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(12) **United States Design Patent**
Koeniger et al.

(10) **Patent No.:** **US D966,638 S**
(45) **Date of Patent:** **** Oct. 11, 2022**

(54) **INDUSTRIAL VACUUM CLEANER**

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(**) Term: **15 Years**

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(22) Filed: **Aug. 27, 2019**

(30) **Foreign Application Priority Data**

Feb. 28, 2019 (LI) 2019-186

(51) **LOC (13) Cl.** **15-05**

(52) **U.S. Cl.**
USPC **D32/21**

(58) **Field of Classification Search**
USPC D32/18, 21, 24, 31; D3/276, 294;
D13/108, 109; D15/144, 199; D21/526,
D21/548, 563

(Continued)

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(57) **CLAIM**

The ornamental design for an industrial vacuum cleaner, as shown and described.

DESCRIPTION

The file of this patent contains at least one drawing executed in color. Copies of this patent with color drawings will be provided by the United States Patent and Trademark Office upon request and payment of the necessary fee.

FIG. 1 is a perspective view of an industrial vacuum cleaner according to the design;

FIG. 2 is a right side view thereof;

FIG. 3 is a left side view thereof;

FIG. 4 is a front view thereof;

FIG. 5 is a rear view thereof;

FIG. 6 is a top view thereof;

FIG. 7 is a bottom view thereof;

FIG. 8 is a perspective view of a second embodiment of the industrial vacuum cleaner;

FIG. 9 is a right side view thereof;

FIG. 10 is a left side view thereof;

FIG. 11 is a front view thereof;

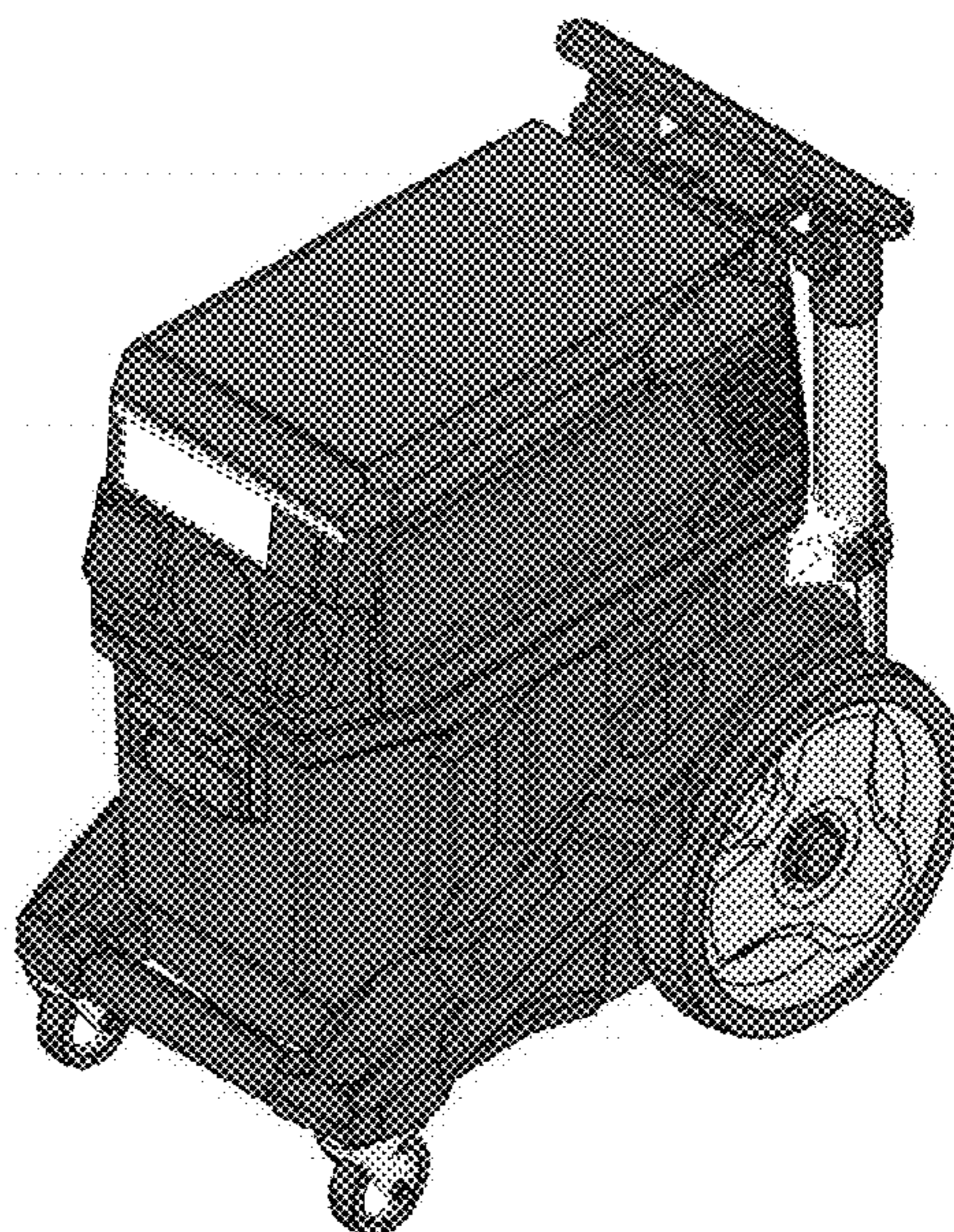
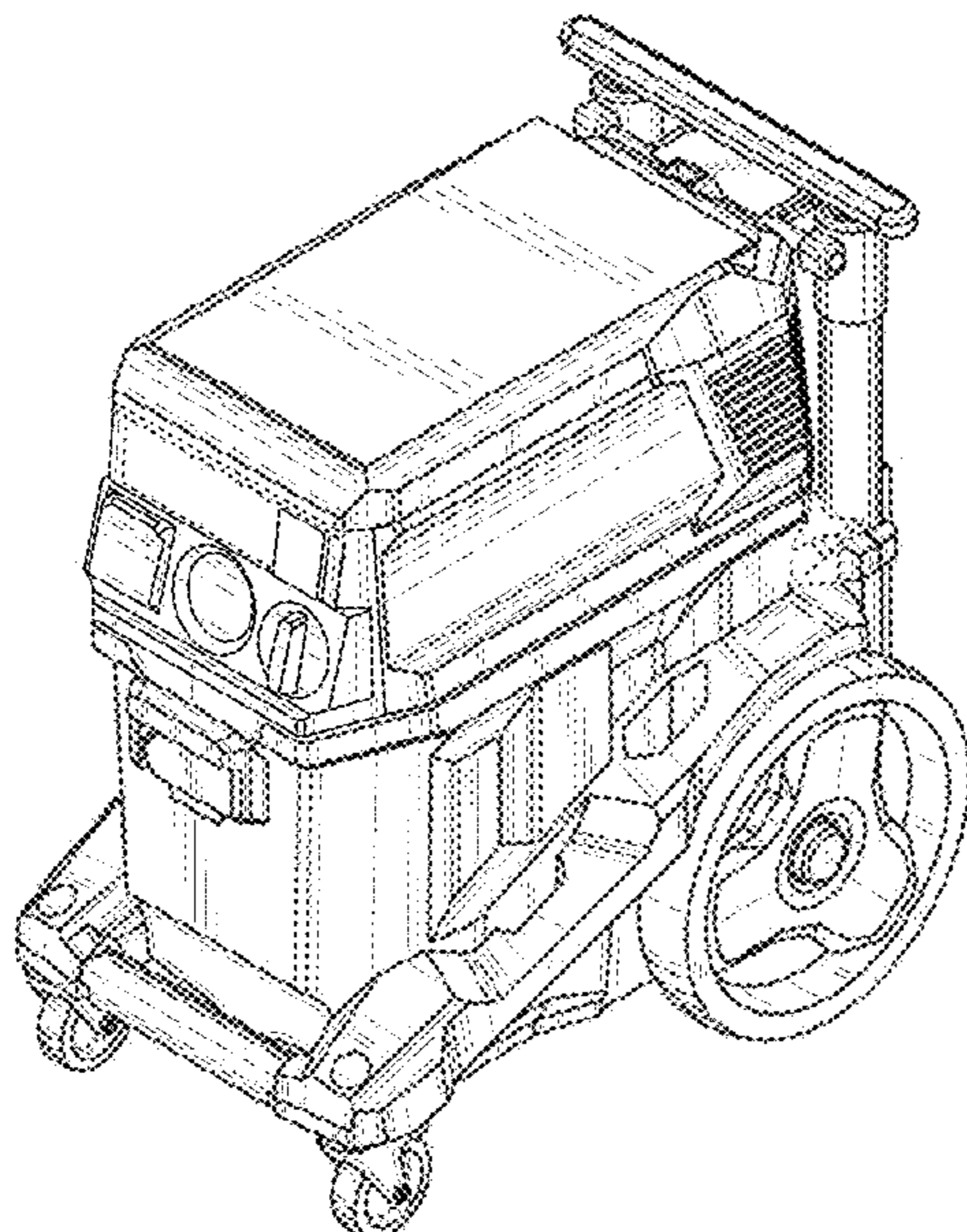
FIG. 12 is a rear view thereof;

FIG. 13 is a top view thereof; and,

FIG. 14 is a bottom view thereof.

The broken lines shown in the drawings depict portions of the industrial vacuum cleaner that form no part of the claimed design.

1 Claim, 14 Drawing Sheets
(7 of 14 Drawing Sheet(s) Filed in Color)



(58) **Field of Classification Search**

CPC A47L 5/24; A47L 5/28; A47L 5/30; A47L 5/34; A47L 7/0004; A47L 9/04; A47L 9/325; A47L 9/1683; A47L 11/30; A47L 11/302; A47L 11/34; A47L 11/4005; A47L 11/4008; A47L 11/4016; A47L 11/4041; A47L 11/4044; B04C 5/185; B08B 3/04; B23Q 11/0046; B23Q 11/0071; E04H 4/1636

See application file for complete search history.

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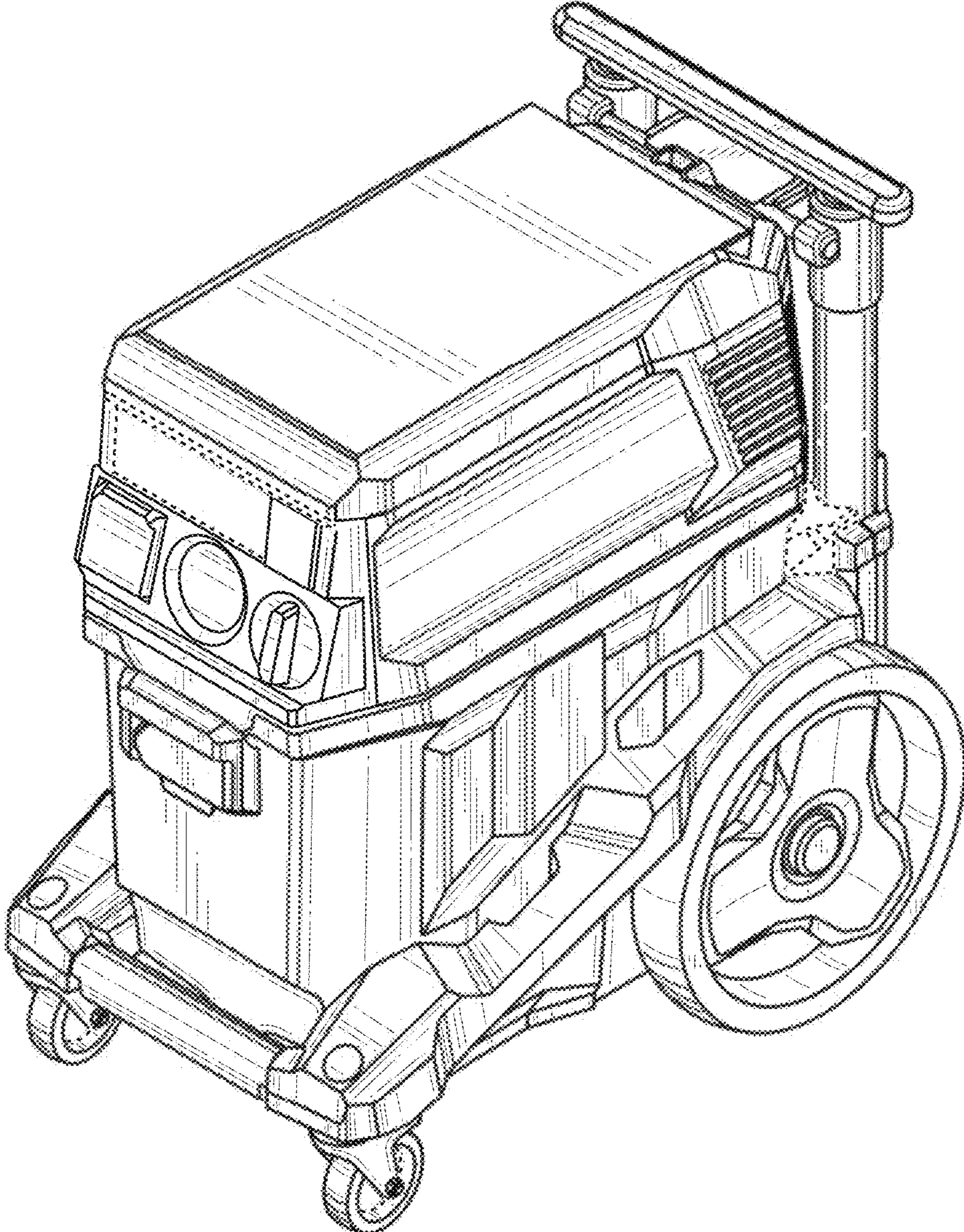


FIG. 1

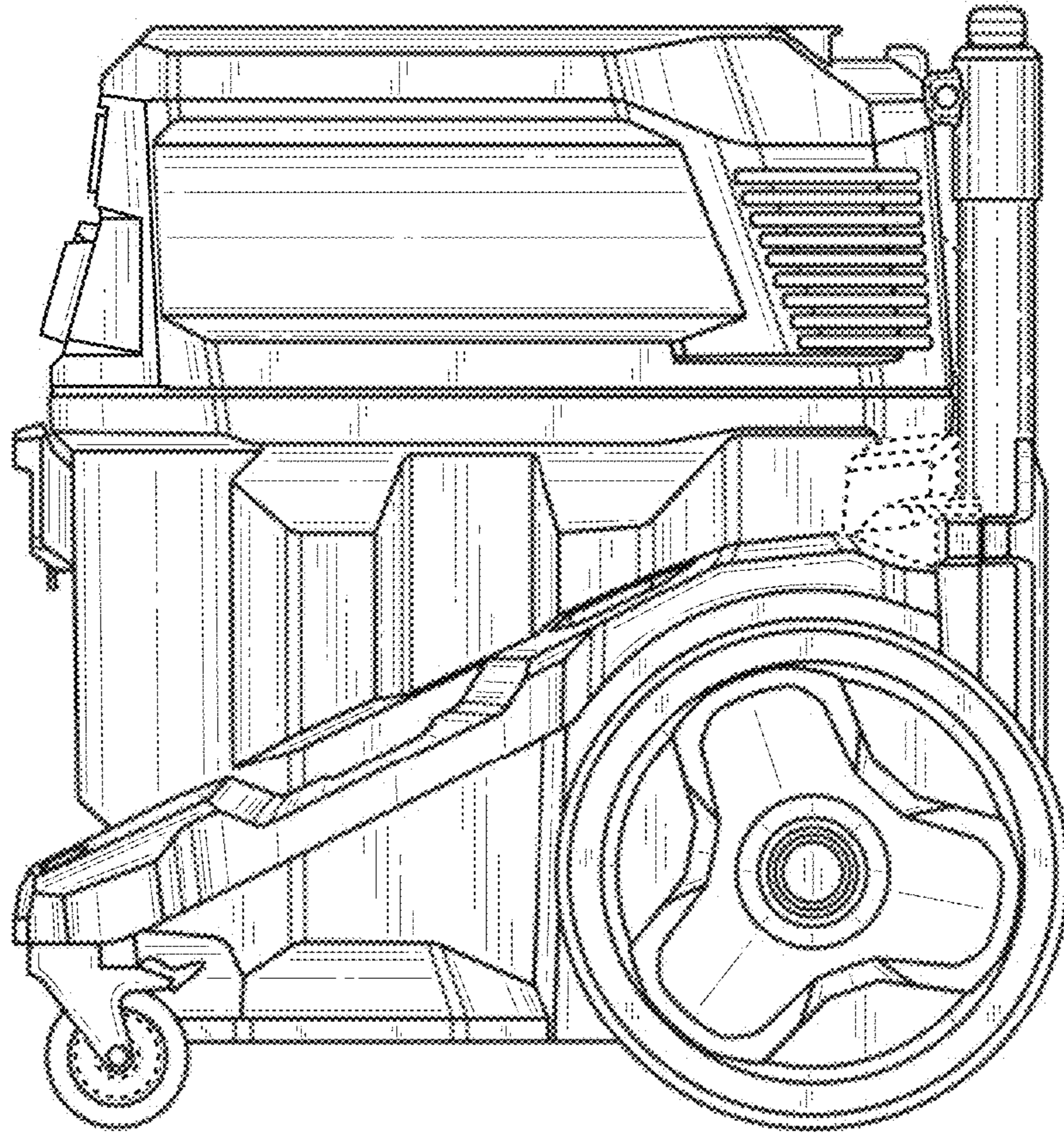


FIG. 2

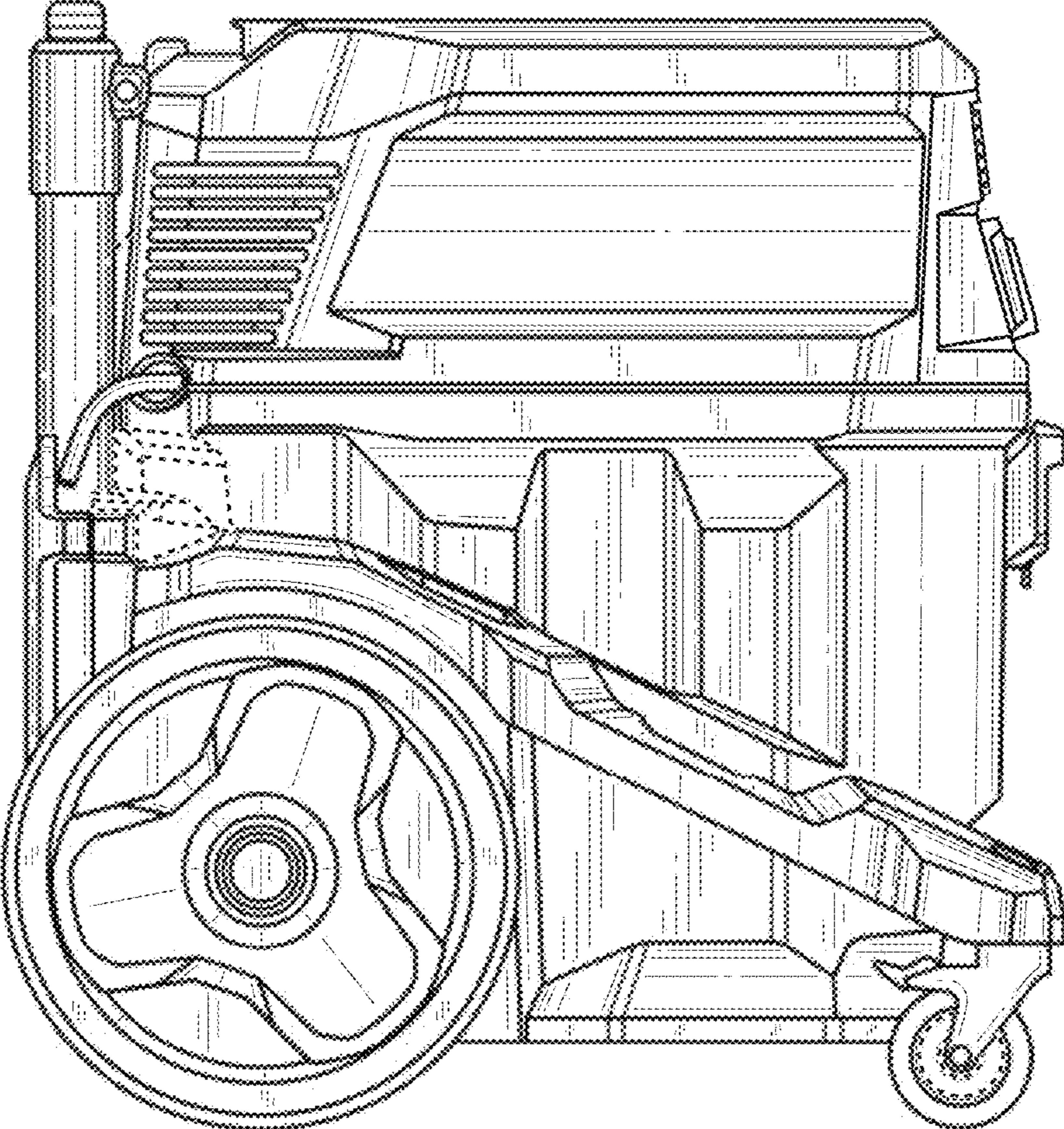


FIG. 3

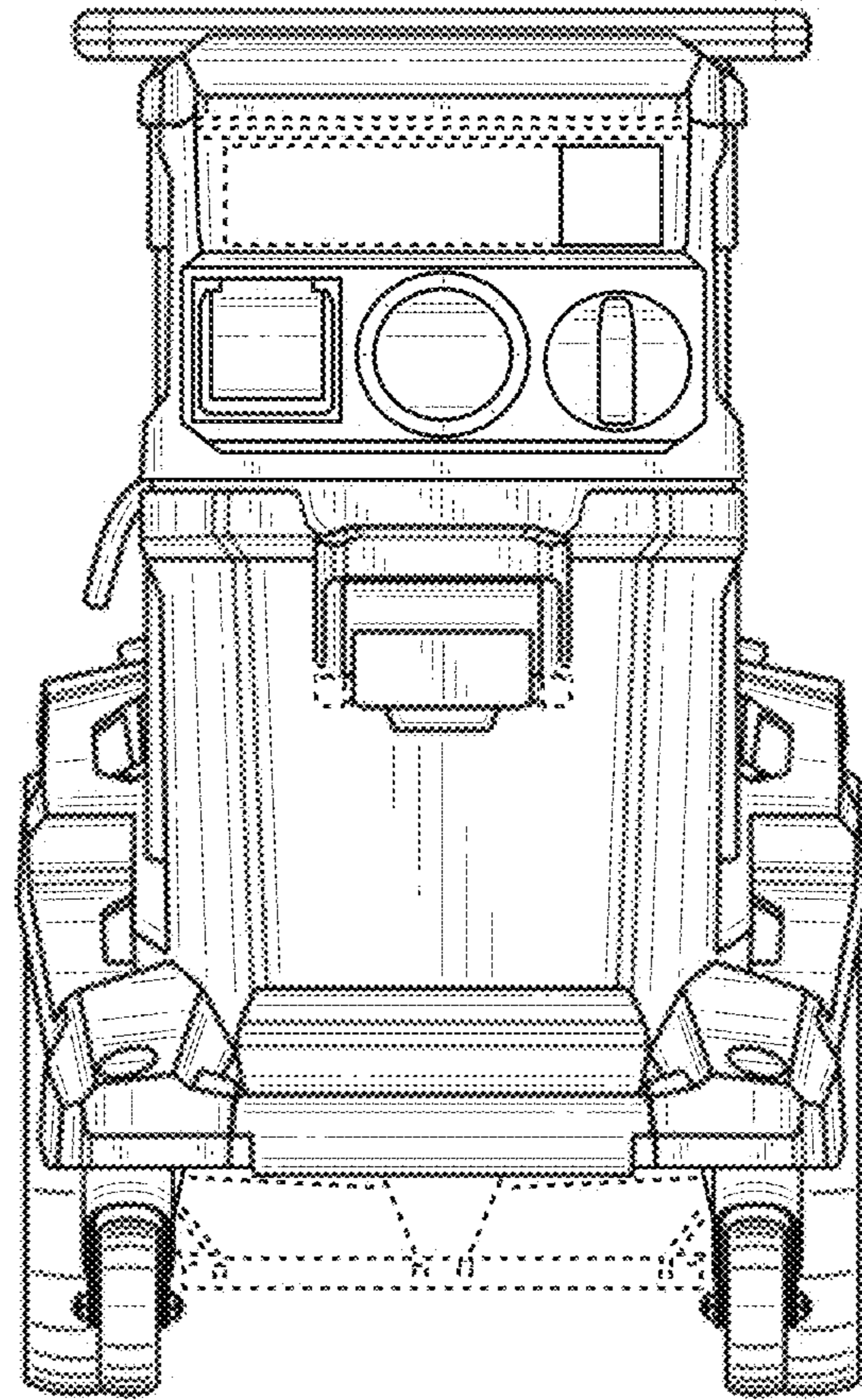


FIG. 4

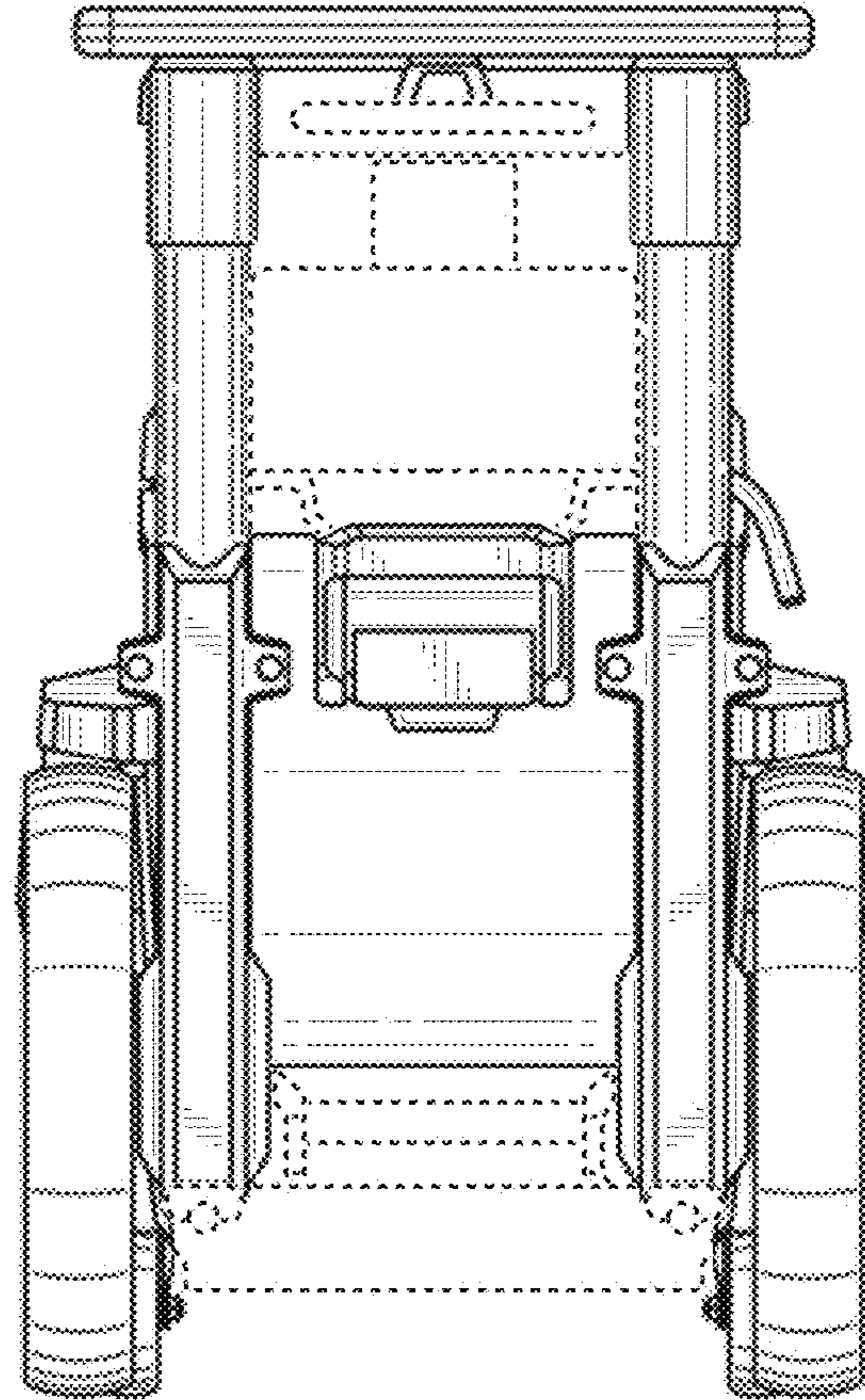


FIG. 5

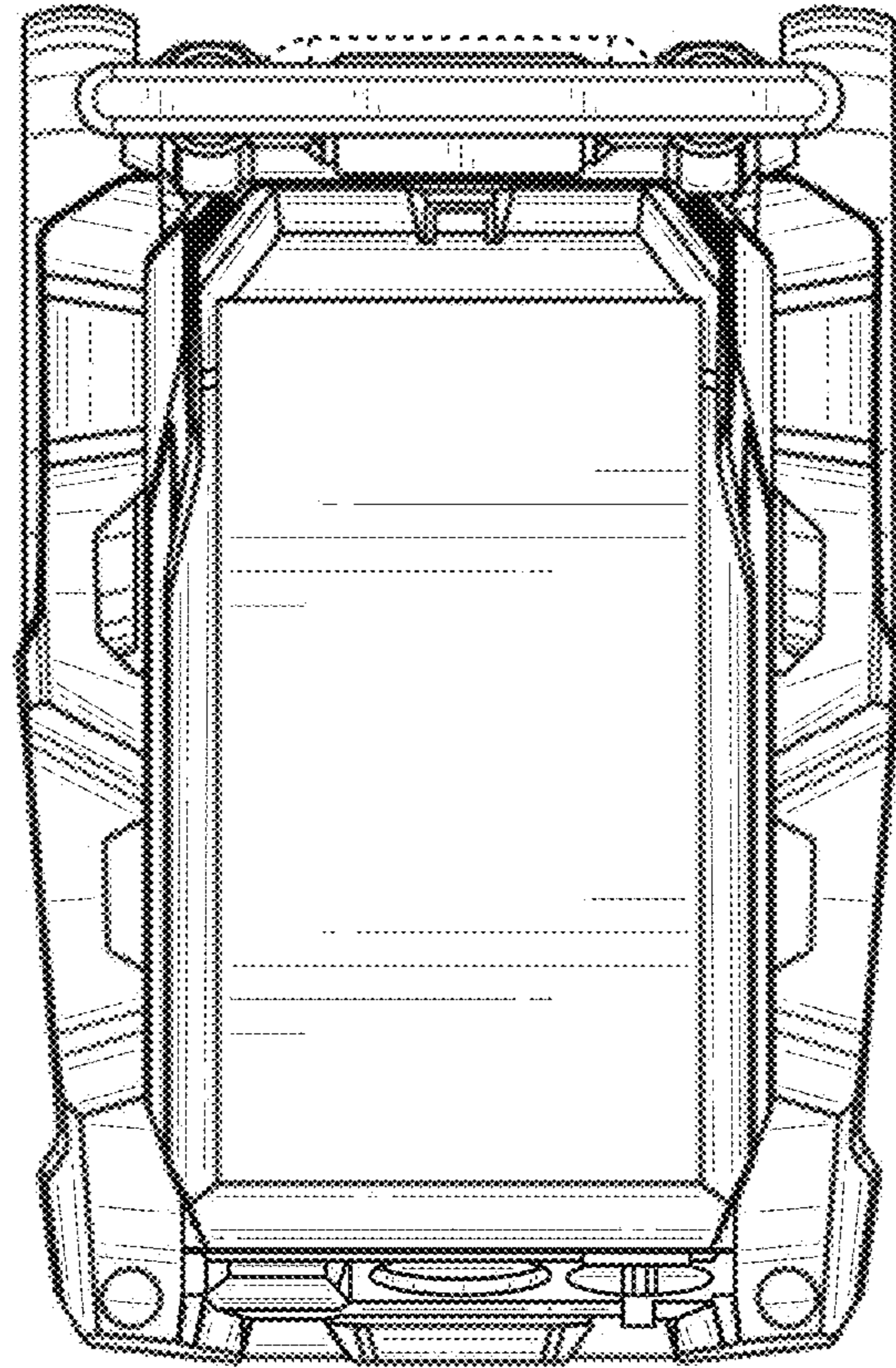


FIG. 6

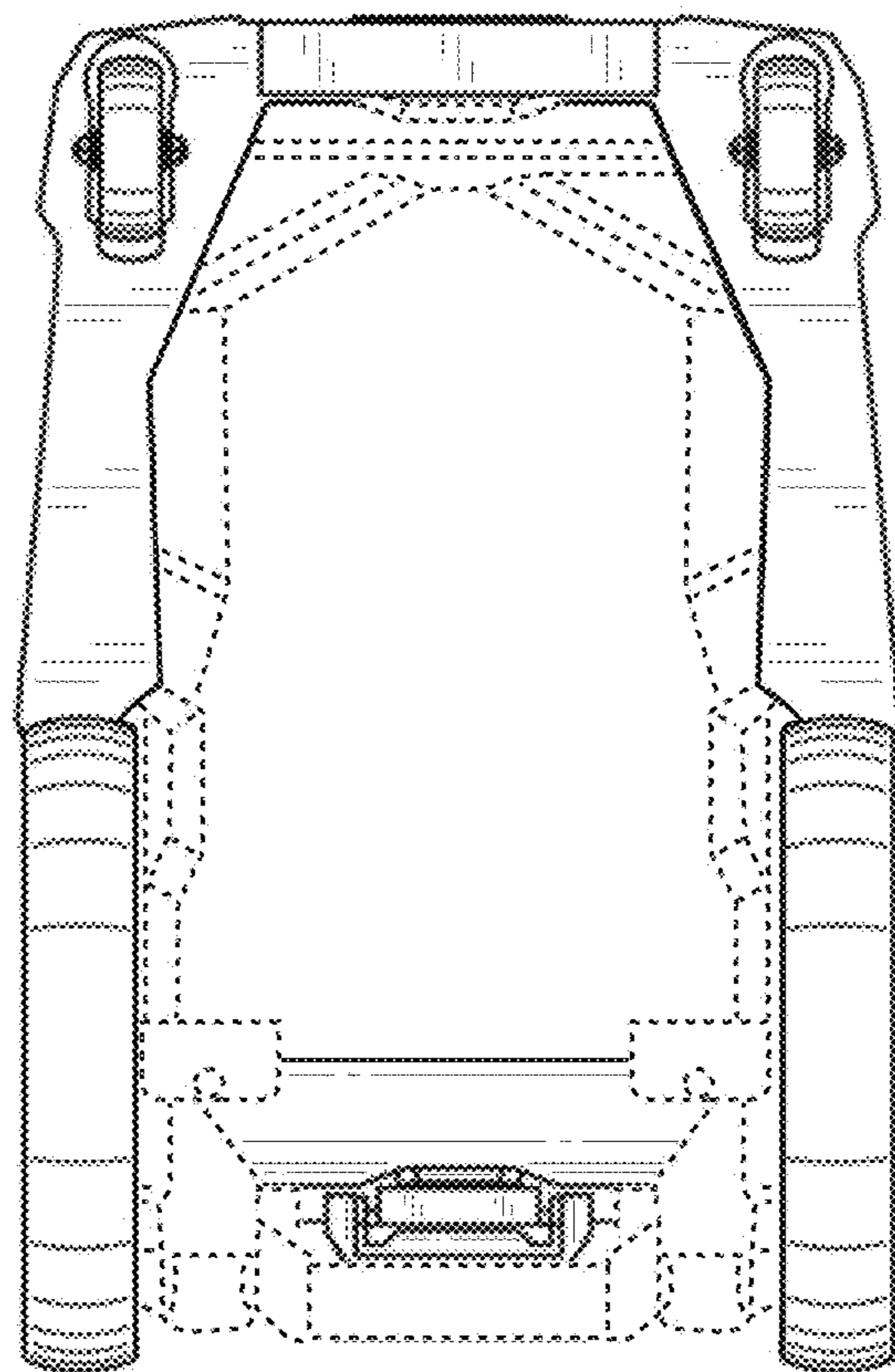


FIG. 7

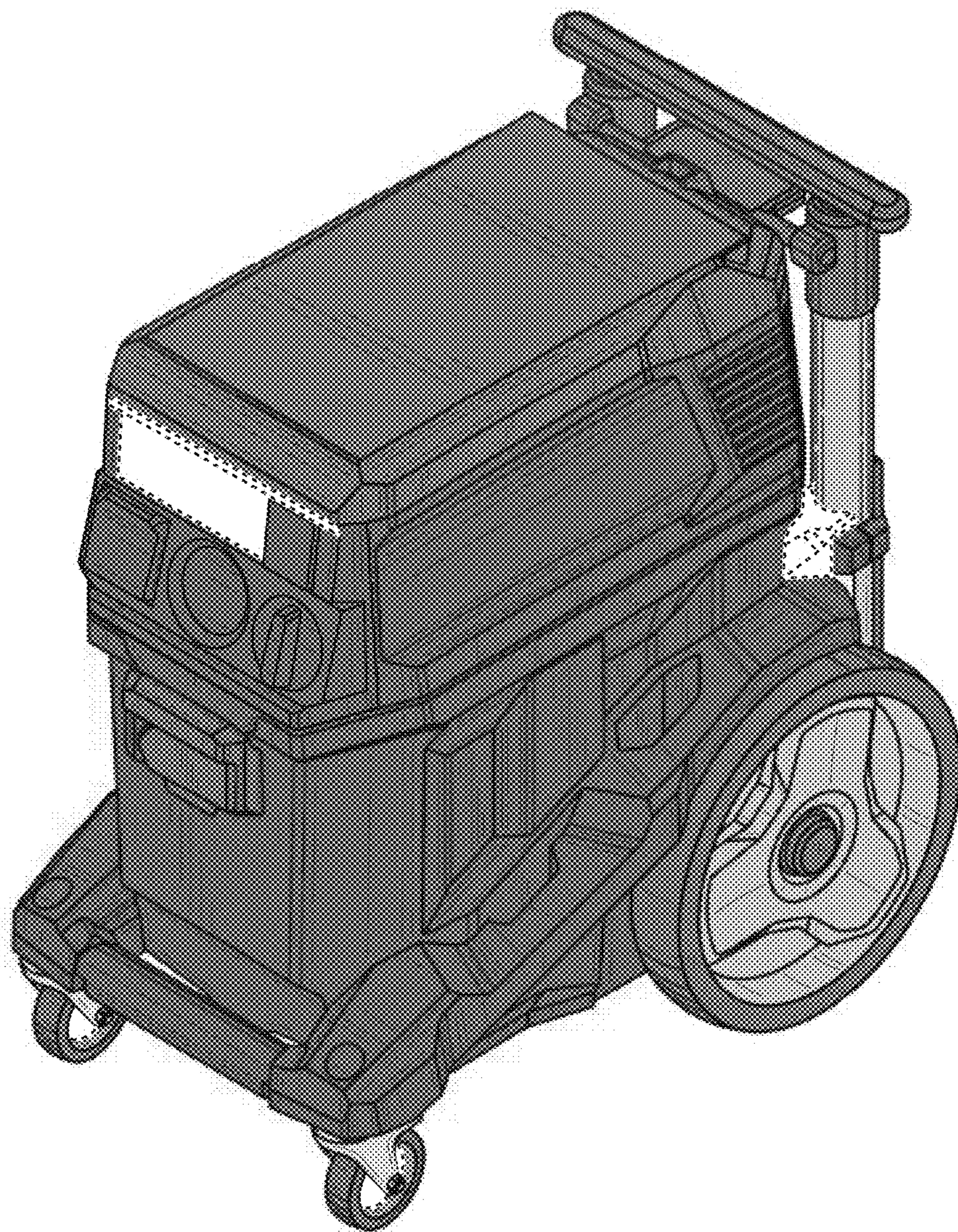


FIG. 8

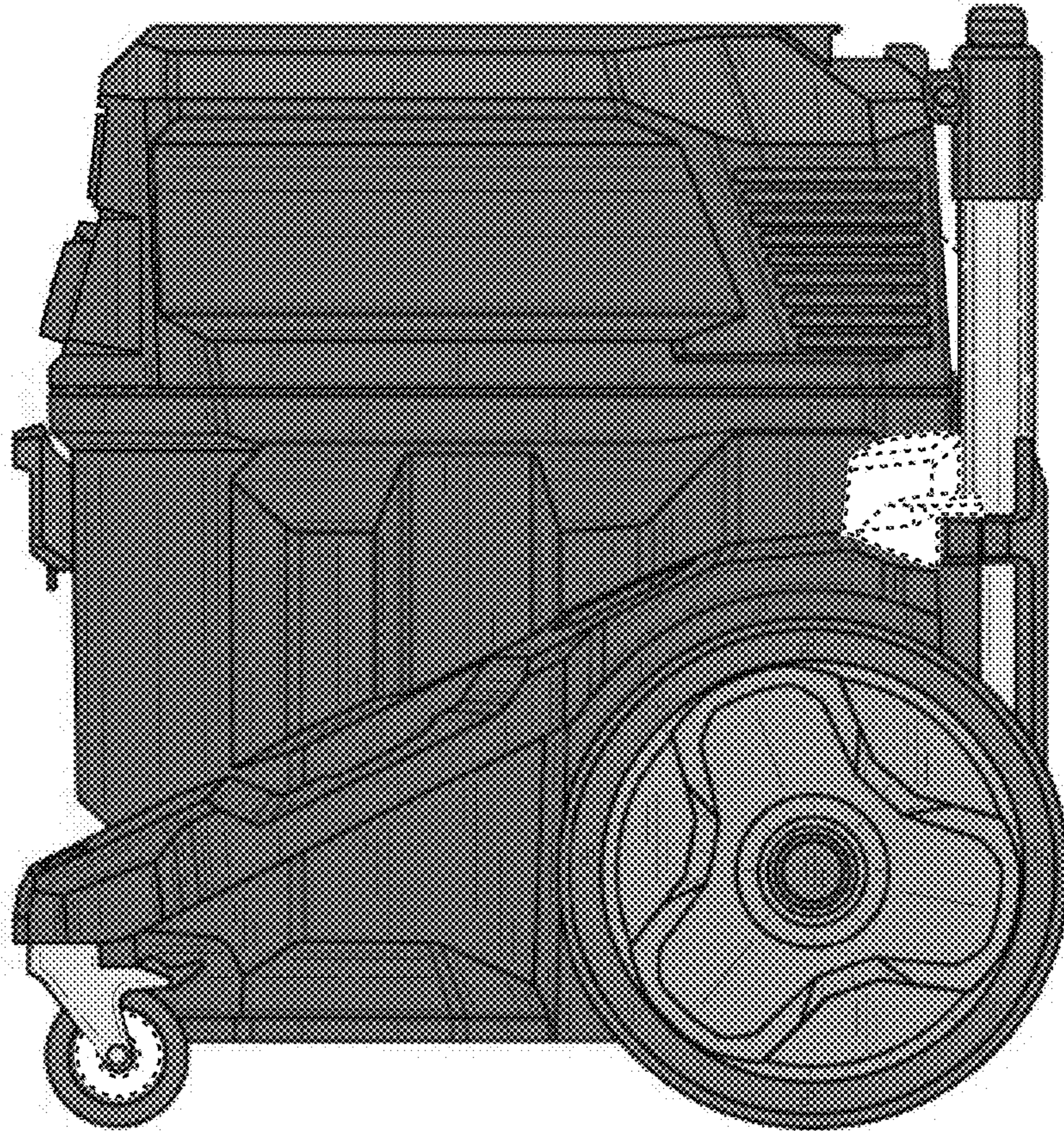


FIG. 9

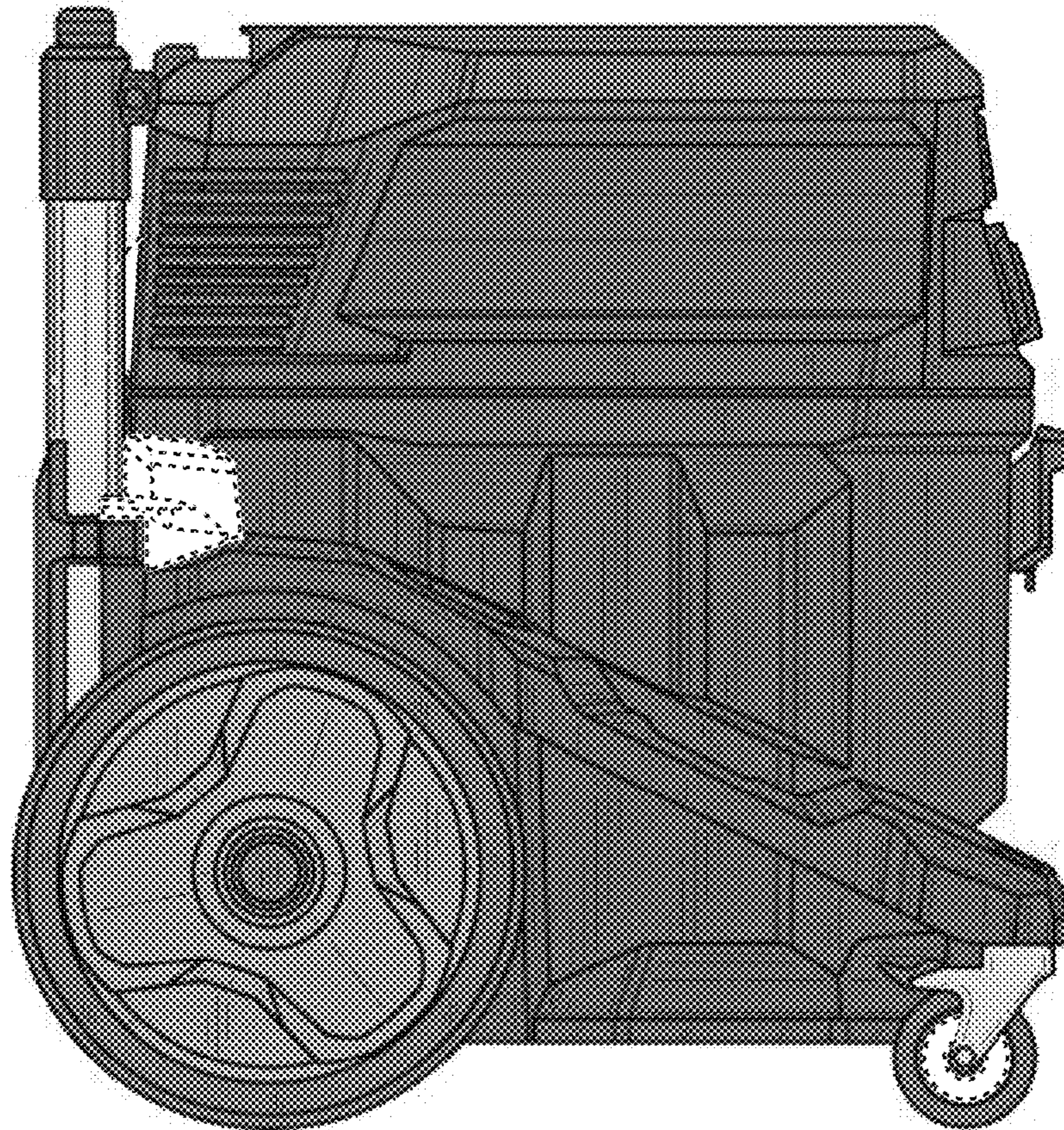


FIG. 10

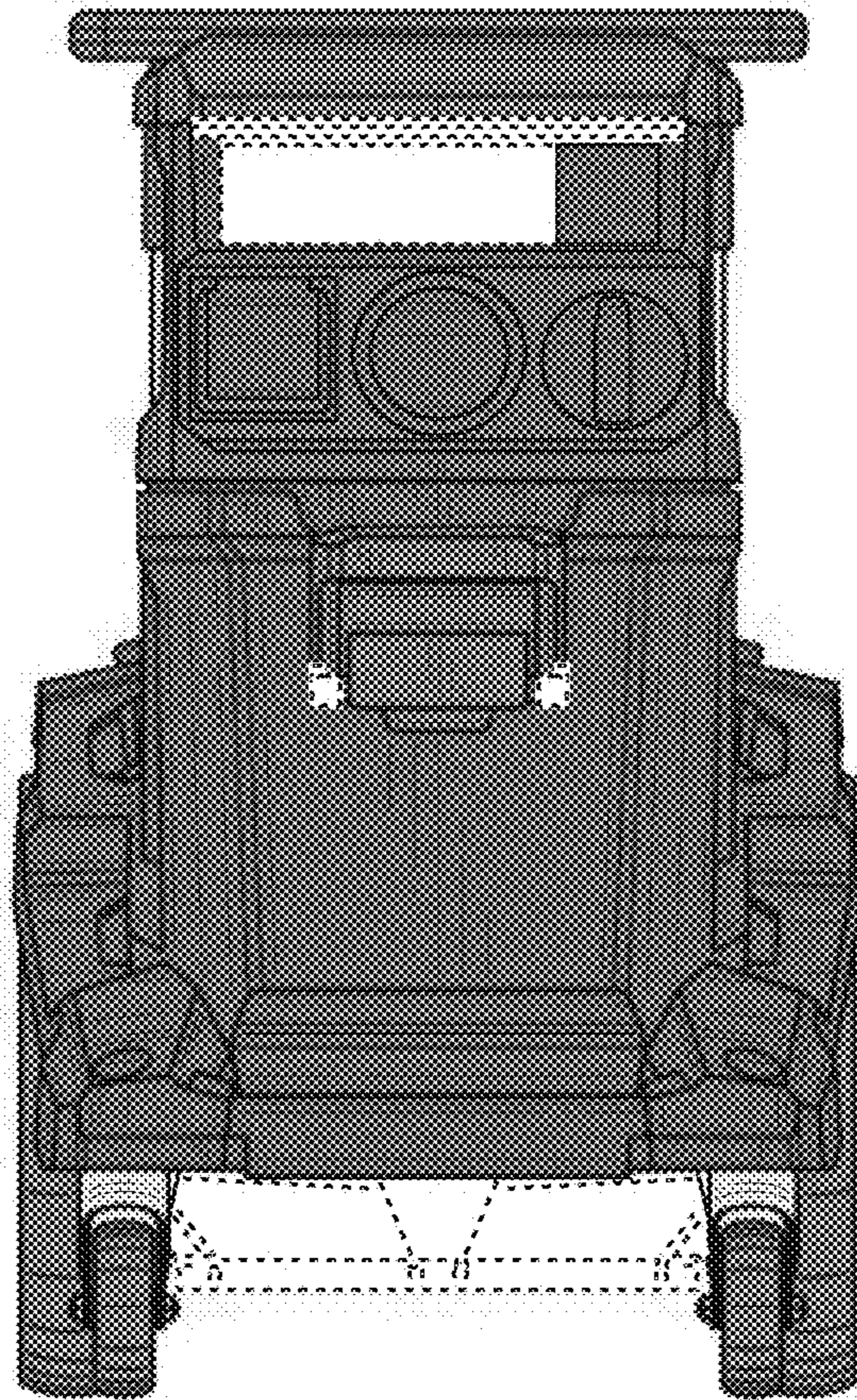


FIG. 11

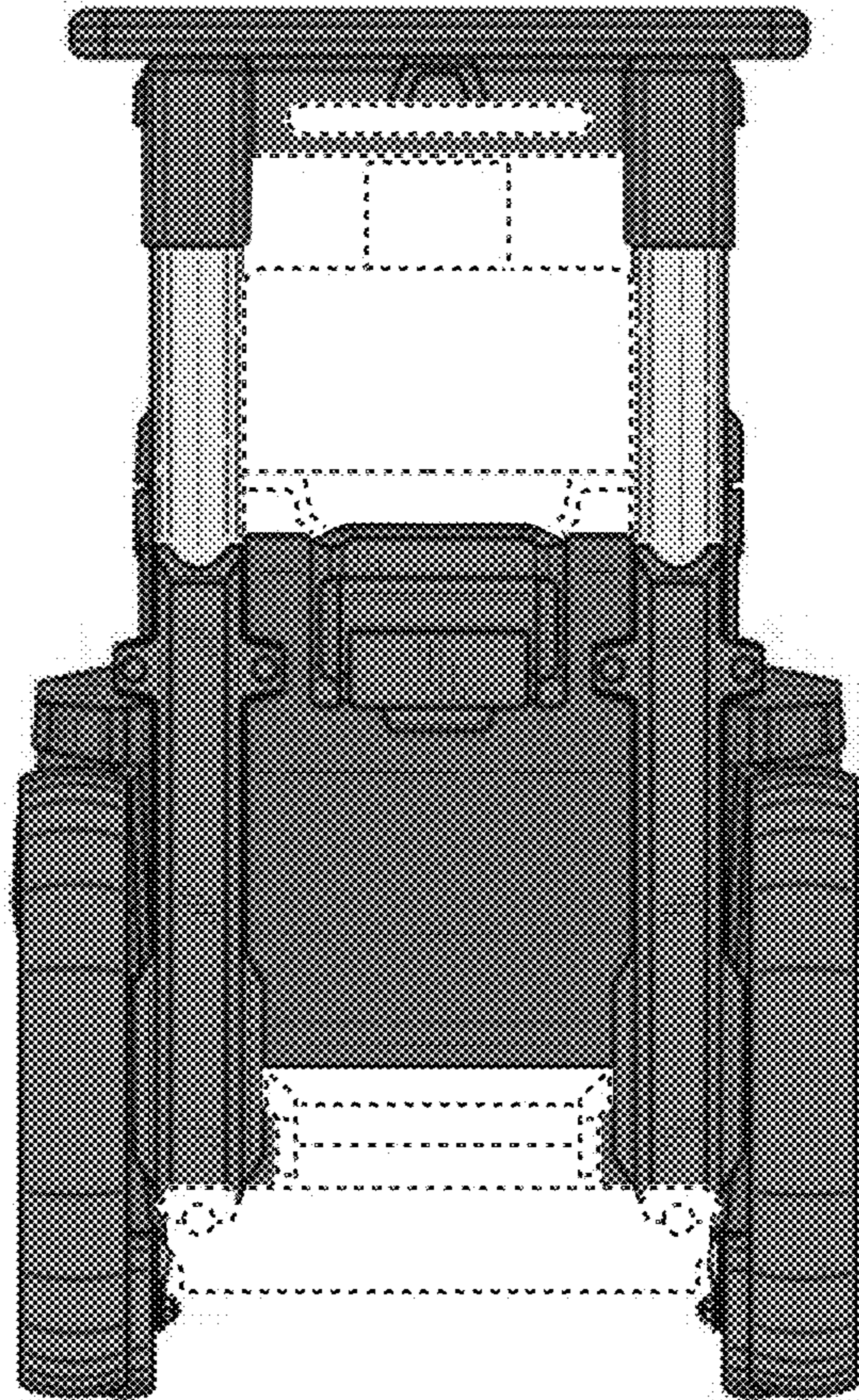


FIG. 12

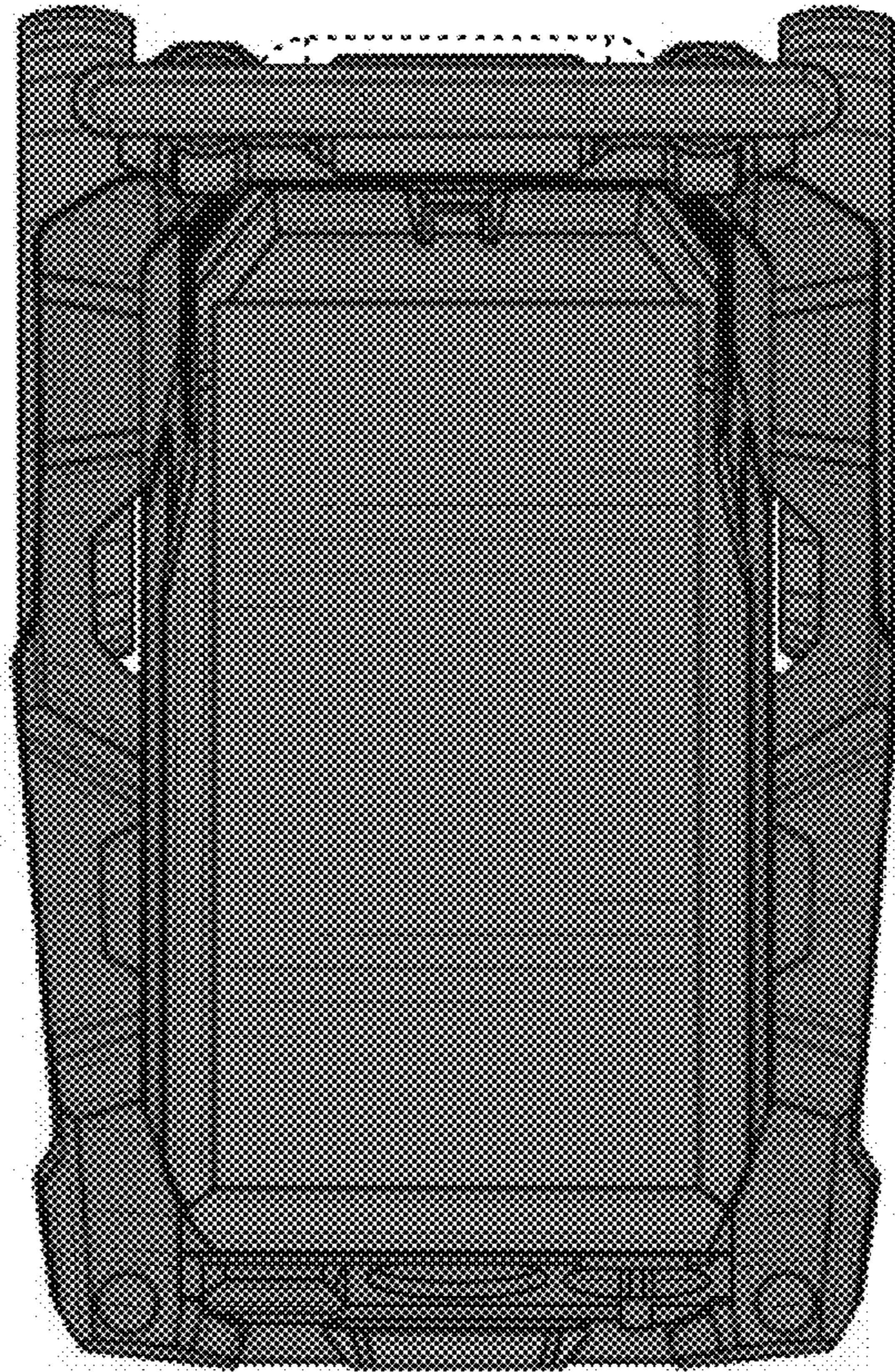


FIG. 13

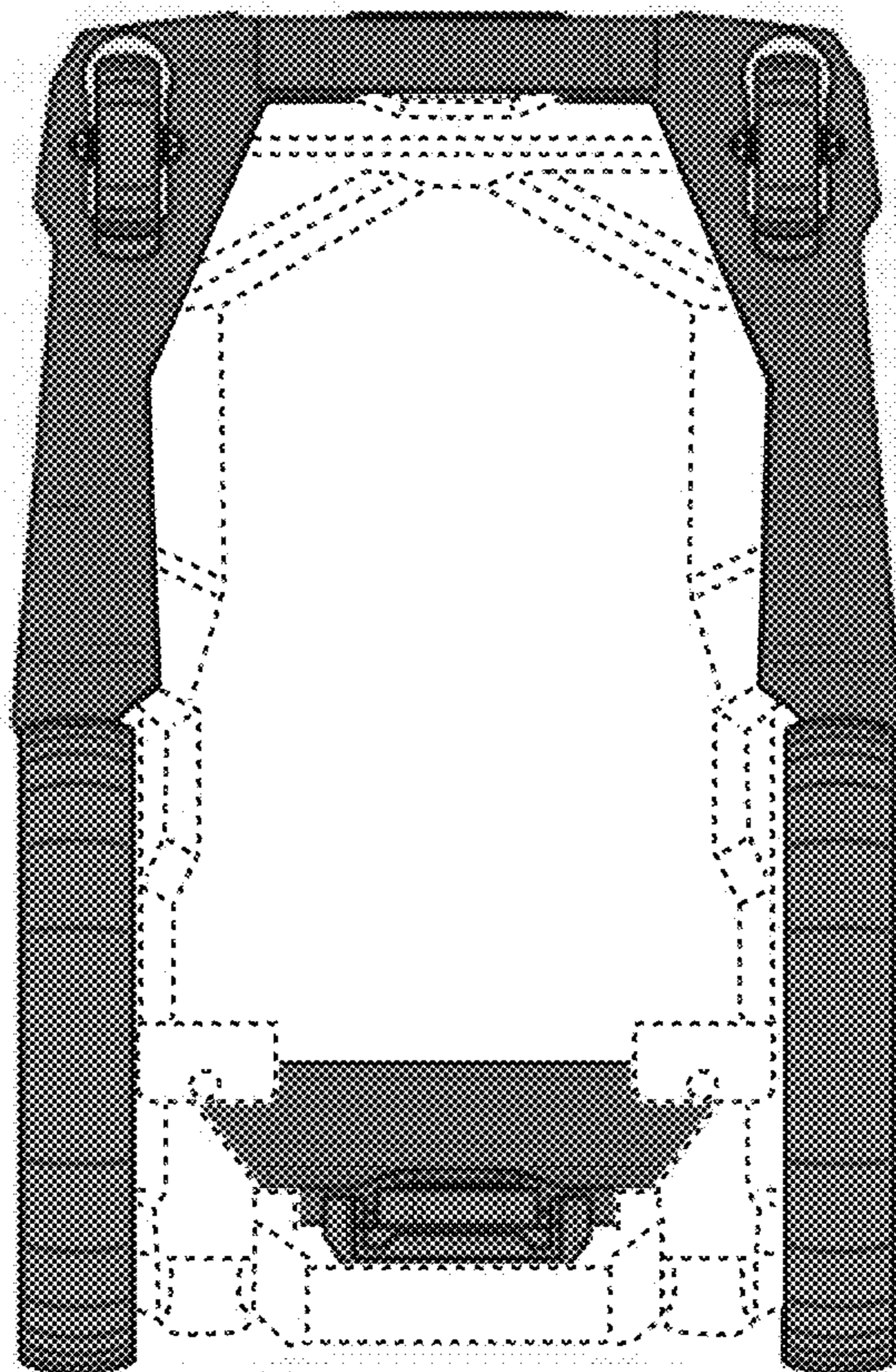


FIG. 14