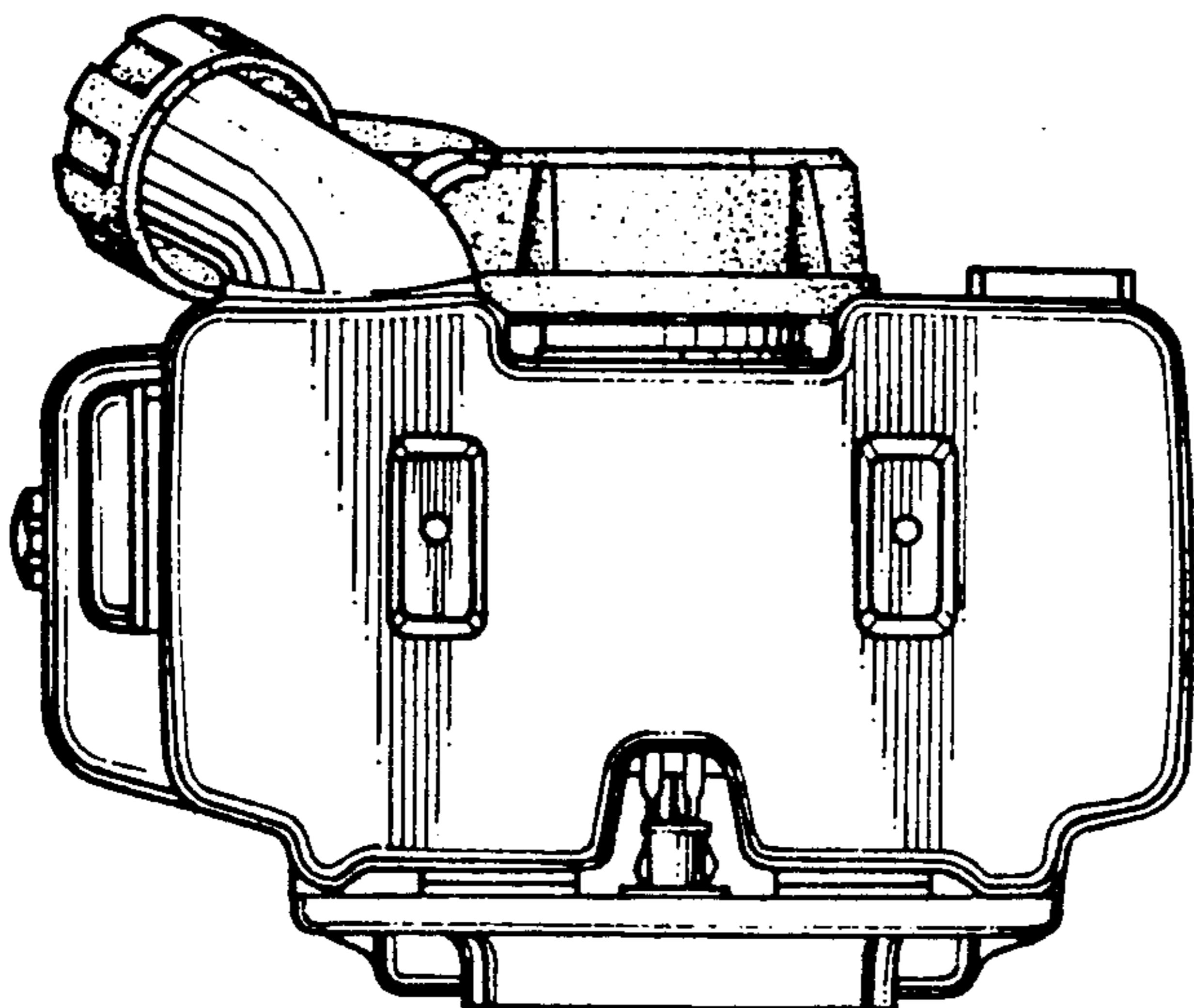


FIG. 24



UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : Des. 324,221

DATED : Feb. 25, 1992

INVENTOR(S) : Katsumi Kiyooka and Kaori Katoh

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the title page, add the following Foreign Application Priority Data:

--Jul. 5, 1989 [JP] Japan .....1-24619  
Jul. 5, 1989 [JP] Japan .....1-24620--.

**Signed and Sealed this  
Twenty-first Day of April, 1992**

*Attest:*

HARRY F. MANBECK, JR.

*Attesting Officer*

*Commissioner of Patents and Trademarks*