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

(10) **Patent No.:** **US D481,737 S**

(45) **Date of Patent:** **** Nov. 4, 2003**

(54) **DIAPHRAGM PUMP WITH ENGINE**

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(73) Assignee: **Koshin, Ltd.** (JP)

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

(21) Appl. No.: **29/175,367**

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(51) **LOC (7) Cl.** **15-02**

(52) **U.S. Cl.** **D15/7**

(58) **Field of Search** D11/7-9; 417/415,
417/419, 234, 229, 321, 410-411, 265,
405, 393, 395, 344, 345, 401, 442, 536

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(57) **CLAIM**

The ornamental design for a diaphragm pump with engine, as shown and described.

DESCRIPTION

FIG. 1 is a front elevational view of a diaphragm pump with engine showing my new design;
 FIG. 2 is a left side elevational view thereof;
 FIG. 3 is a rear elevational view thereof;
 FIG. 4 is a right side elevational view thereof;
 FIG. 5 is a top plan view thereof;
 FIG. 6 is a bottom plan view thereof;
 FIG. 7 is a diagonal front perspective view seen from left side thereof;
 FIG. 8 is a diagonal front perspective view seen from right side thereof;
 FIG. 9 is a diagonal rear perspective view seen from right side thereof; and,
 FIG. 10 is a diagonal rear perspective view seen from left side thereof.

1 Claim, 10 Drawing Sheets



Fig.1

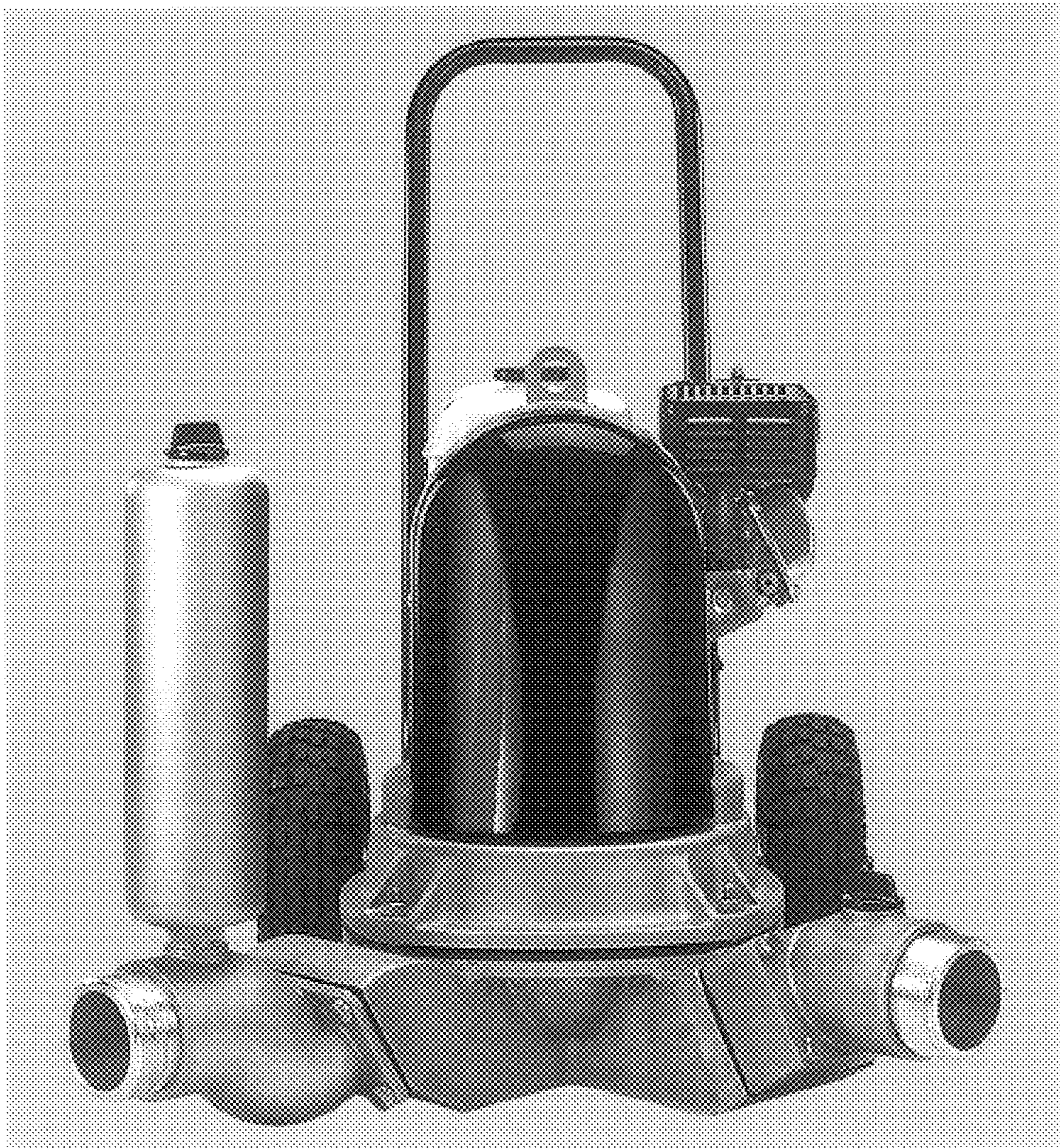


Fig.2

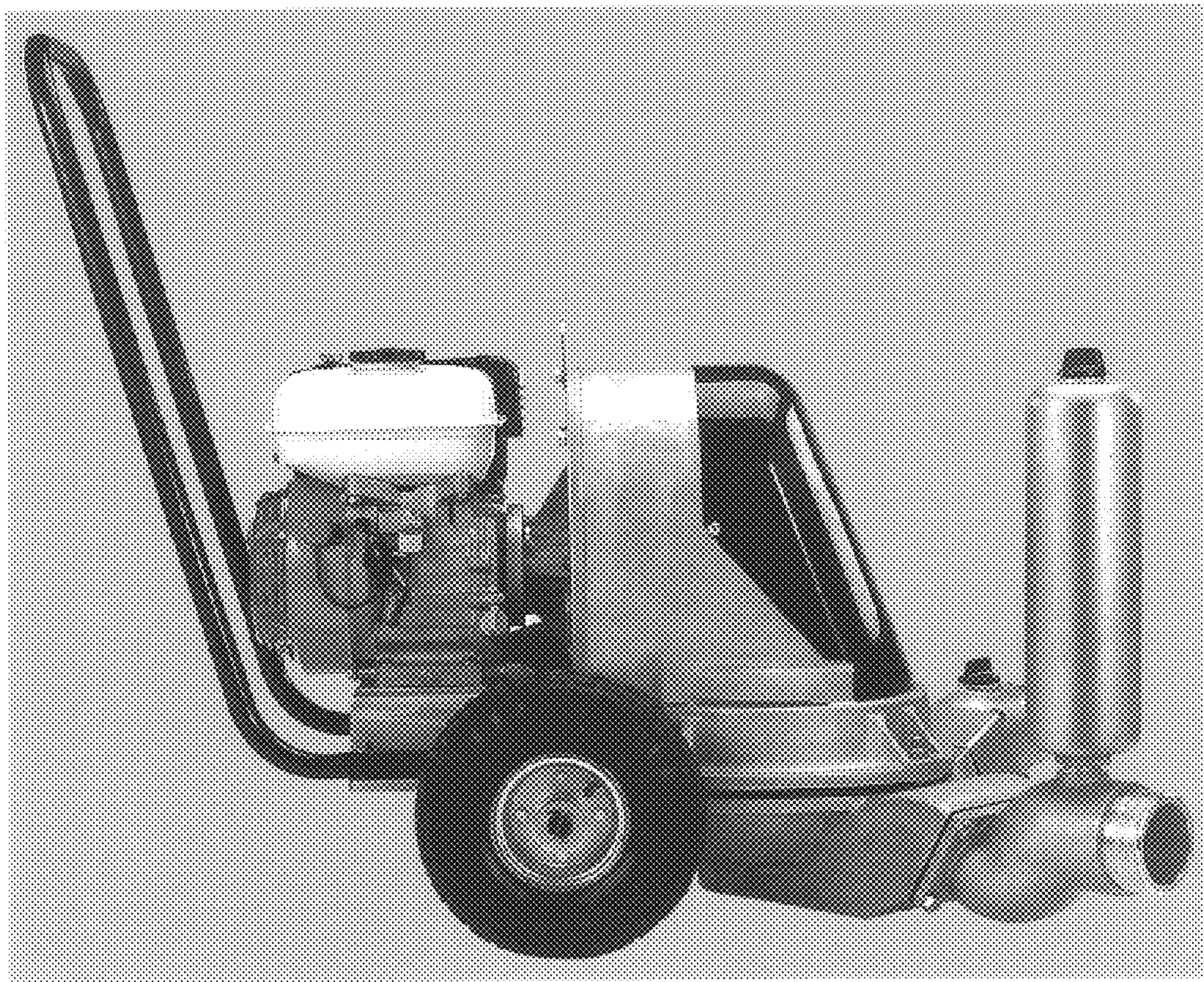


Fig. 3

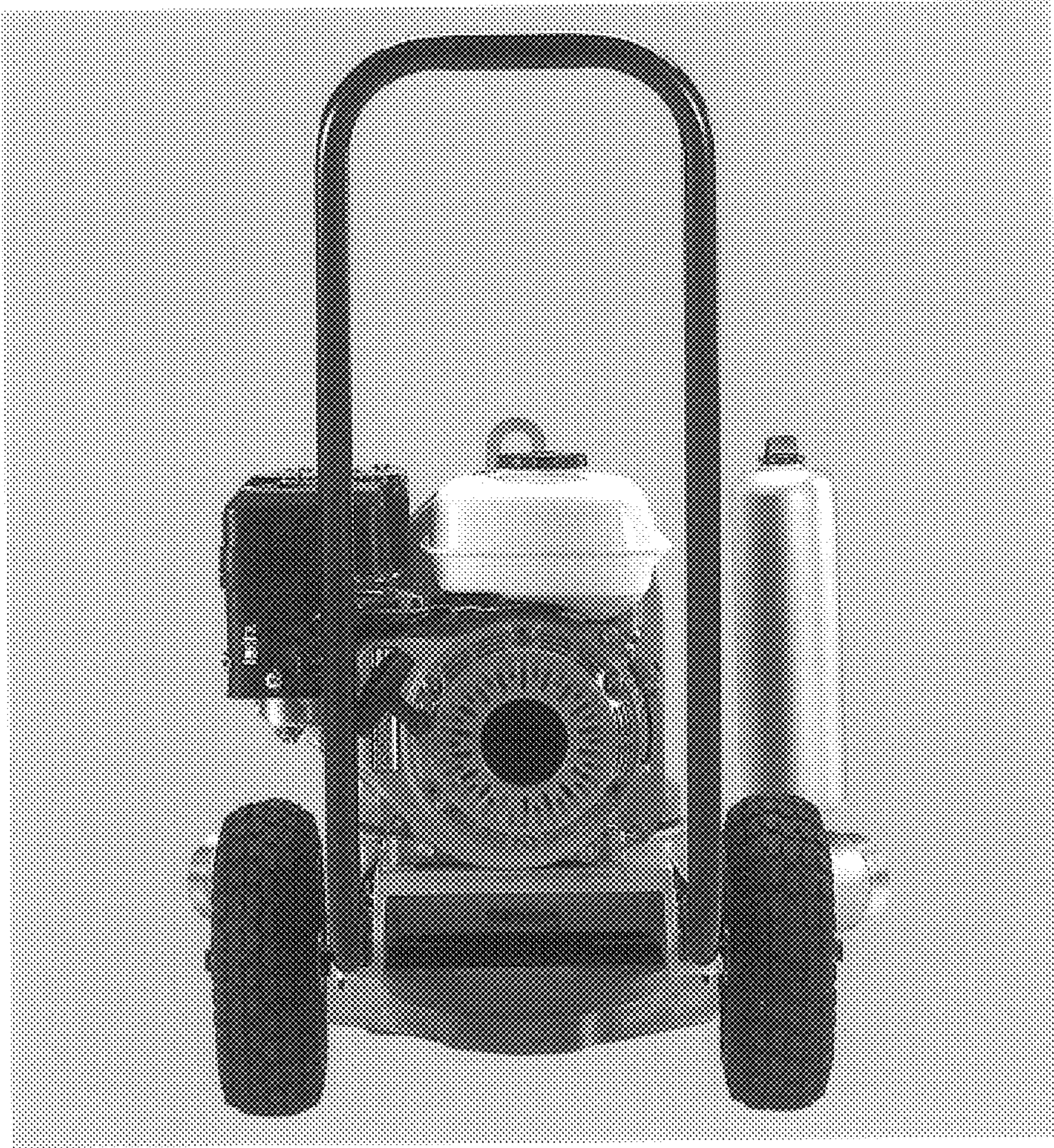


Fig.4

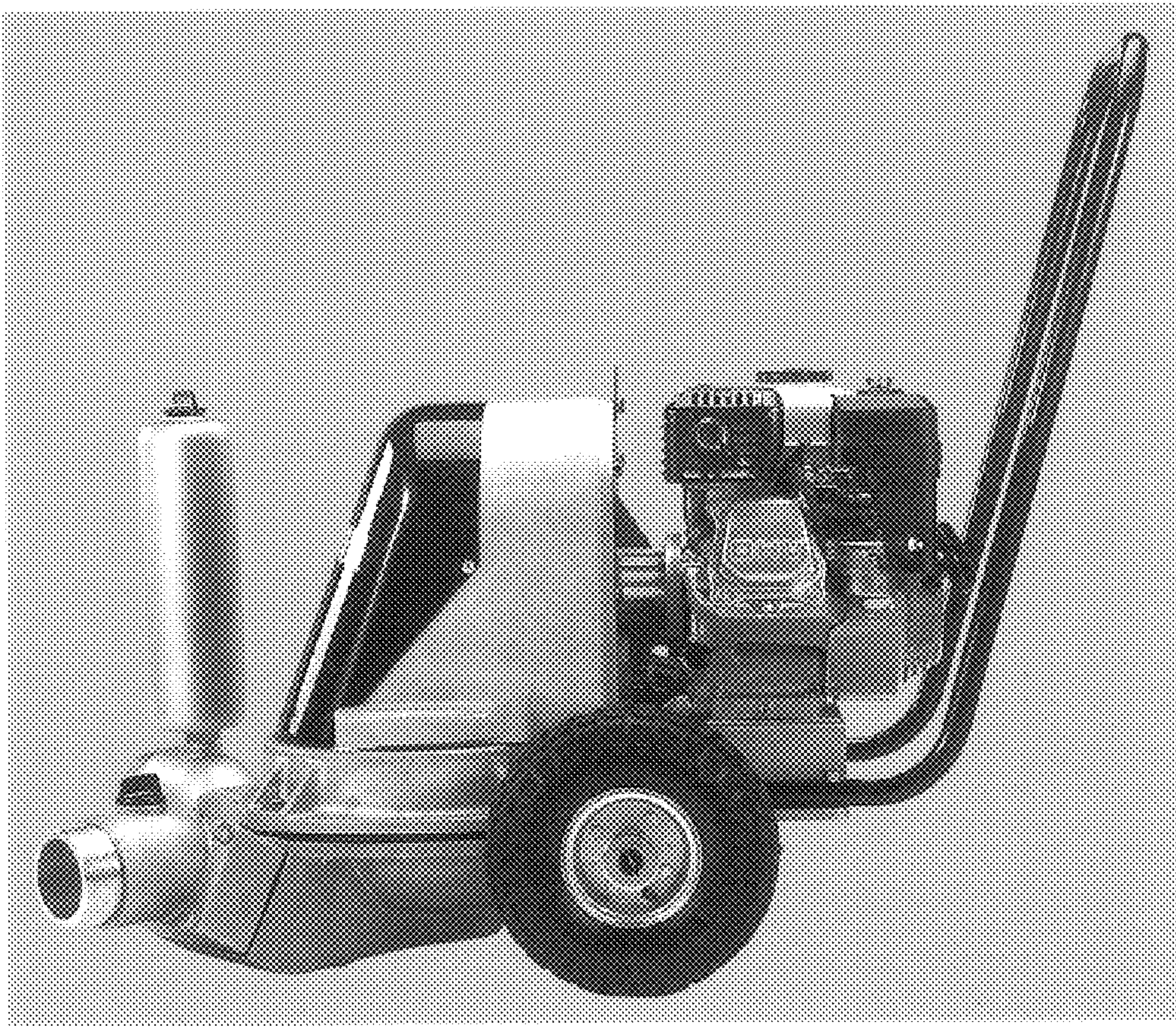


Fig.5

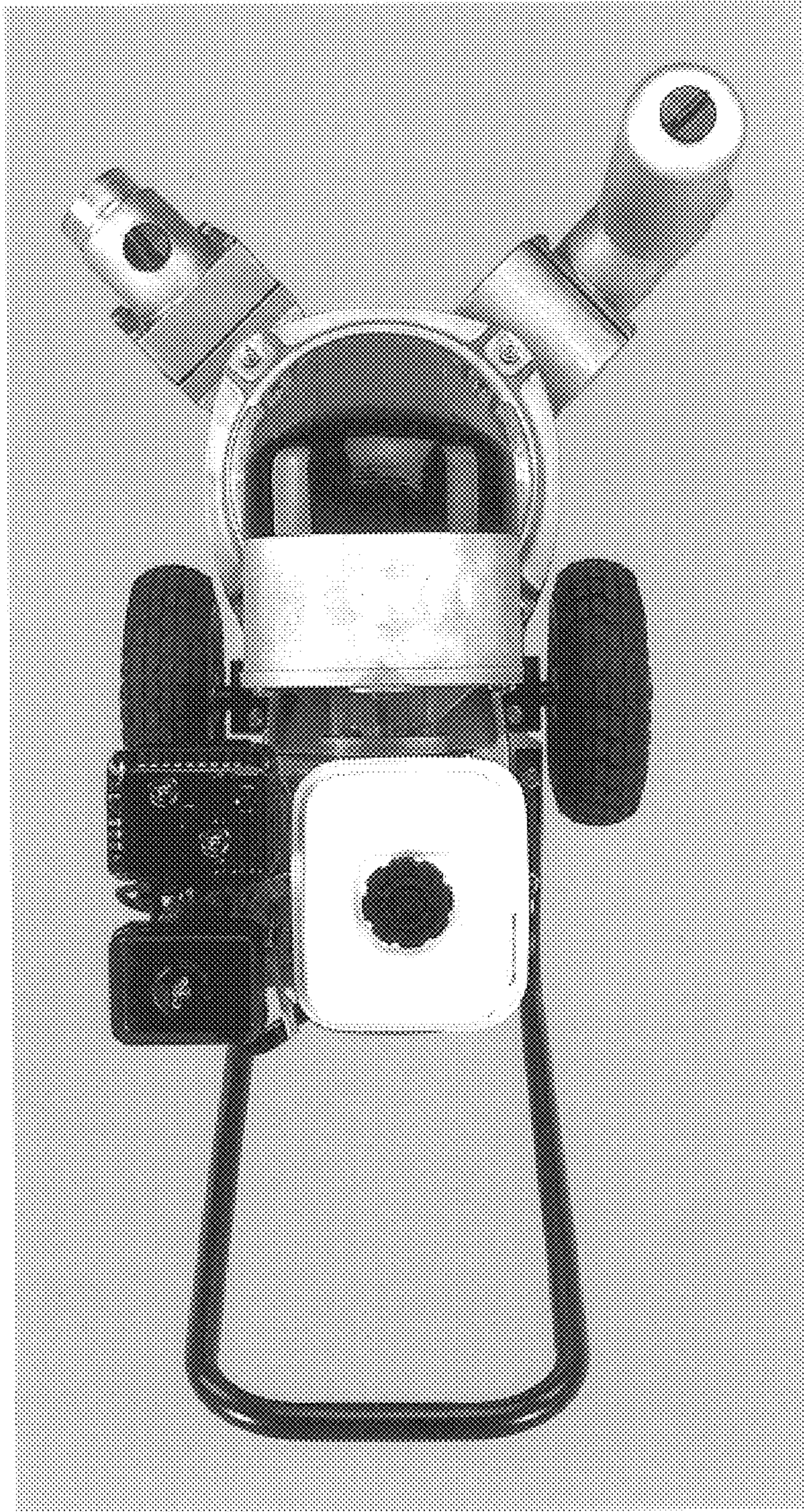


Fig.6

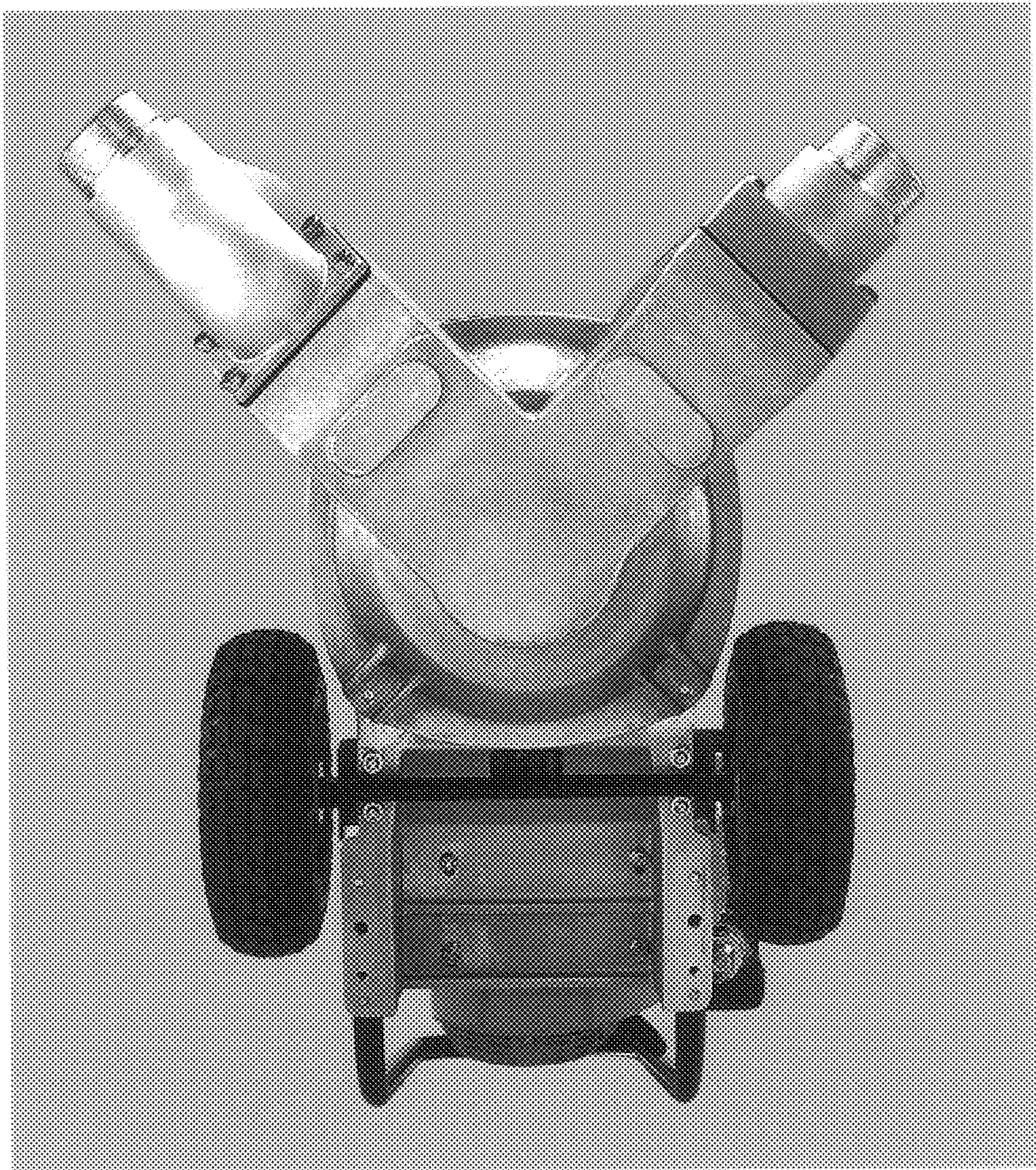


Fig.7

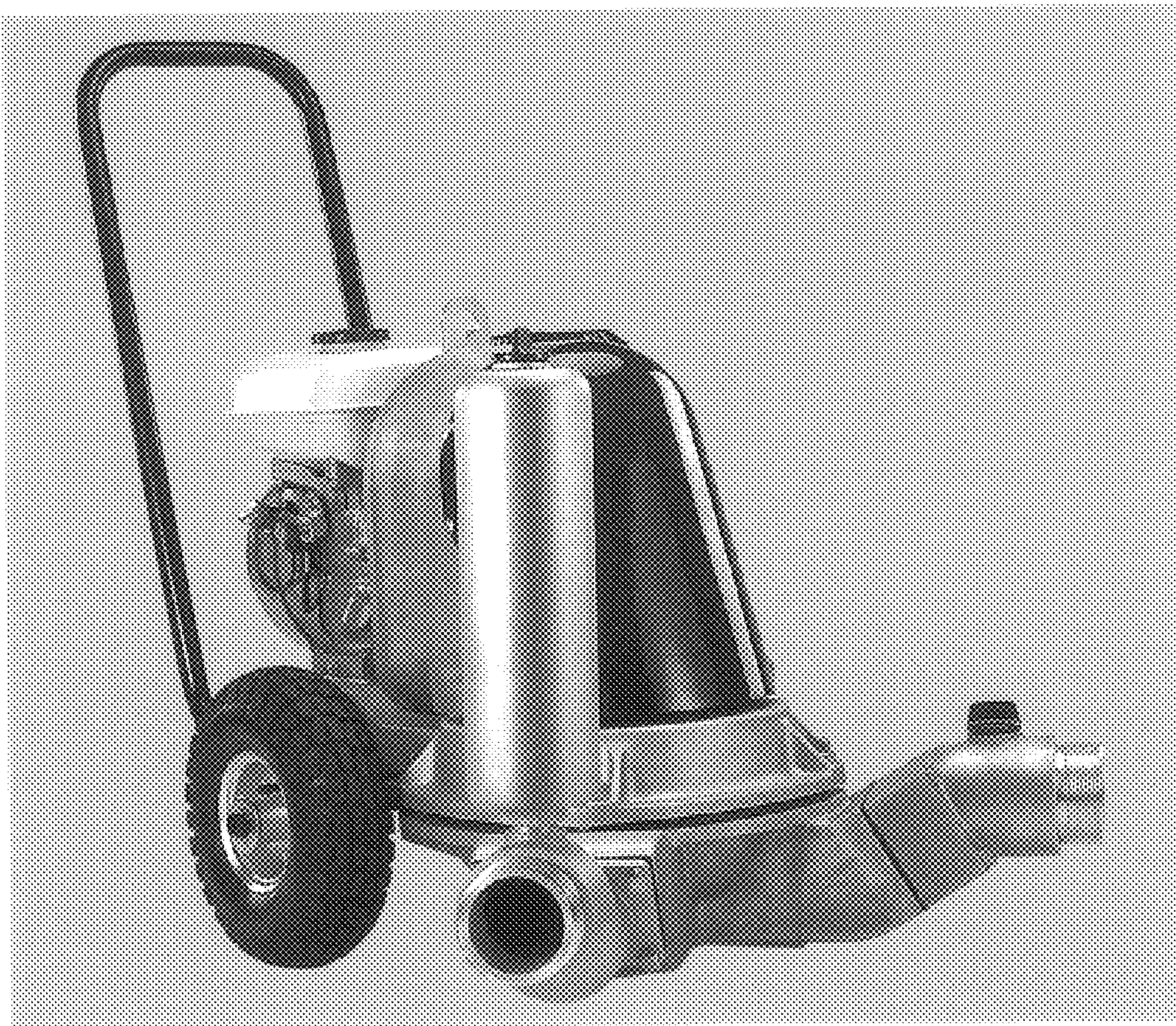


Fig.8

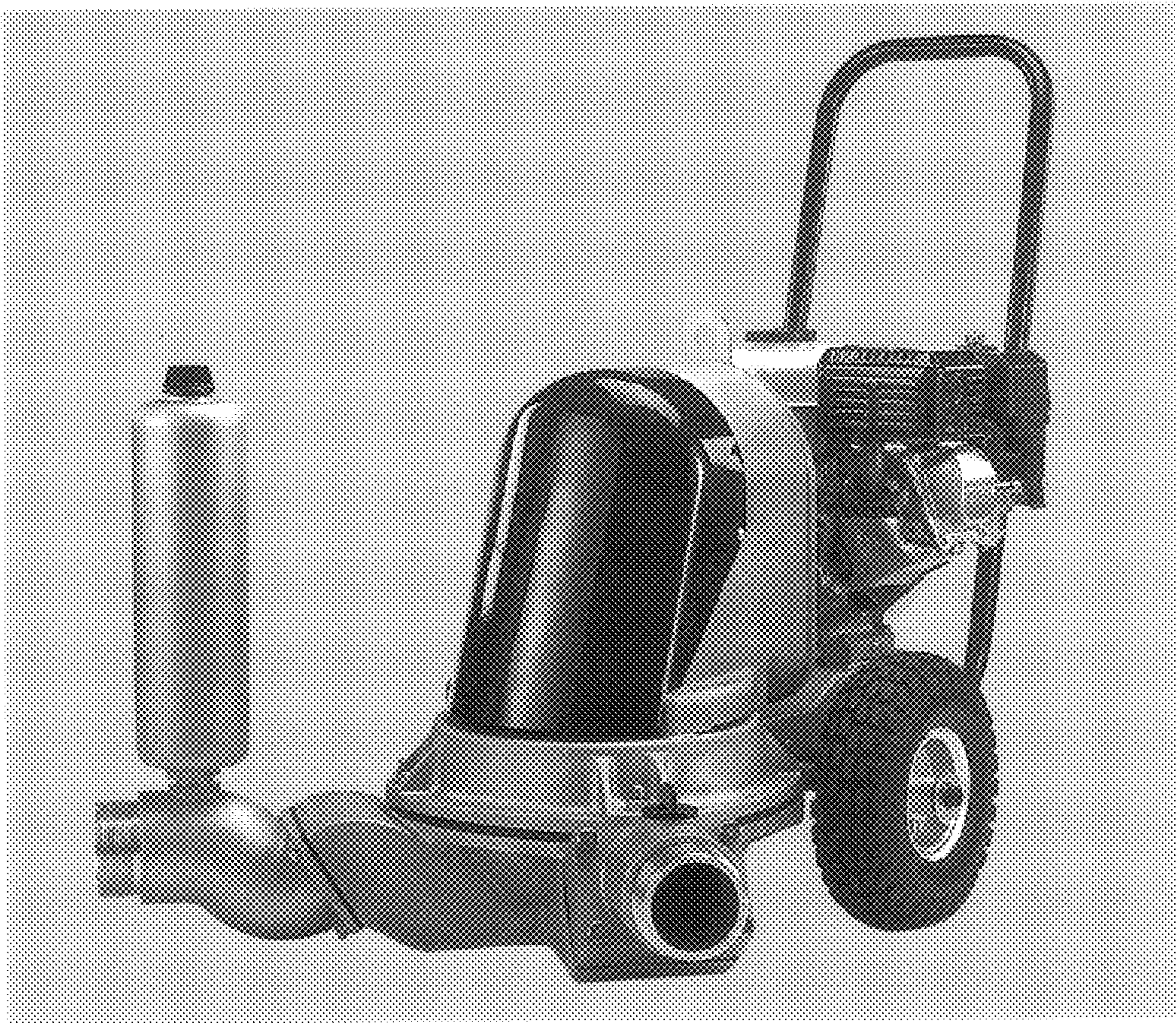


Fig.9

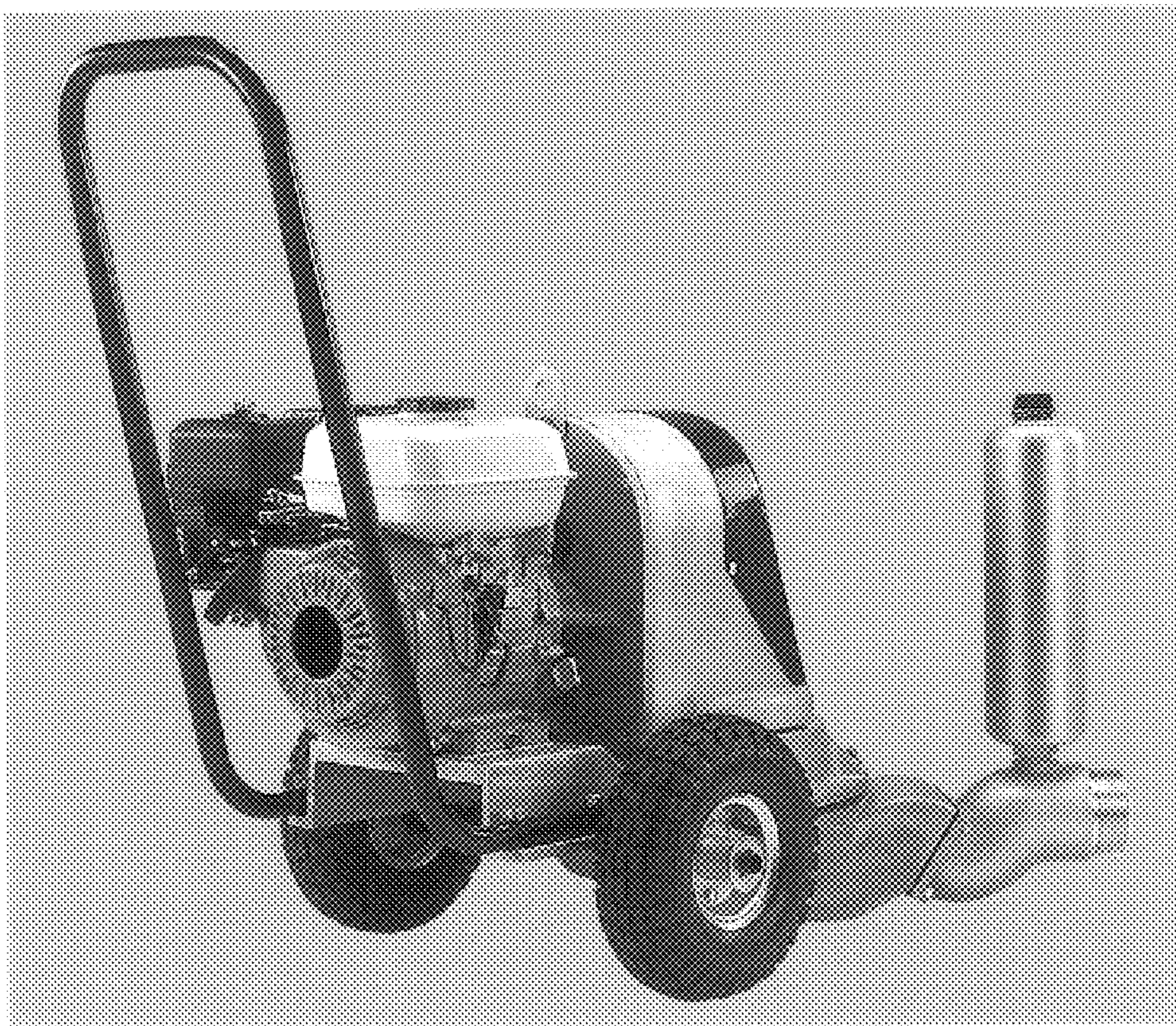


Fig.10

