



US00D324221S

# United States Patent [19]

Kiyooka et al.

[11] Patent Number: Des. 324,221

[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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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.

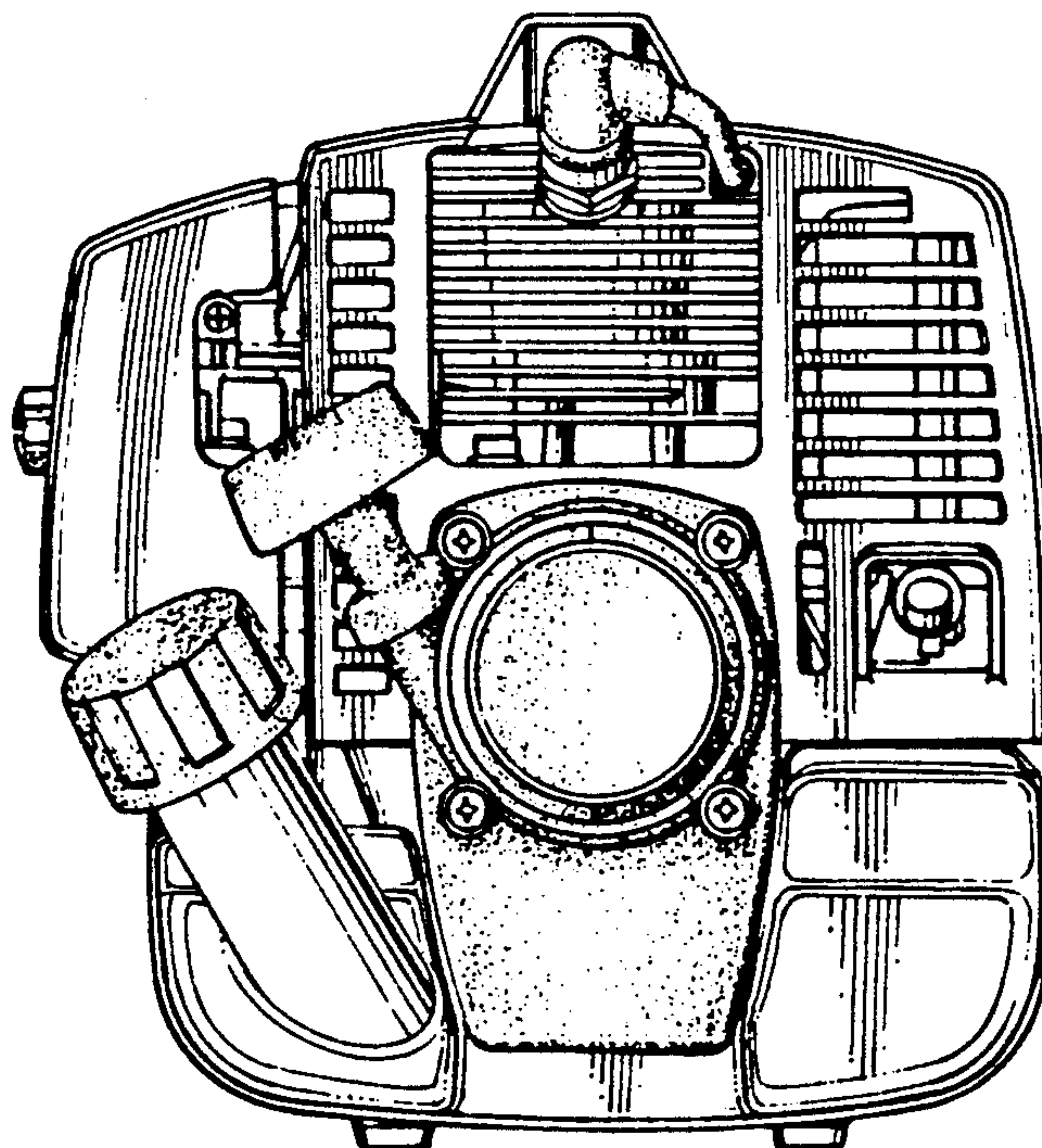


FIG. 1

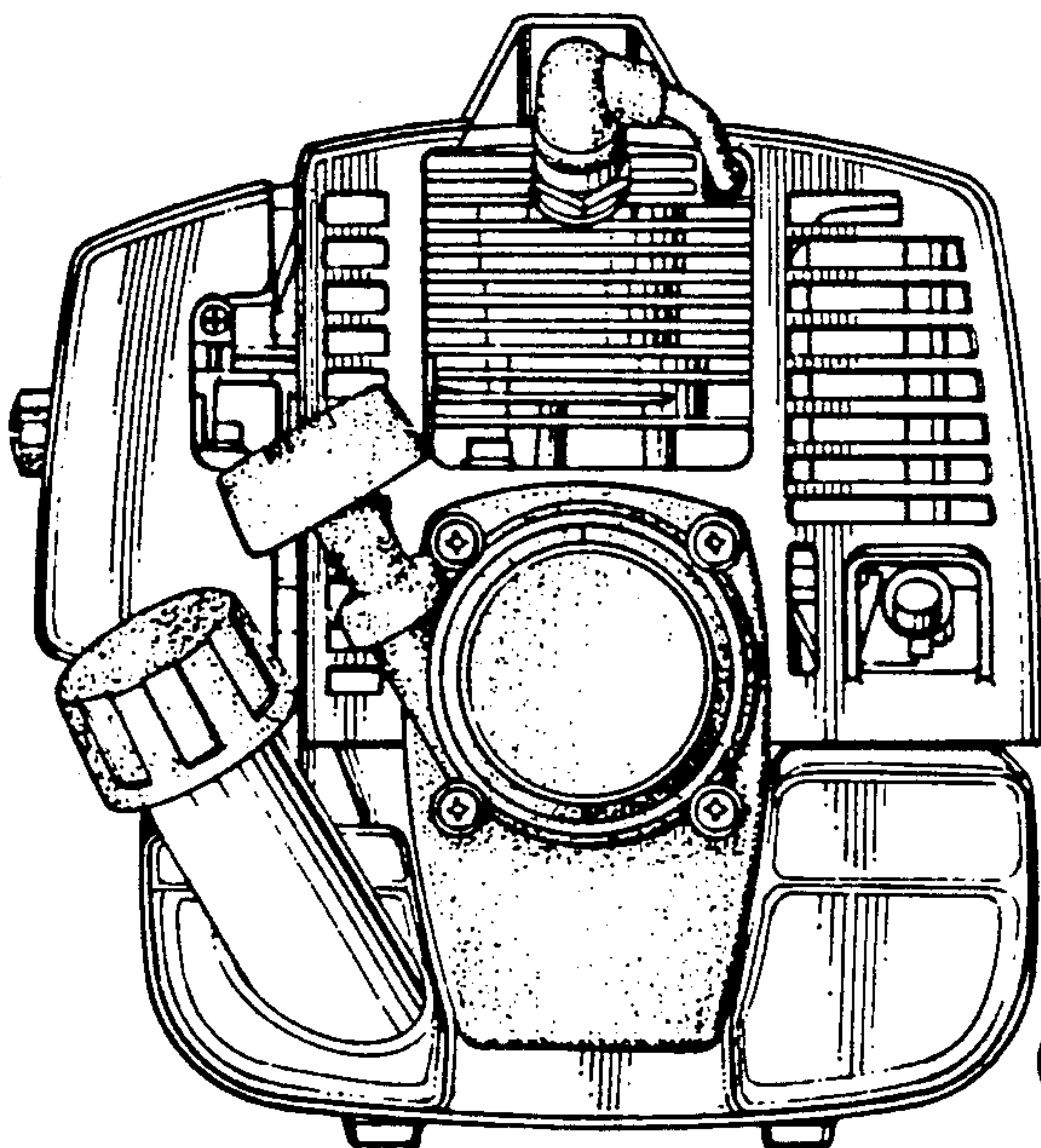


FIG. 3

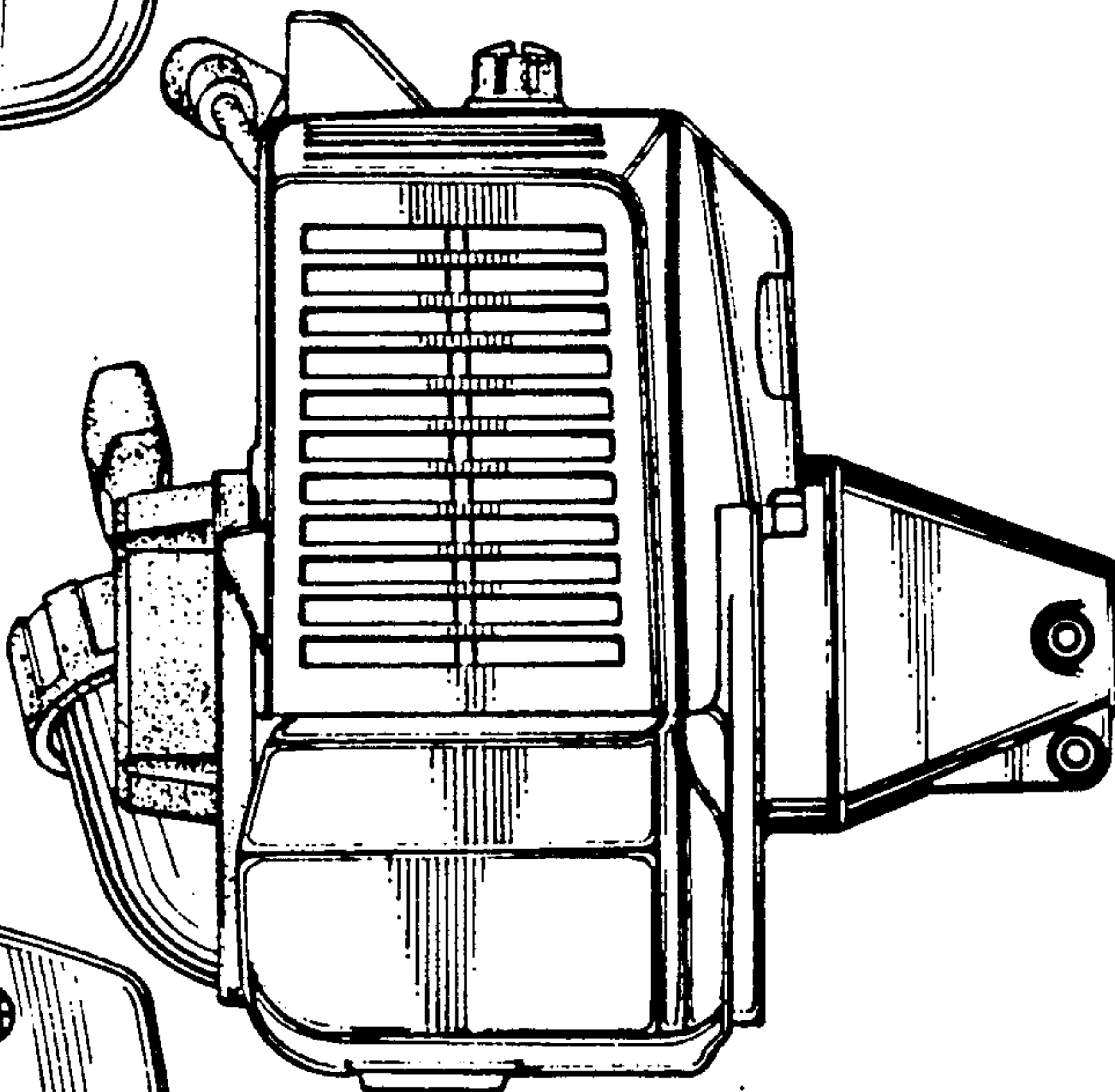


FIG. 2

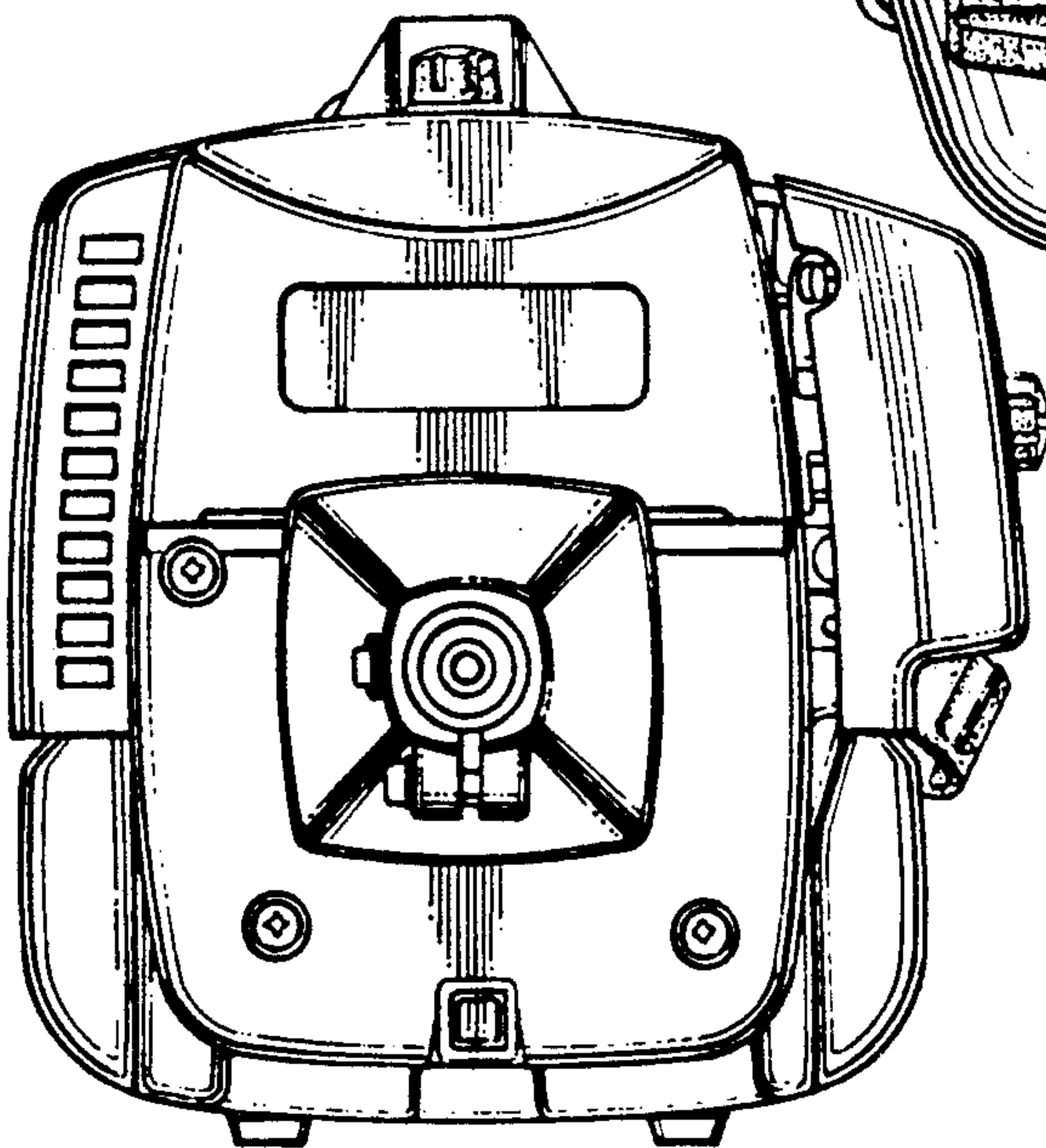




FIG. 4

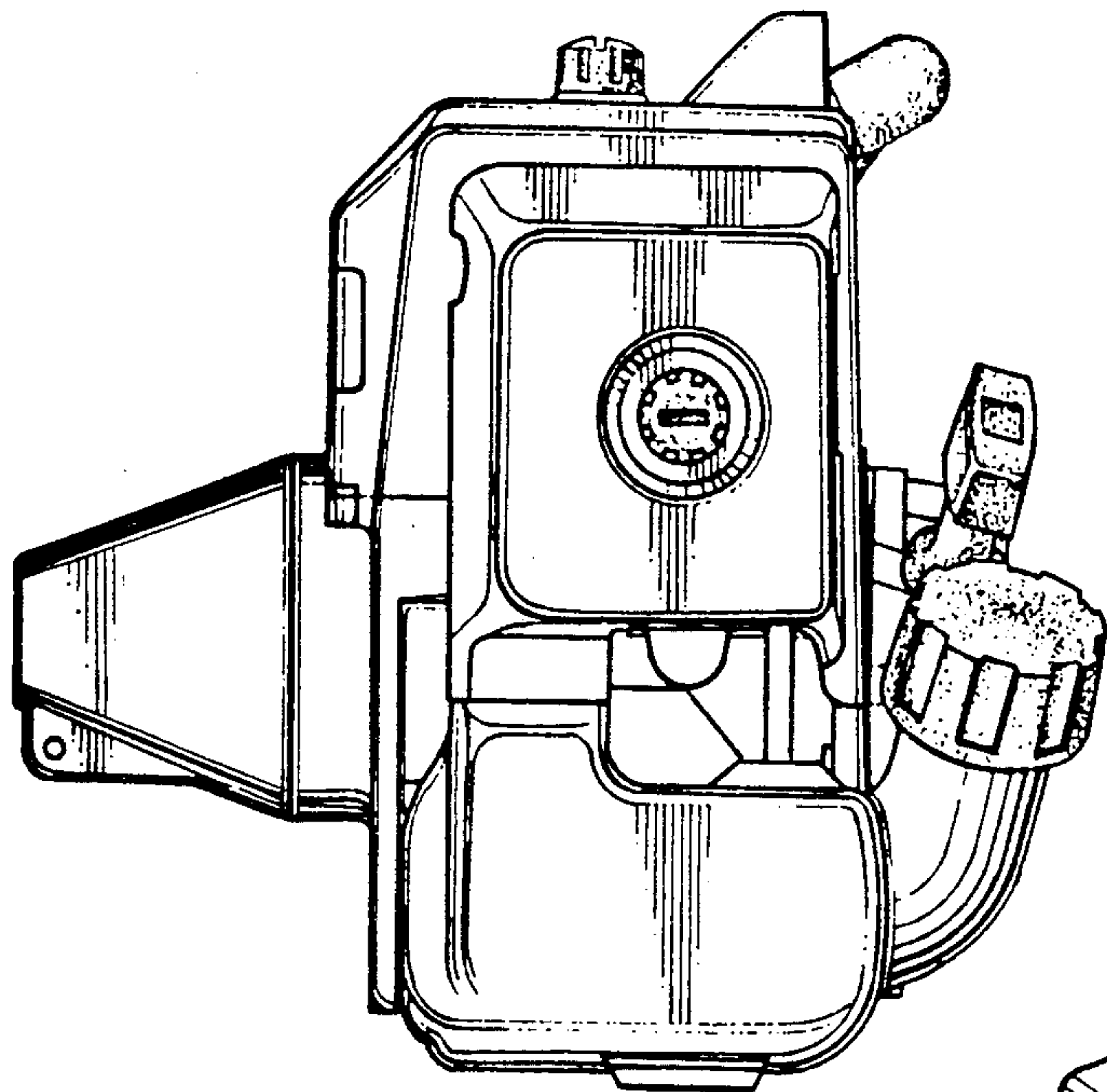


FIG. 5

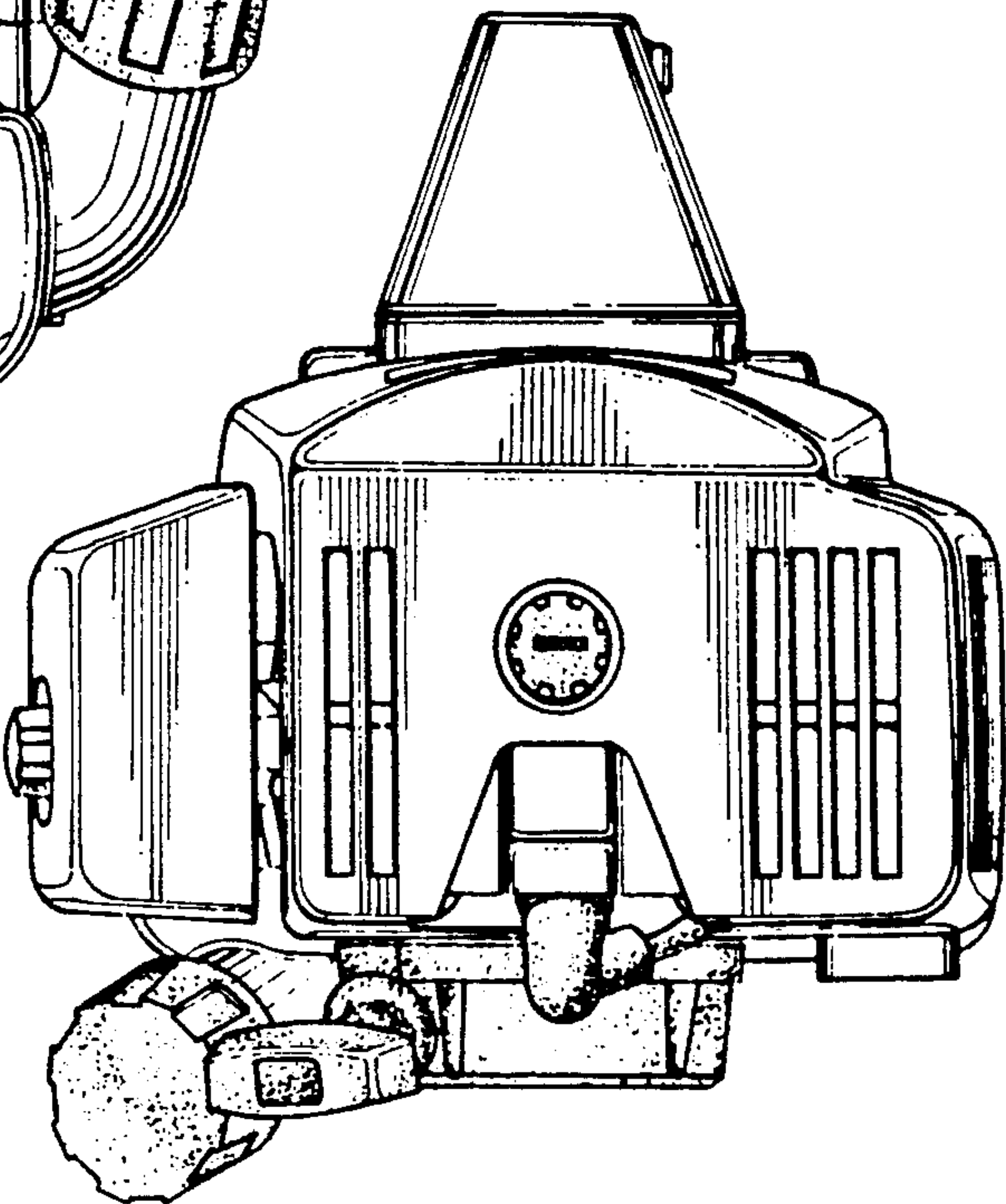


FIG. 6

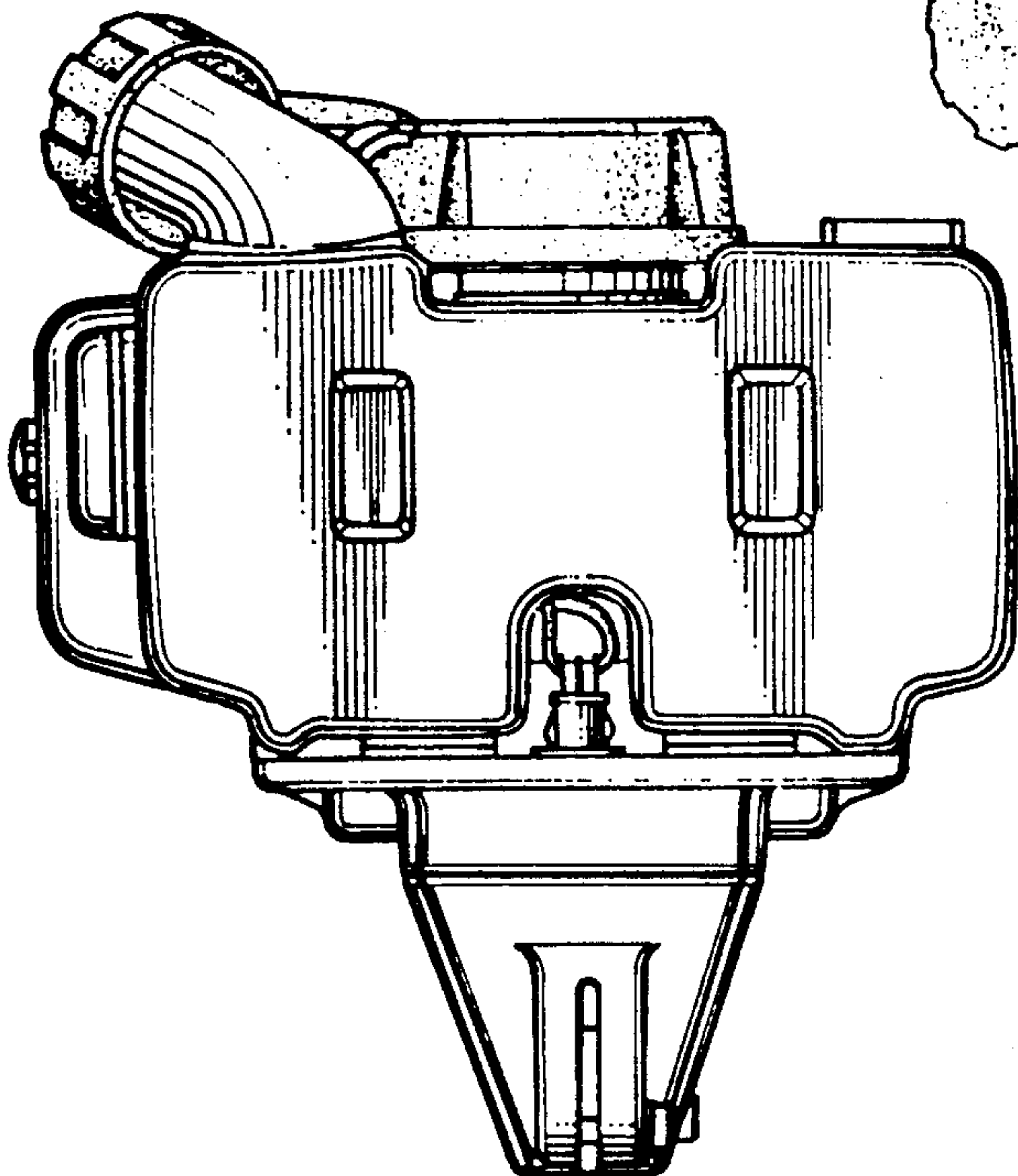


FIG. 7

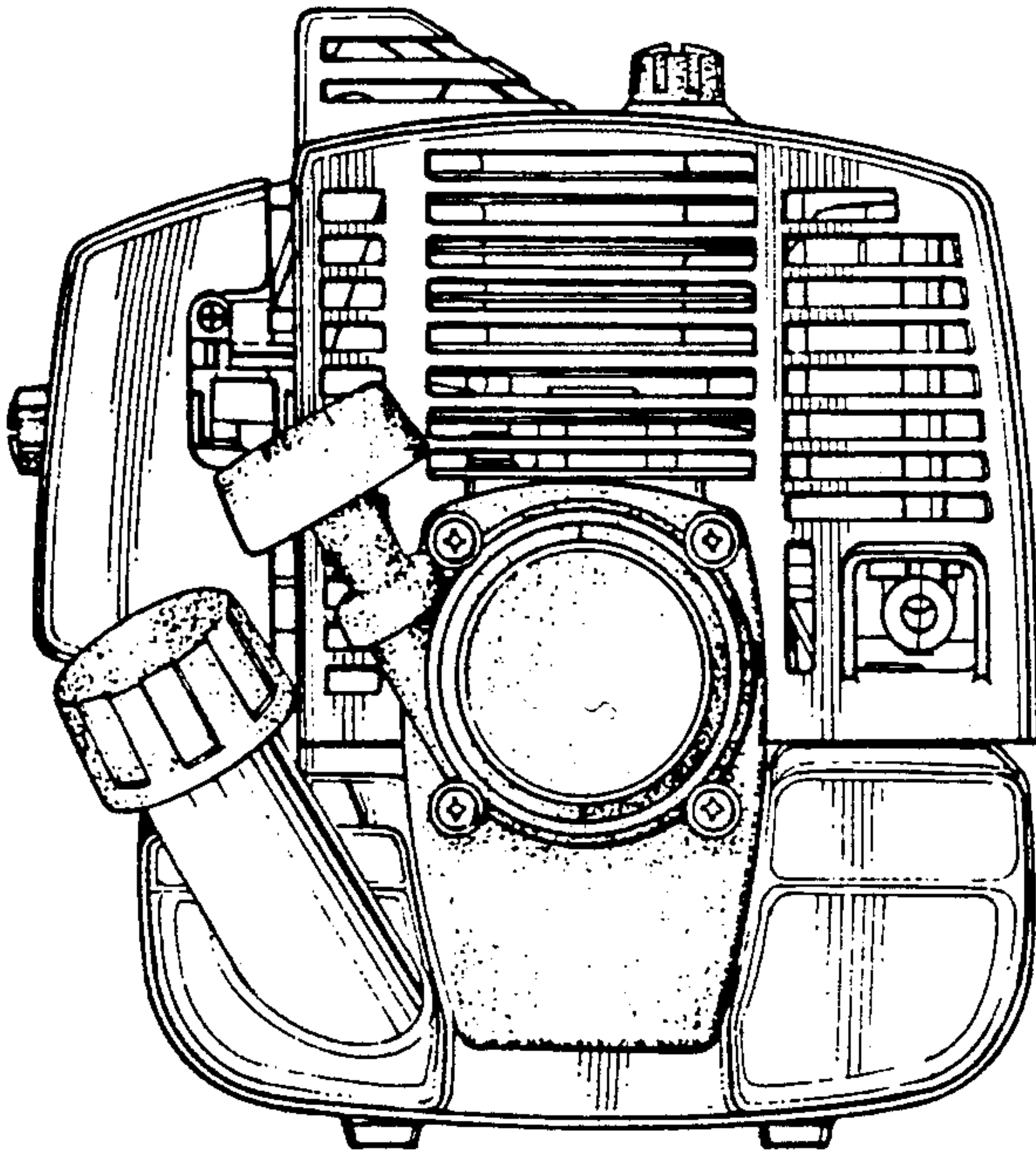


FIG. 9

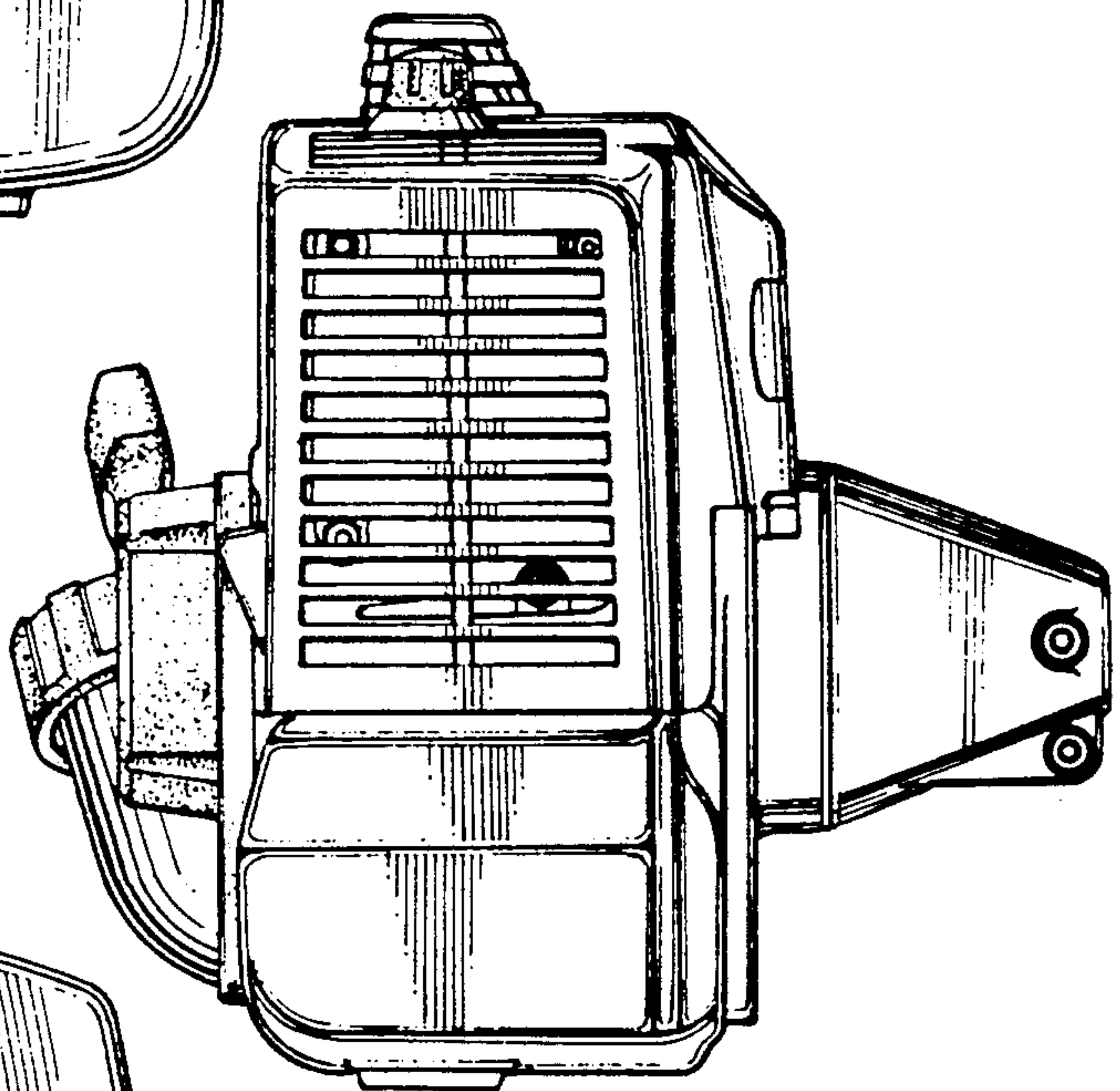


FIG. 8

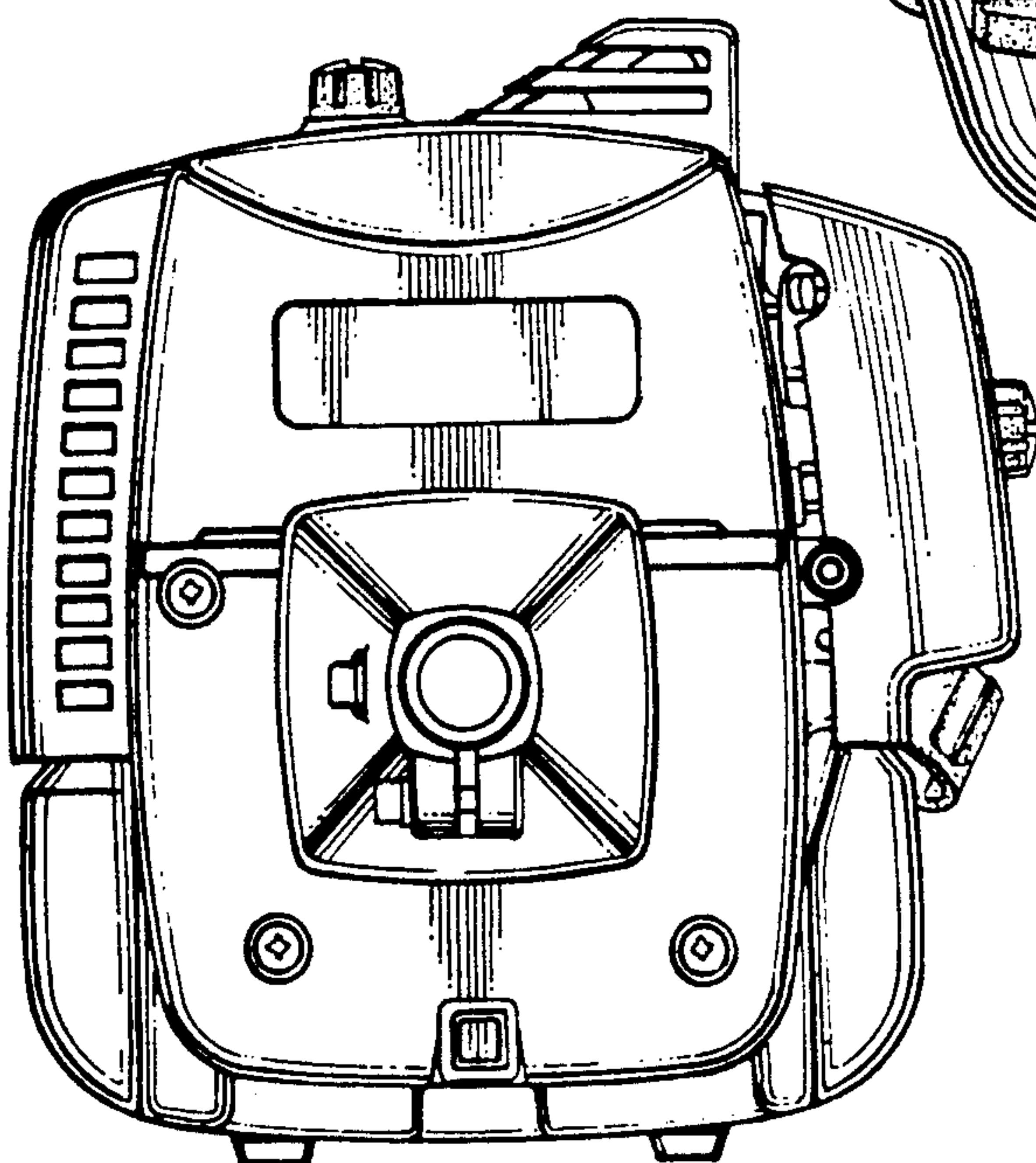


FIG. 10

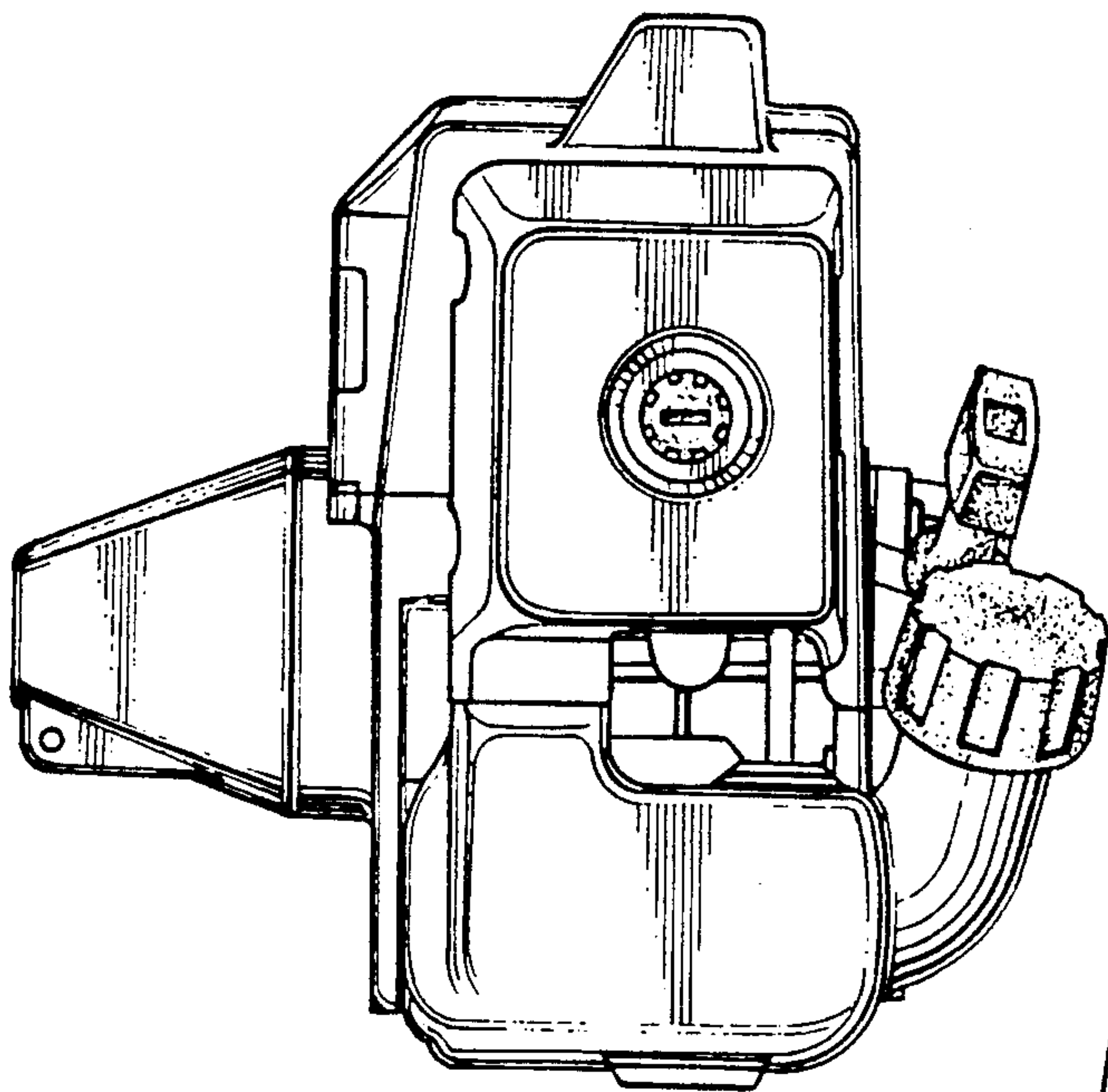


FIG. 11

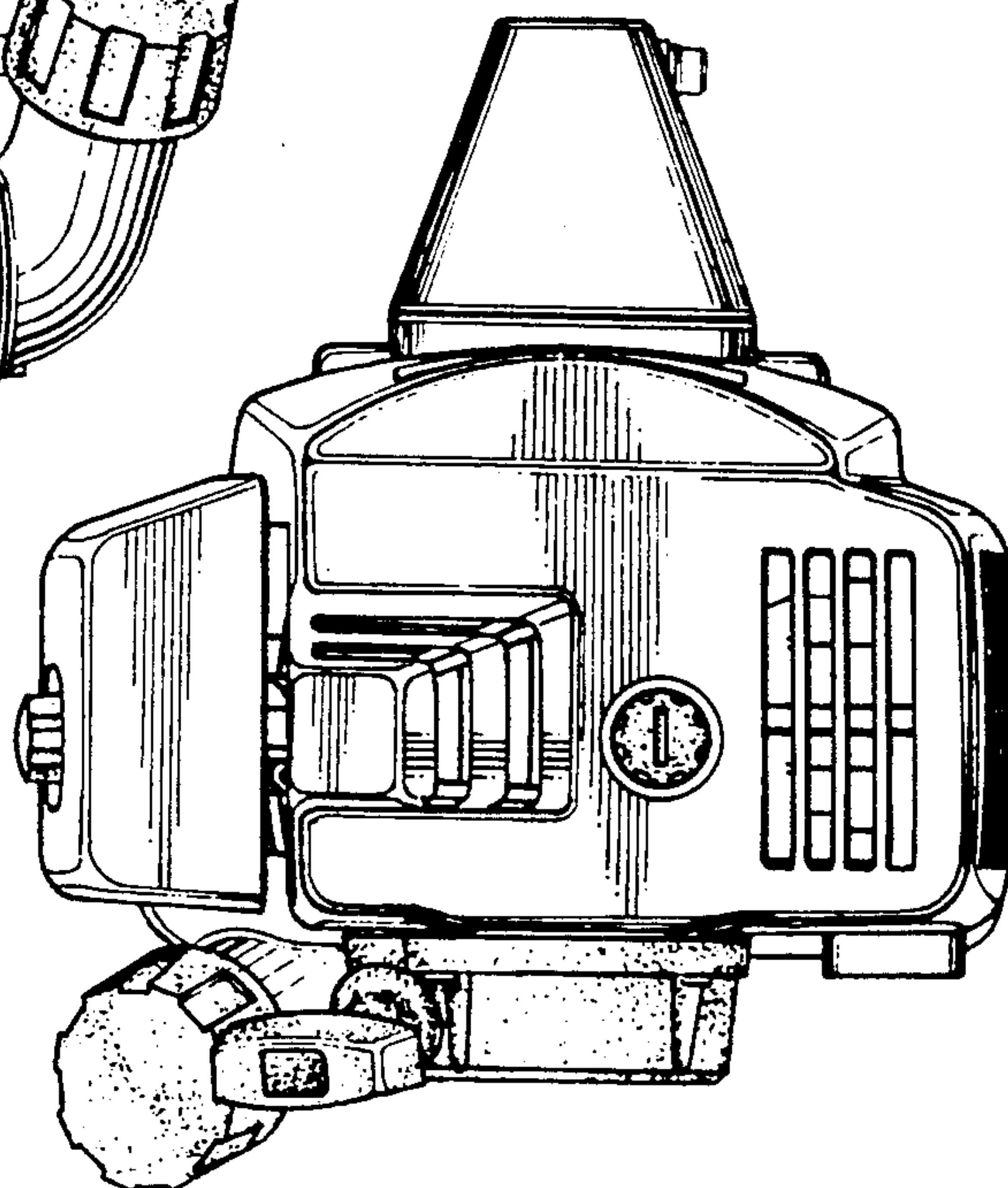


FIG. 12

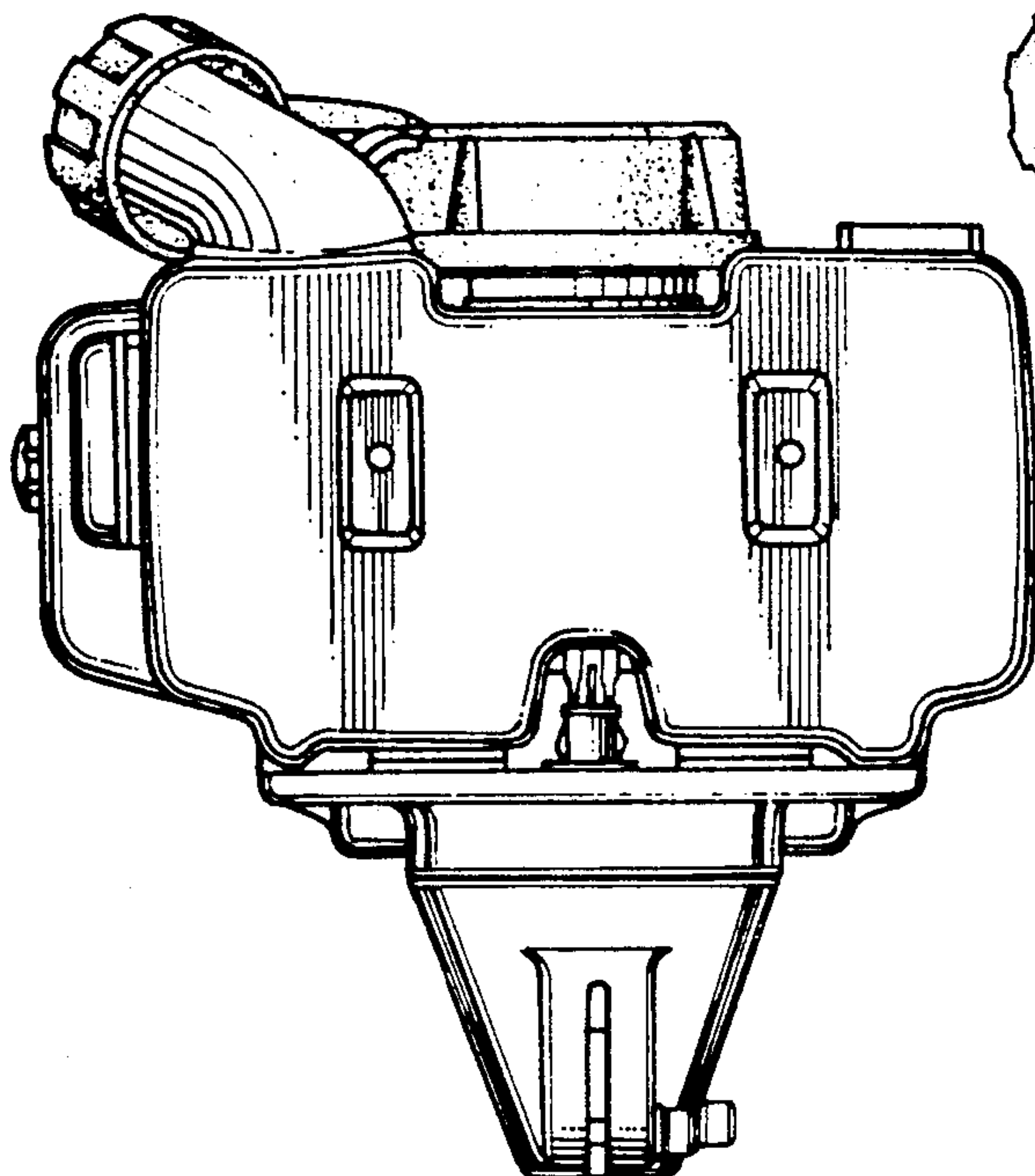




FIG. 13

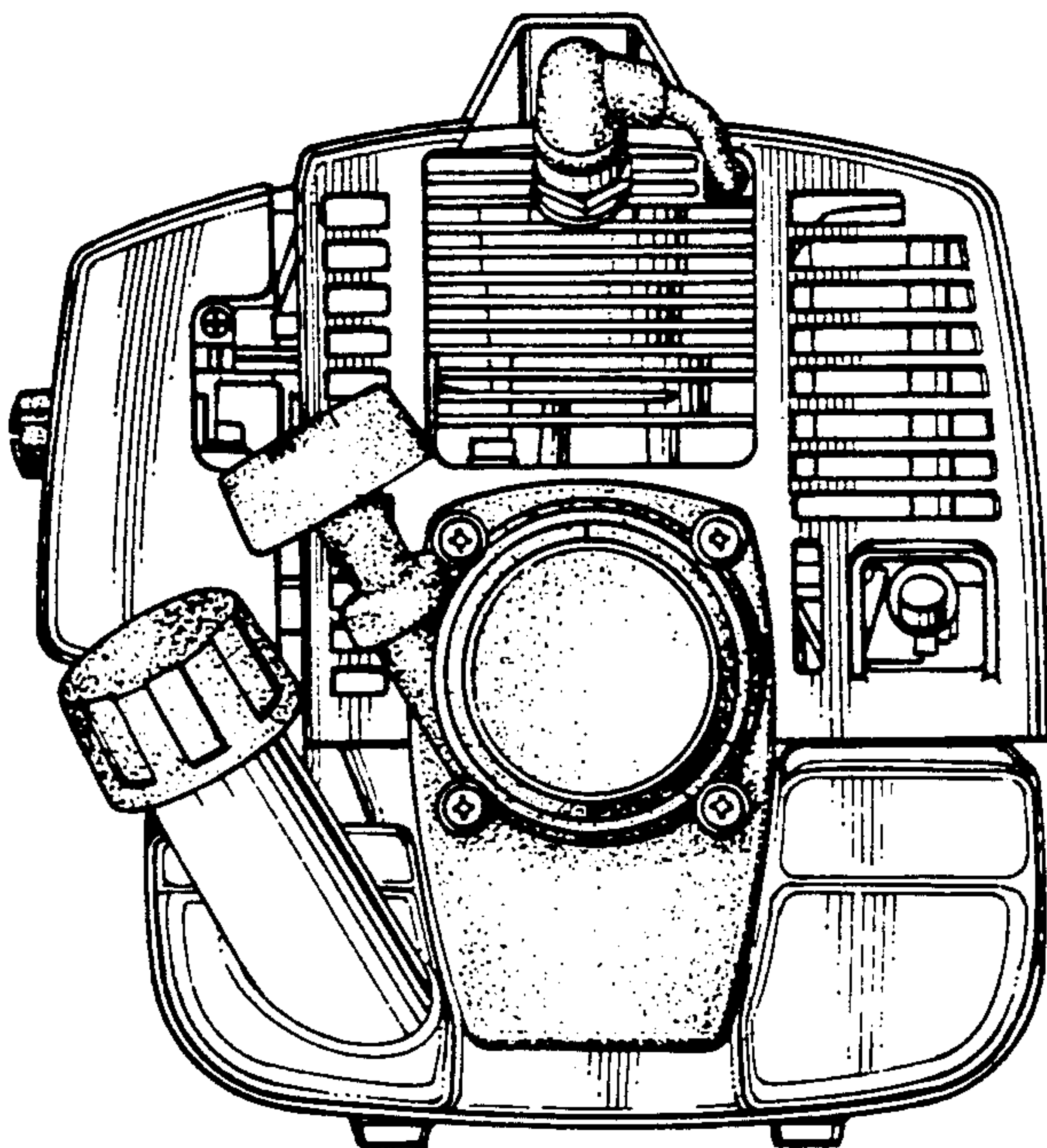


FIG. 15

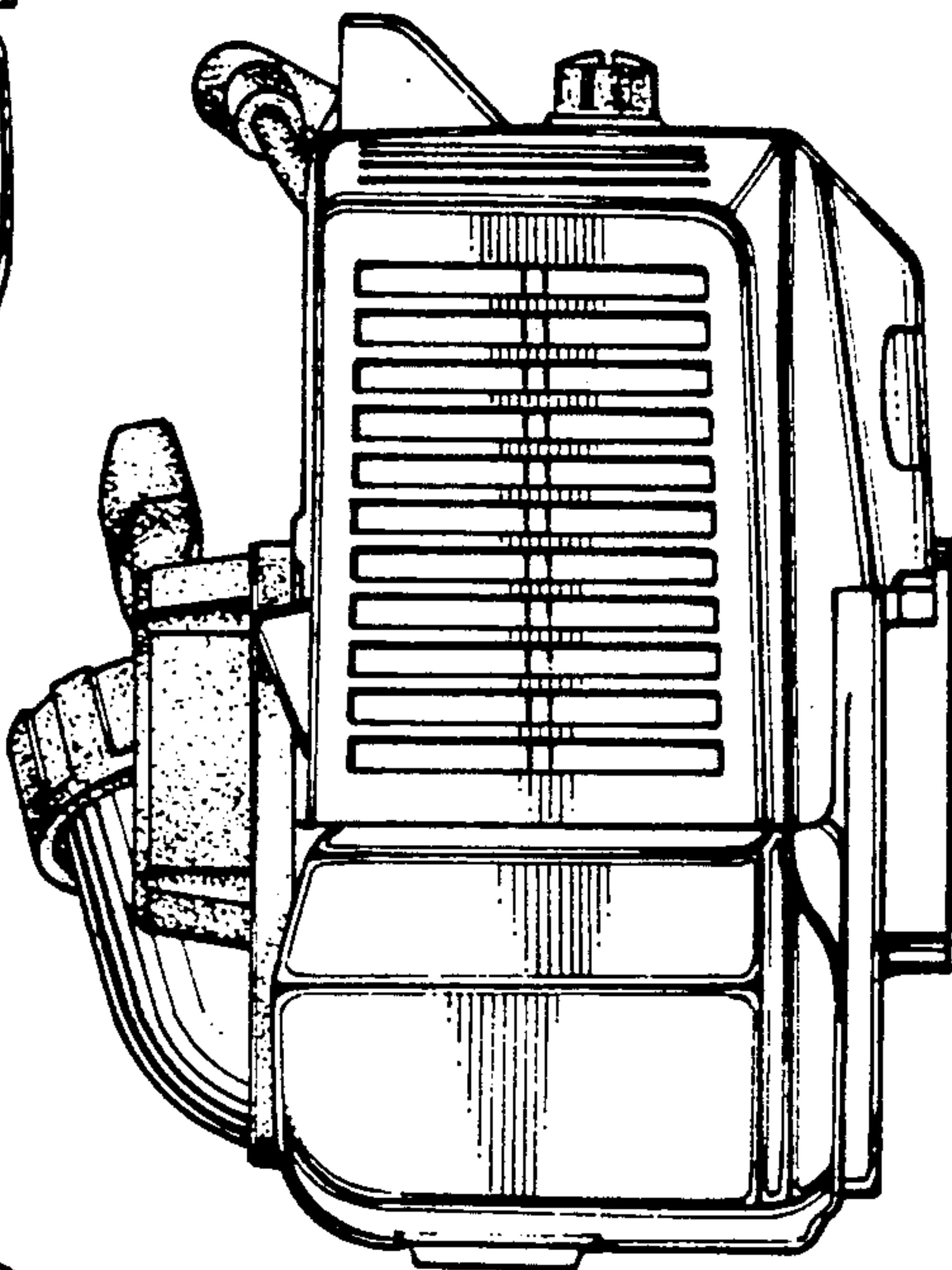


FIG. 14

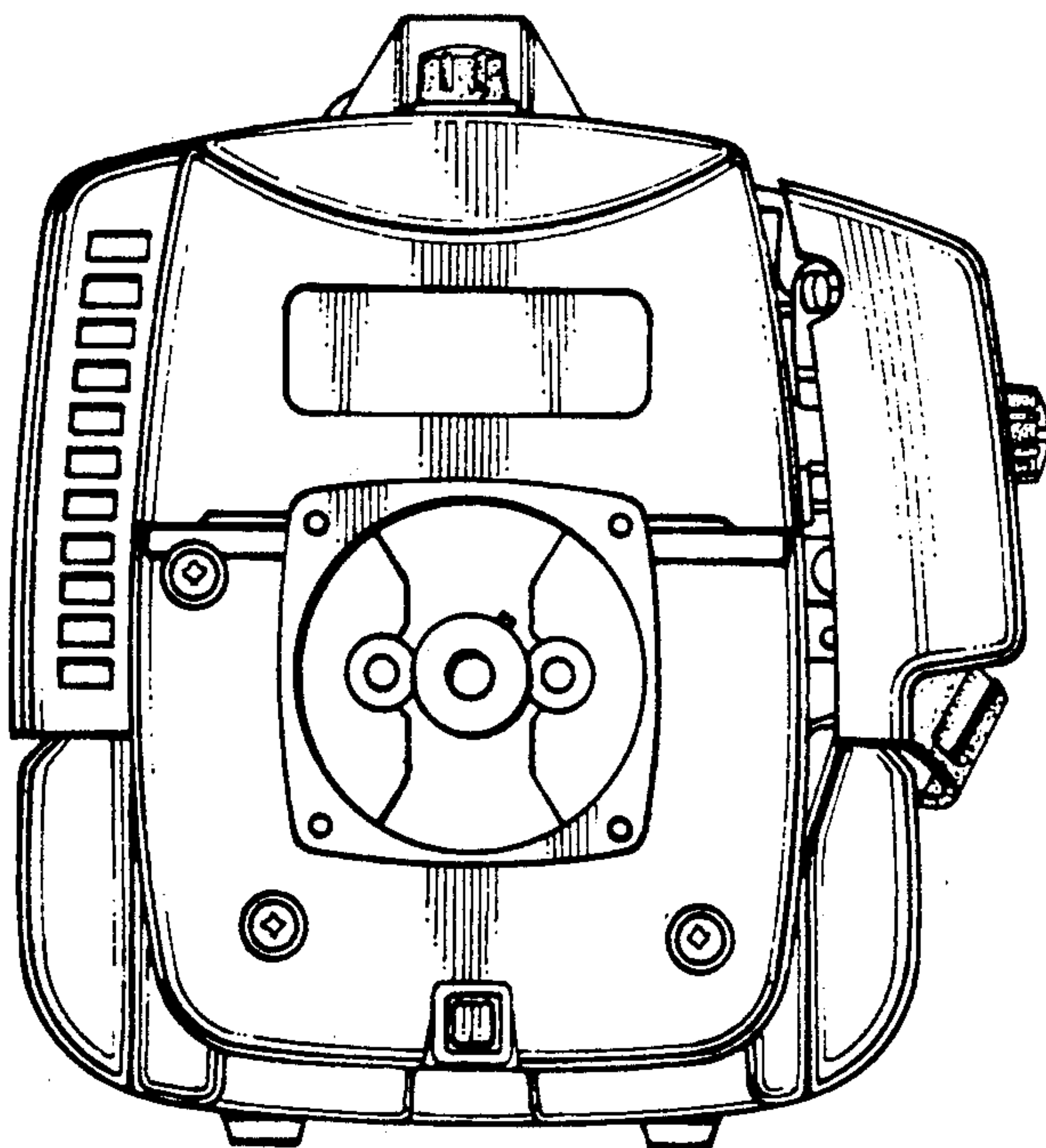


FIG. 16

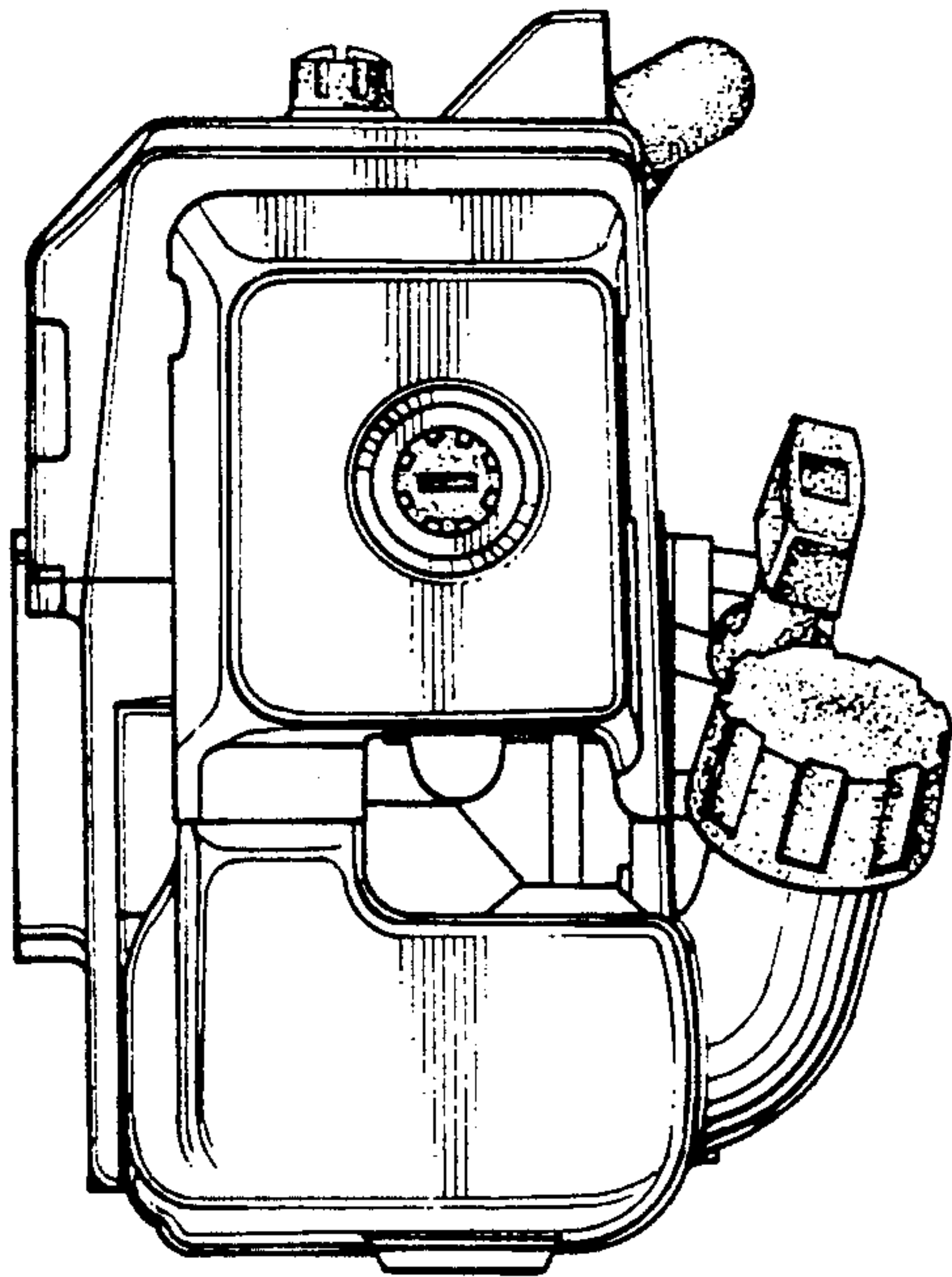


FIG. 17

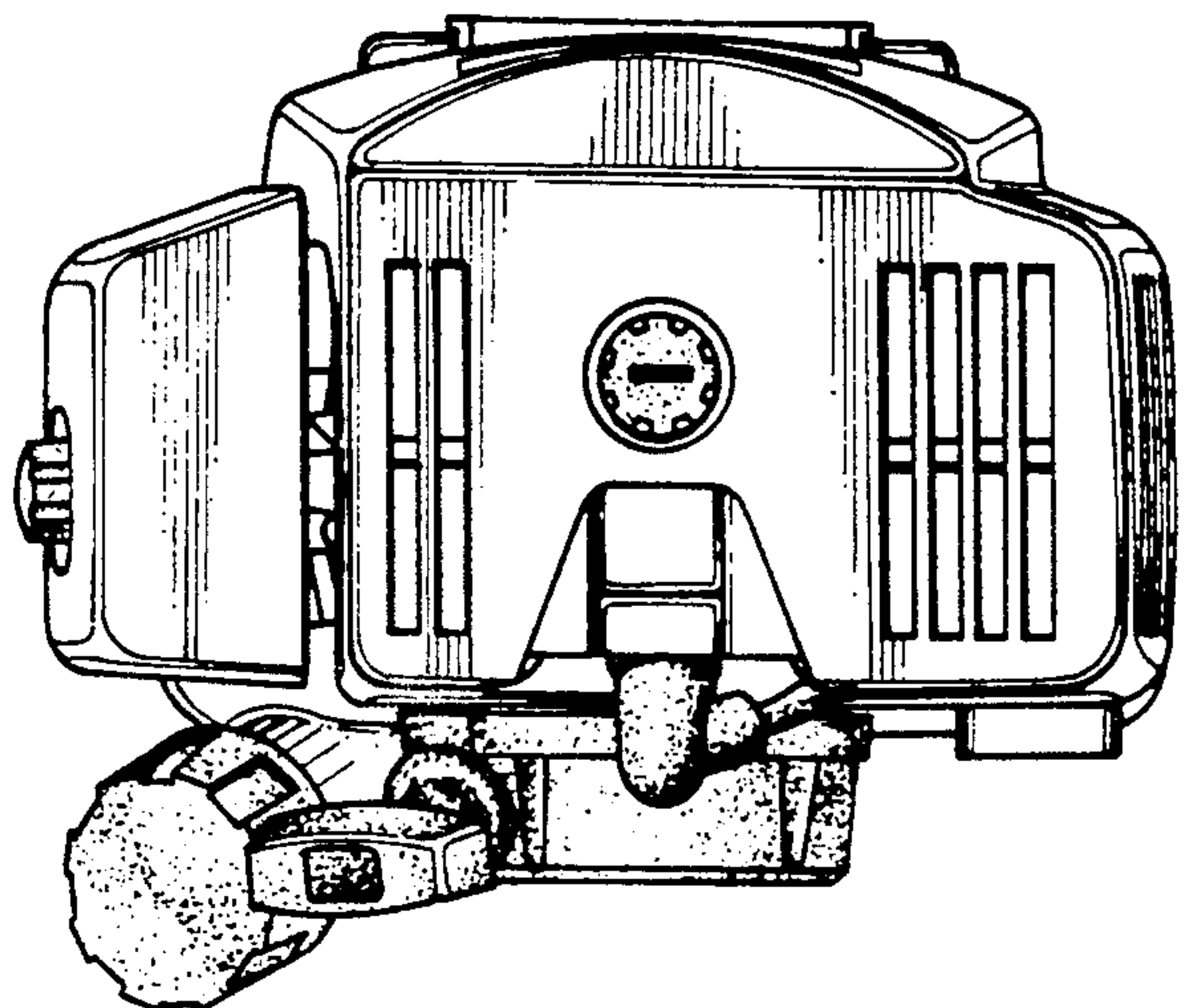


FIG. 18

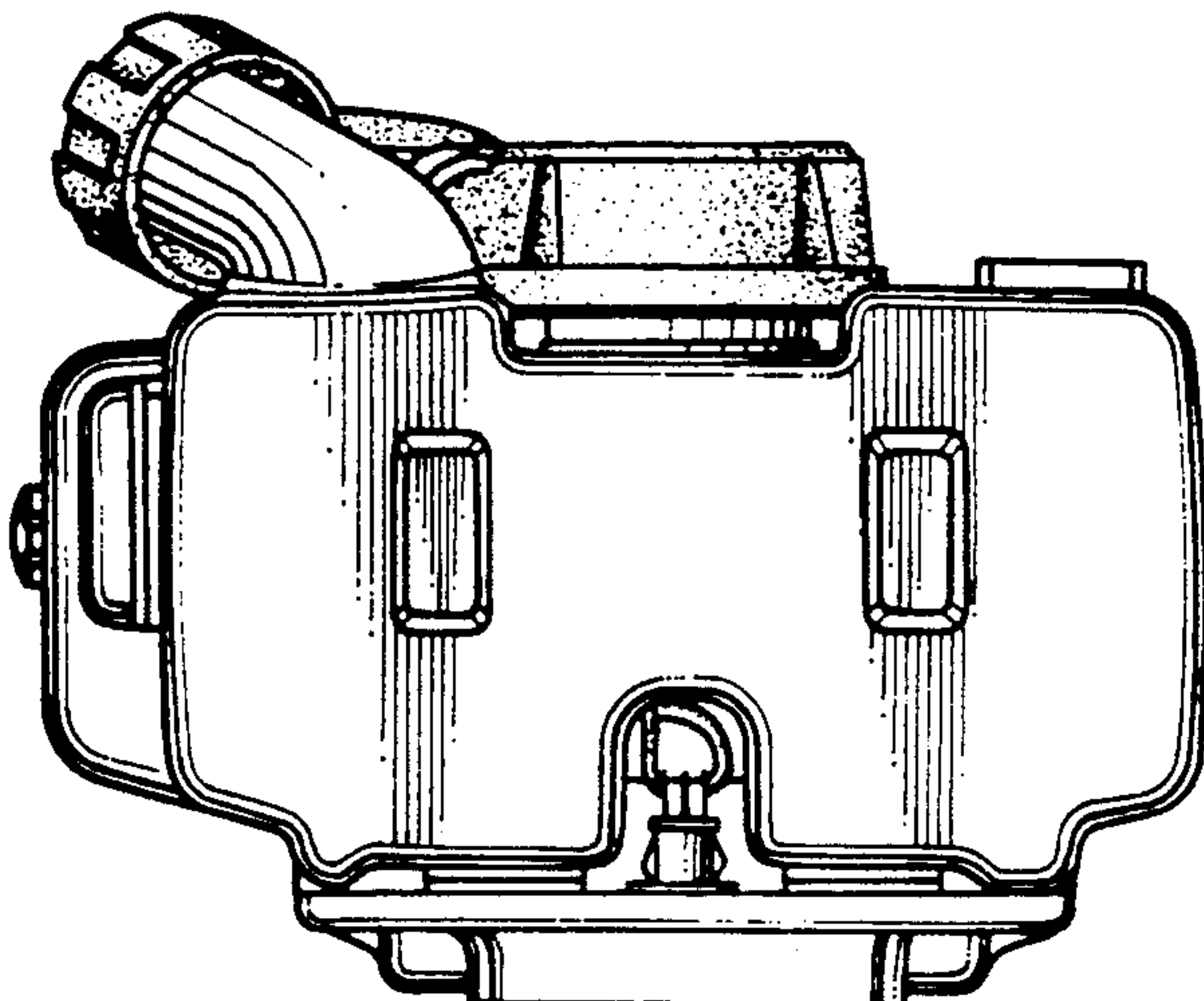


FIG. 19

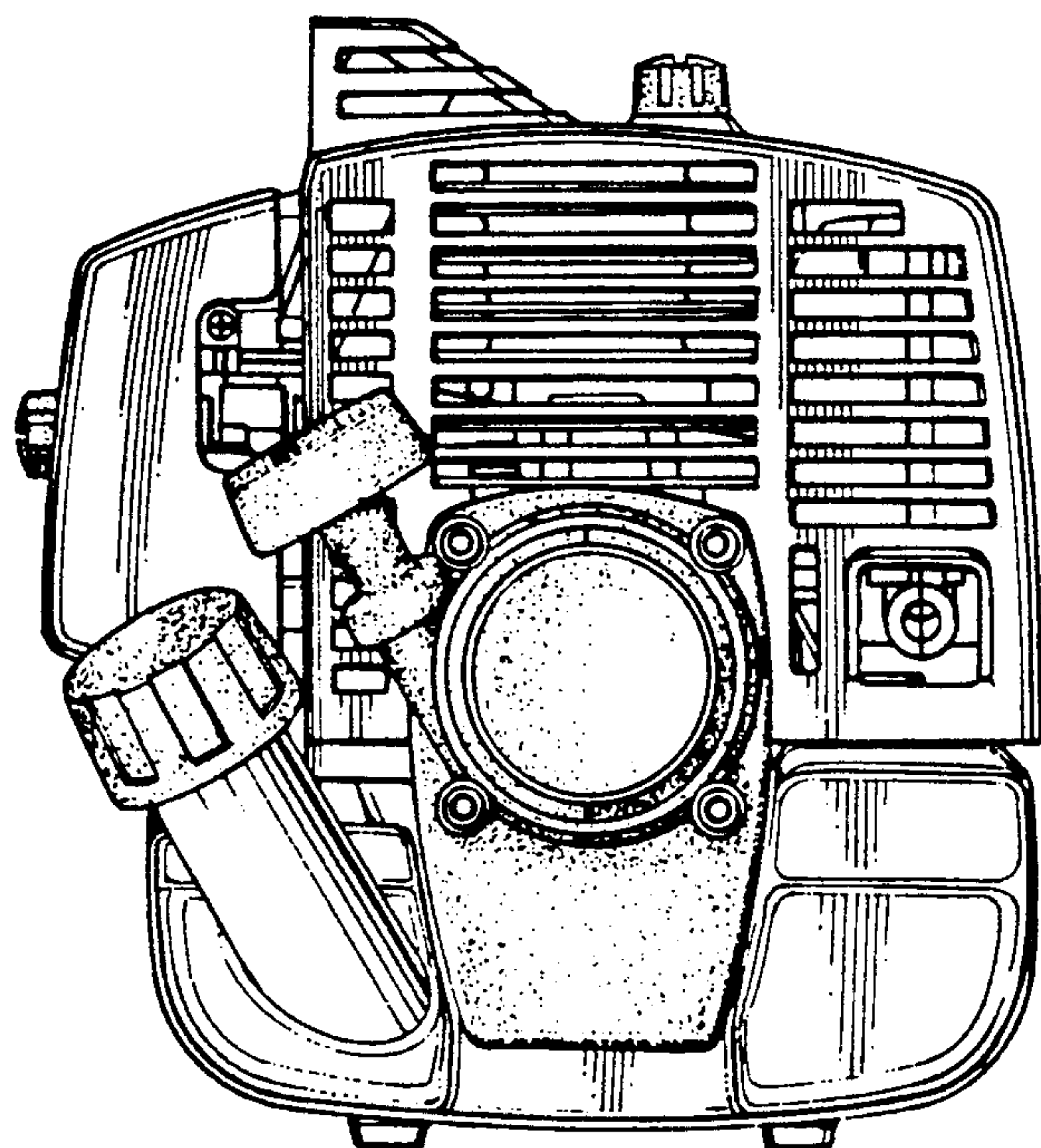


FIG. 21

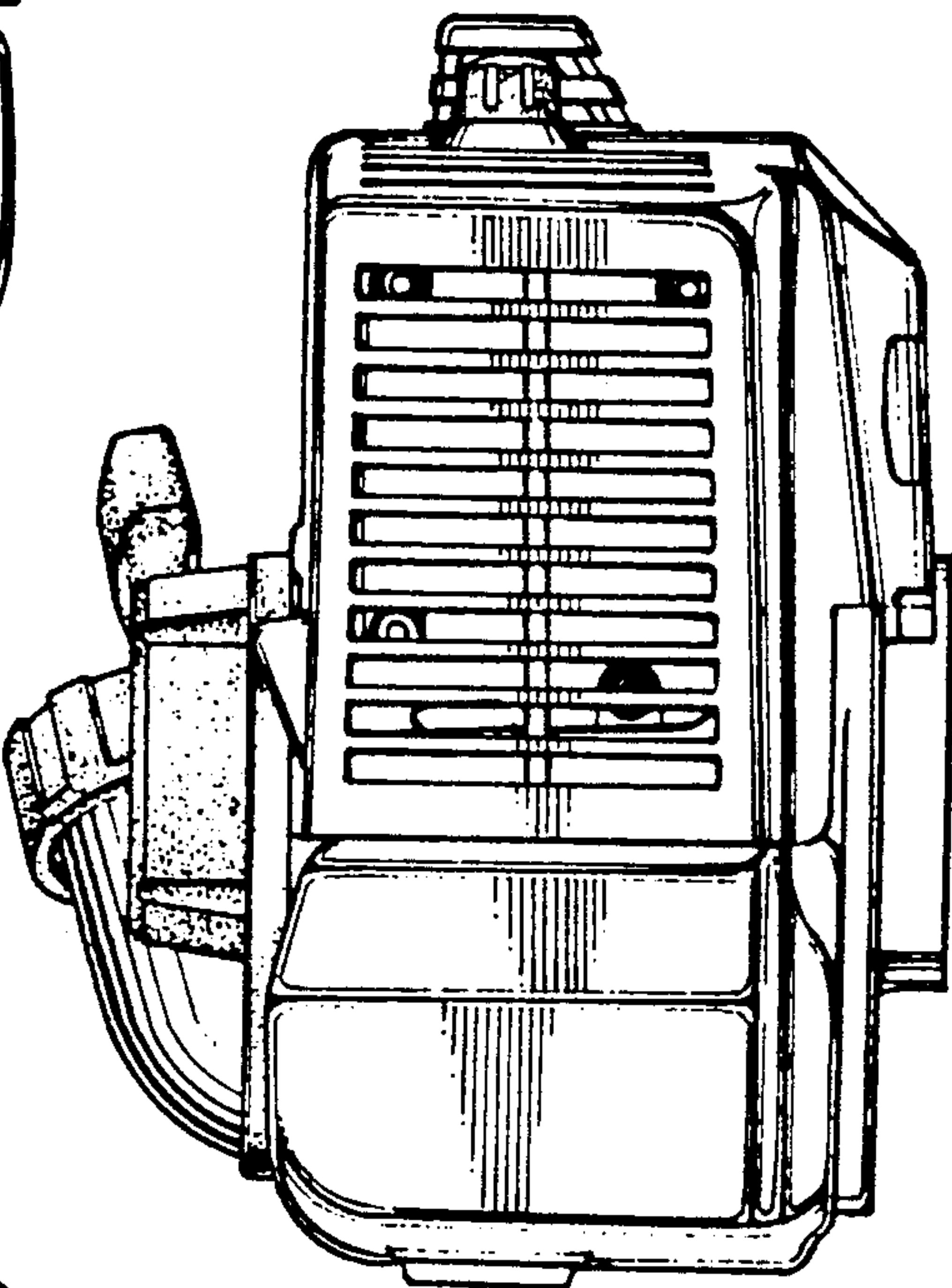


FIG. 20

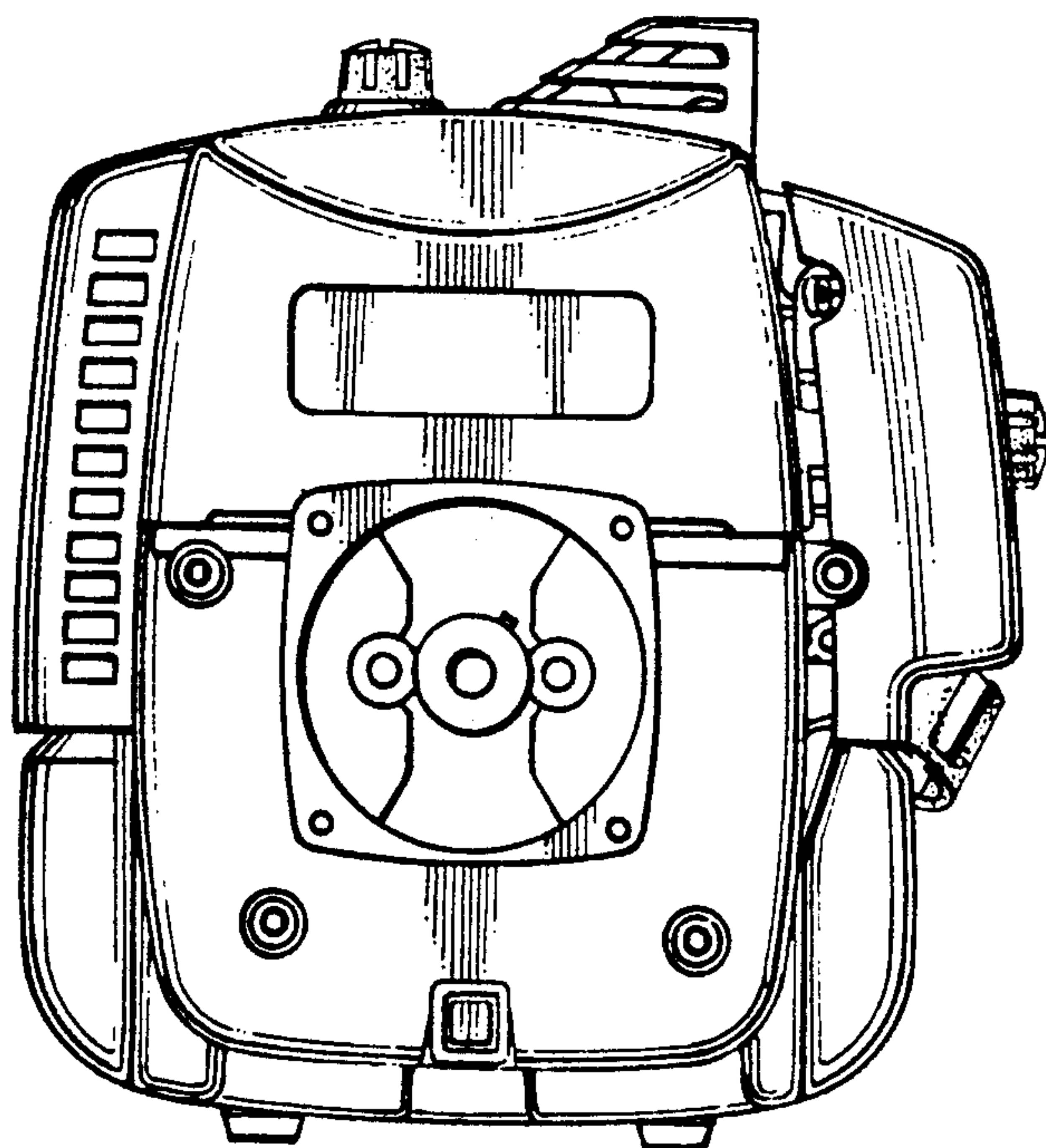




FIG. 22

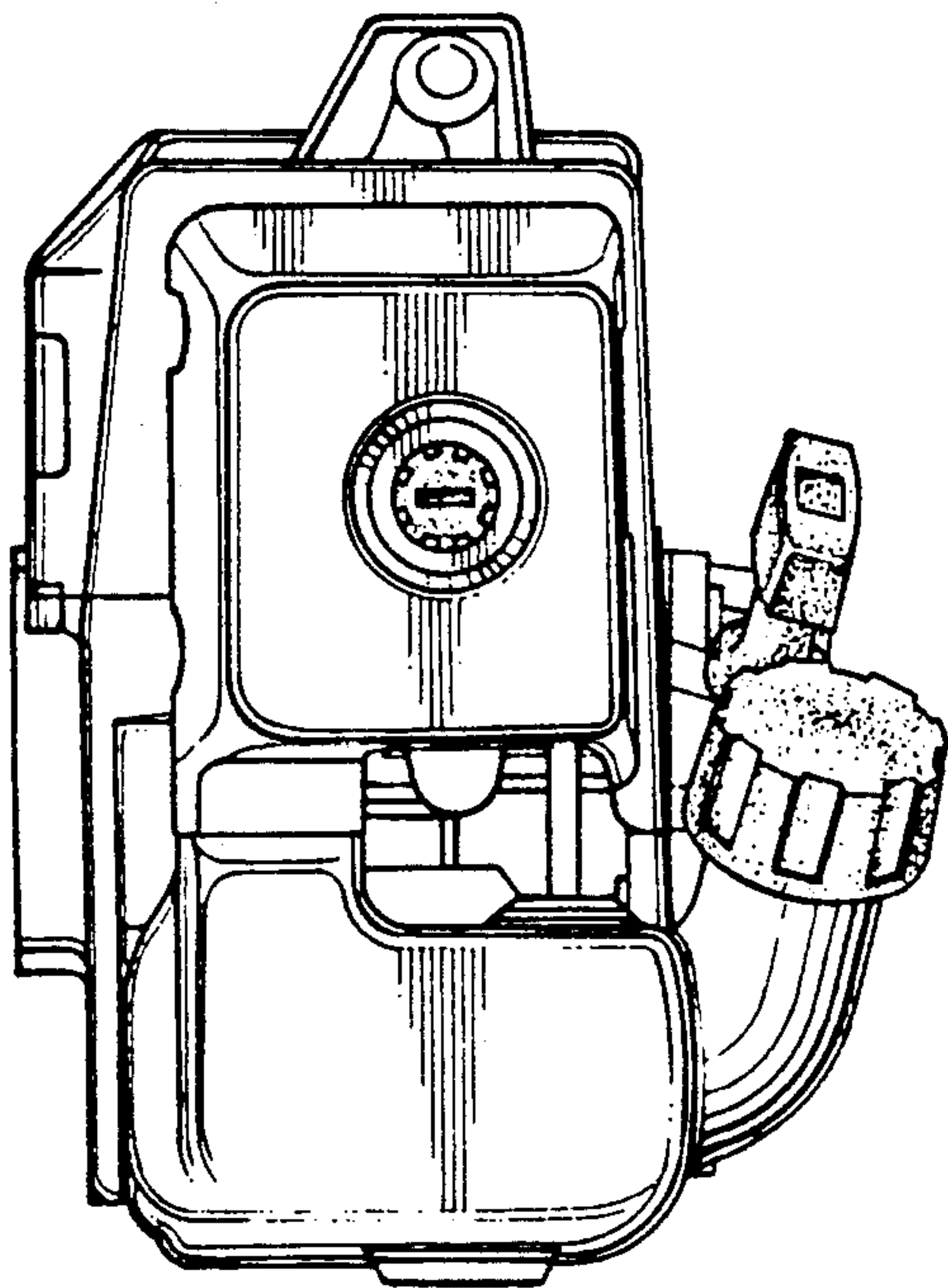


FIG. 23

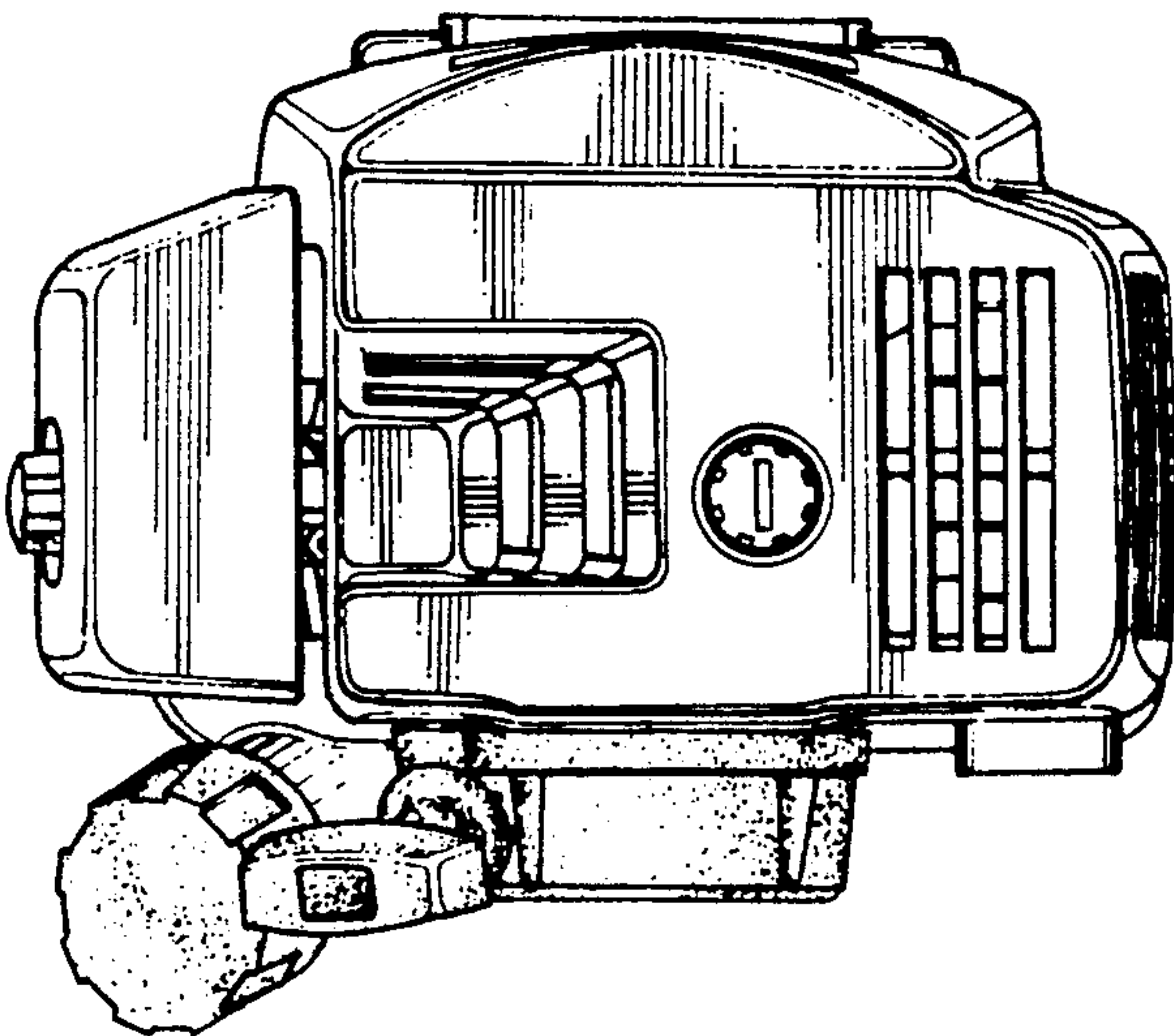
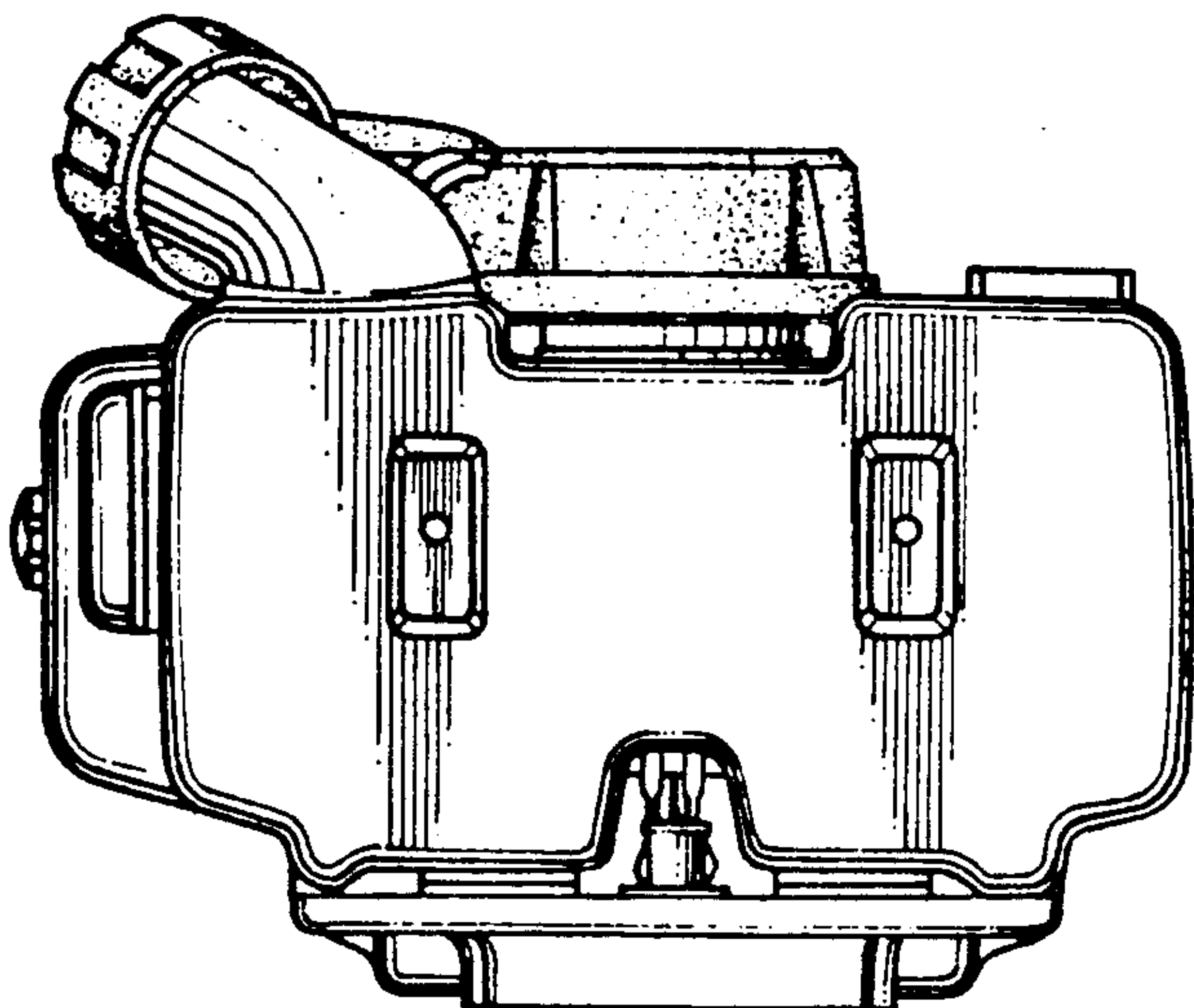


FIG. 24



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*