



US00D977527S

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

(10) **Patent No.:** **US D977,527 S**

(45) **Date of Patent:** **** Feb. 7, 2023**

(54) **AIR COMPRESSOR**

(74) *Attorney, Agent, or Firm* — McAndrews Held & Malloy, Ltd.

(71) Applicant: **Harbor Freight Tools USA, Inc.**,
Calabasas, CA (US)

(72) Inventor: **James Constantine Vintzel**, Jackson,
TN (US)

(57) **CLAIM**

The ornamental design for an air compressor, as shown and described.

(73) Assignee: **HARBOR FREIGHT TOOLS USA, INC.**, Calabasas, CA (US)

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

DESCRIPTION

(21) Appl. No.: **29/785,300**

FIG. 1 is a top and front perspective view of an air compressor showing my new design according to a first embodiment;

(22) Filed: **May 25, 2021**

FIG. 2 is a front elevation view thereof;

(51) **LOC (14) Cl.** **15-02**

FIG. 3 is a rear elevation thereof;

(52) **U.S. Cl.**
USPC **D15/9**

FIG. 4 is a right side elevation view thereof;

(58) **Field of Classification Search**
USPC D13/103, 112; D15/7-9
CPC .. E03B 5/00; F04B 41/02; F04B 41/06; F04B
35/04; F04B 35/06; F04B 25/00; F04B
17/06; F04B 17/03; F04B 53/18; F04B
(Continued)

FIG. 5 is a left side elevation view thereof;

FIG. 6 is a top plan view thereof;

FIG. 7 is a bottom plan view thereof;

FIG. 8 is a top and rear perspective view thereof;

FIG. 9 is another top and front perspective view thereof, showing a handle in a raised position;

FIG. 10 is another top and rear perspective view thereof, showing the handle in a raised position;

(56) **References Cited**

U.S. PATENT DOCUMENTS

D444,798 S * 7/2001 Morgan D15/9
D475,721 S * 6/2003 Harper D15/9
D579,462 S * 10/2008 Leasure D15/7

(Continued)

FIG. 11 is a top and front perspective view of an air compressor showing my new design according to a second embodiment;

FIG. 12 is a front elevation view thereof;

FIG. 13 is a rear elevation thereof;

FIG. 14 is a right side elevation view thereof;

FIG. 15 is a left side elevation view thereof;

FIG. 16 is a top plan view thereof;

FIG. 17 is a bottom plan view thereof;

FIG. 18 is a top and rear perspective view thereof;

FIG. 19 is another top and front perspective view thereof, showing a handle in a raised position; and,

FIG. 20 is another top and rear perspective view thereof, showing the handle in a raised position.

The dashed broken lines in the figures illustrate portions of the air compressor that form no part of the claimed design.

OTHER PUBLICATIONS

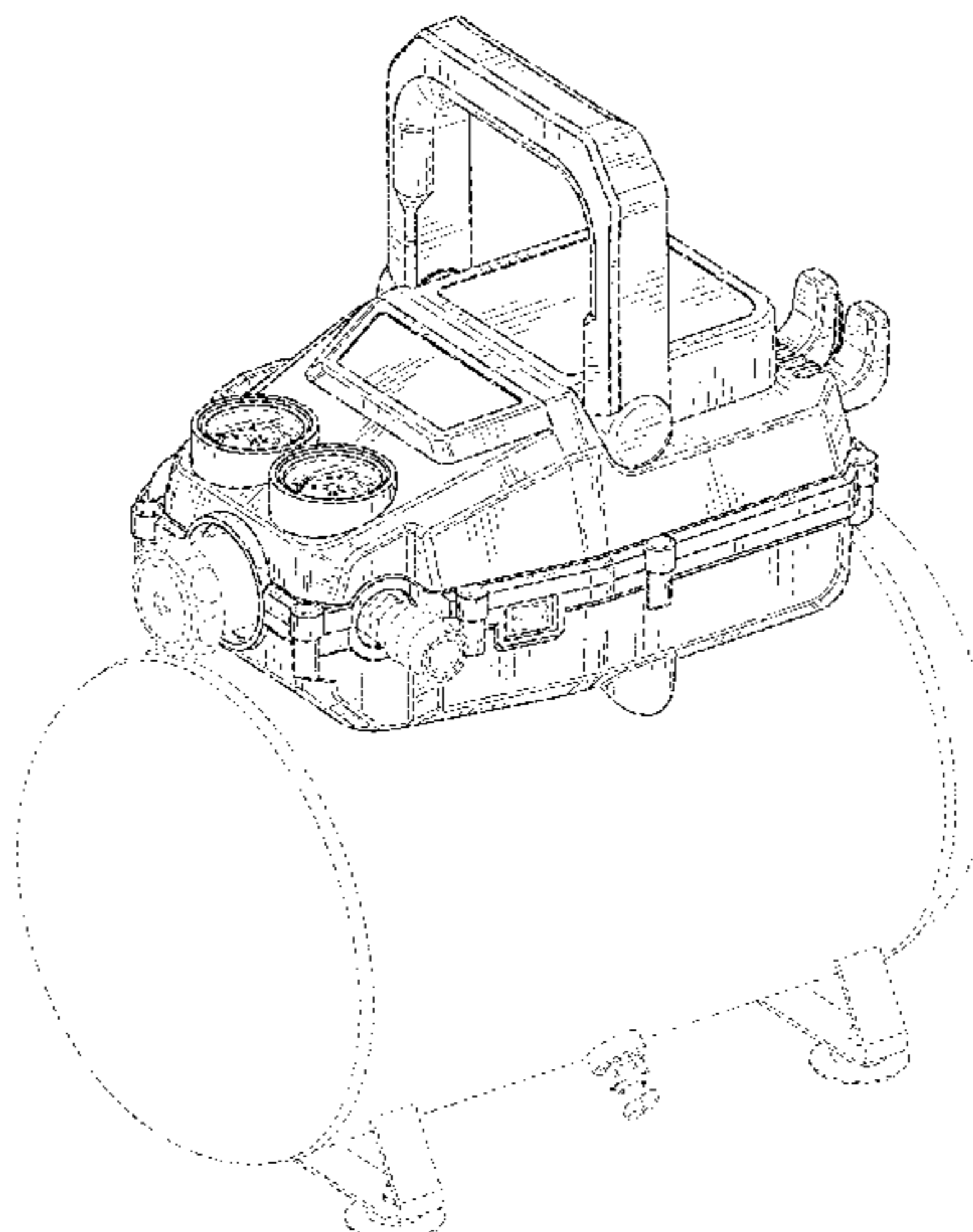
Jimmy's Garage, New! Harbor Freight McGraw 3-Gallon Oil-less Pancake Compressor Tests+Full Review, (posted Jan. 4, 2021), YouTube.com, URL:<<https://www.youtube.com/watch?v=WY4pjjD-bBw>> (Year: 2021).*

(Continued)

Primary Examiner — Calvin E Vasant

Assistant Examiner — Mark T. Philipps

1 Claim, 20 Drawing Sheets



(58) **Field of Classification Search**

CPC 23/00; F04B 41/00; F04C 2210/221; F04C
2240/30

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D585,460	S	*	1/2009	Plunk	.....	D15/9
D588,612	S	*	3/2009	Steinfels	.....	D15/7
D730,945	S	*	6/2015	Leasure	.....	D15/9
10,451,050	B2	*	10/2019	Thackery	.....	F04B 35/06
D898,776	S	*	10/2020	Gao	.....	D15/9
D902,259	S	*	11/2020	Vintzel	.....	D15/7
D947,252	S	*	3/2022	Francis	.....	D15/7
D947,903	S	*	4/2022	Francis	.....	D15/7
D949,203	S	*	4/2022	Qiao	.....	D15/7

OTHER PUBLICATIONS

Bostitch, Pancake Air Compressor—Oil Free—6 Gallon, (first available Mar. 10, 2015), Amazon.com, URL:<<https://www.amazon.com/Bostitch-BTFP02012-Gallon-Oil-Free-Compressor/dp/B00UHNM1R0/>> (Year: 2015).*

Central Pneumatic, 1/3 Horsepower 3 Gallon 100 PSO Oil less Pancake Air Compressor, (first available Oct. 1, 2011), Amazon.com, URL:<<https://www.amazon.com/CENTRAL-PNEUMATIC-Neighborhood-Corner-Store/dp/B01LWUJZQ4/>> (Year: 2011).*

* cited by examiner

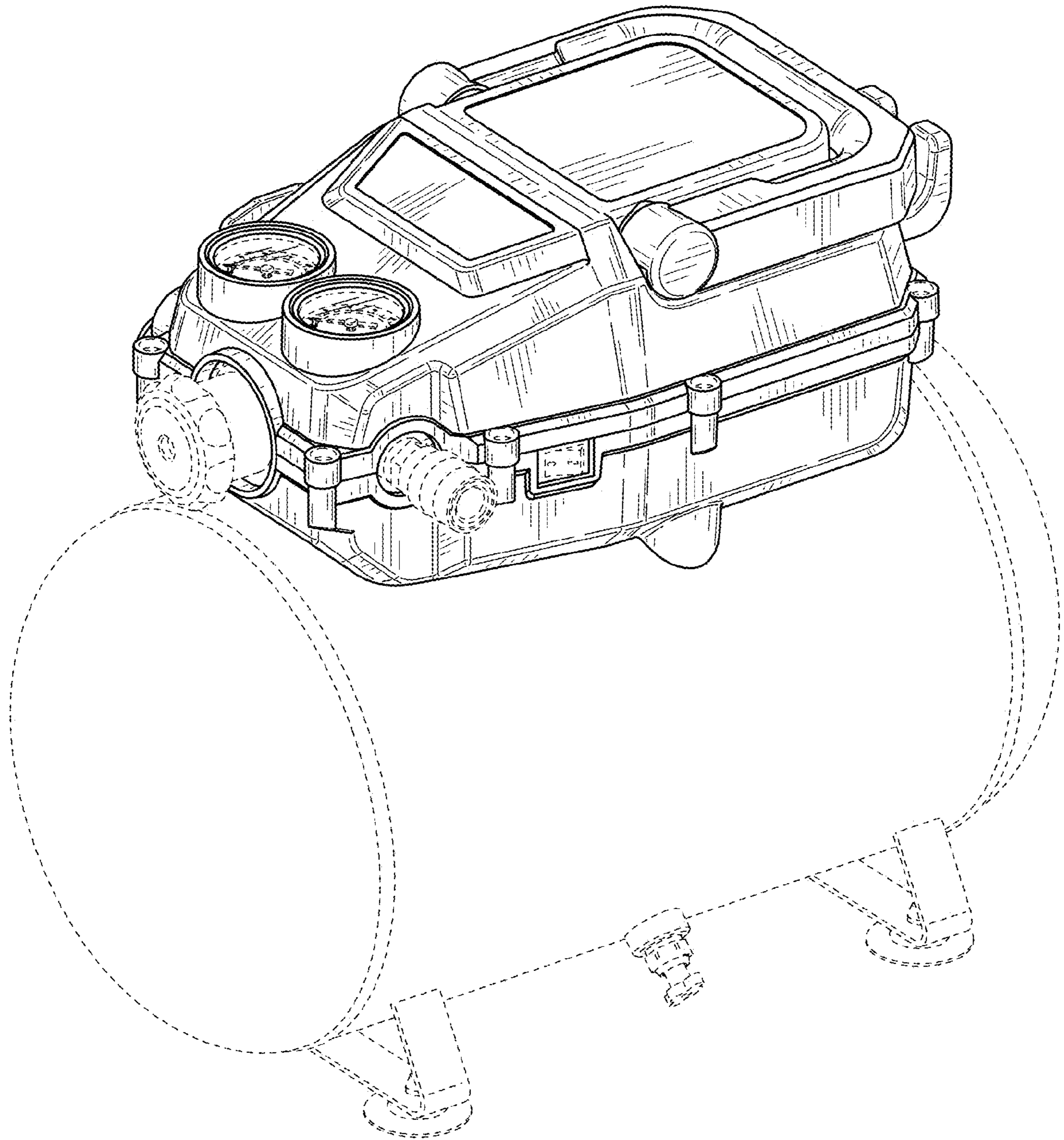


FIG. 1

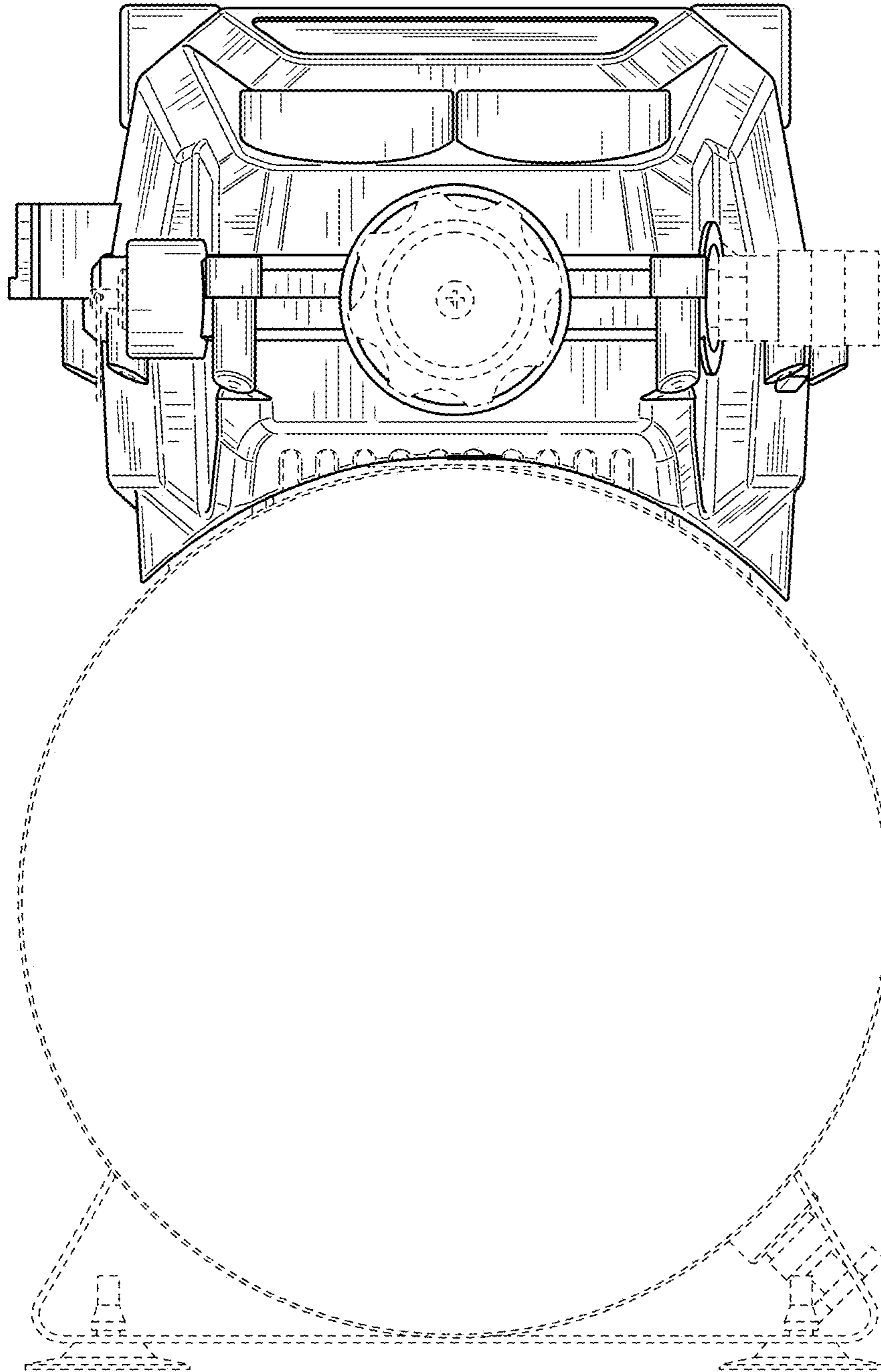


FIG. 2

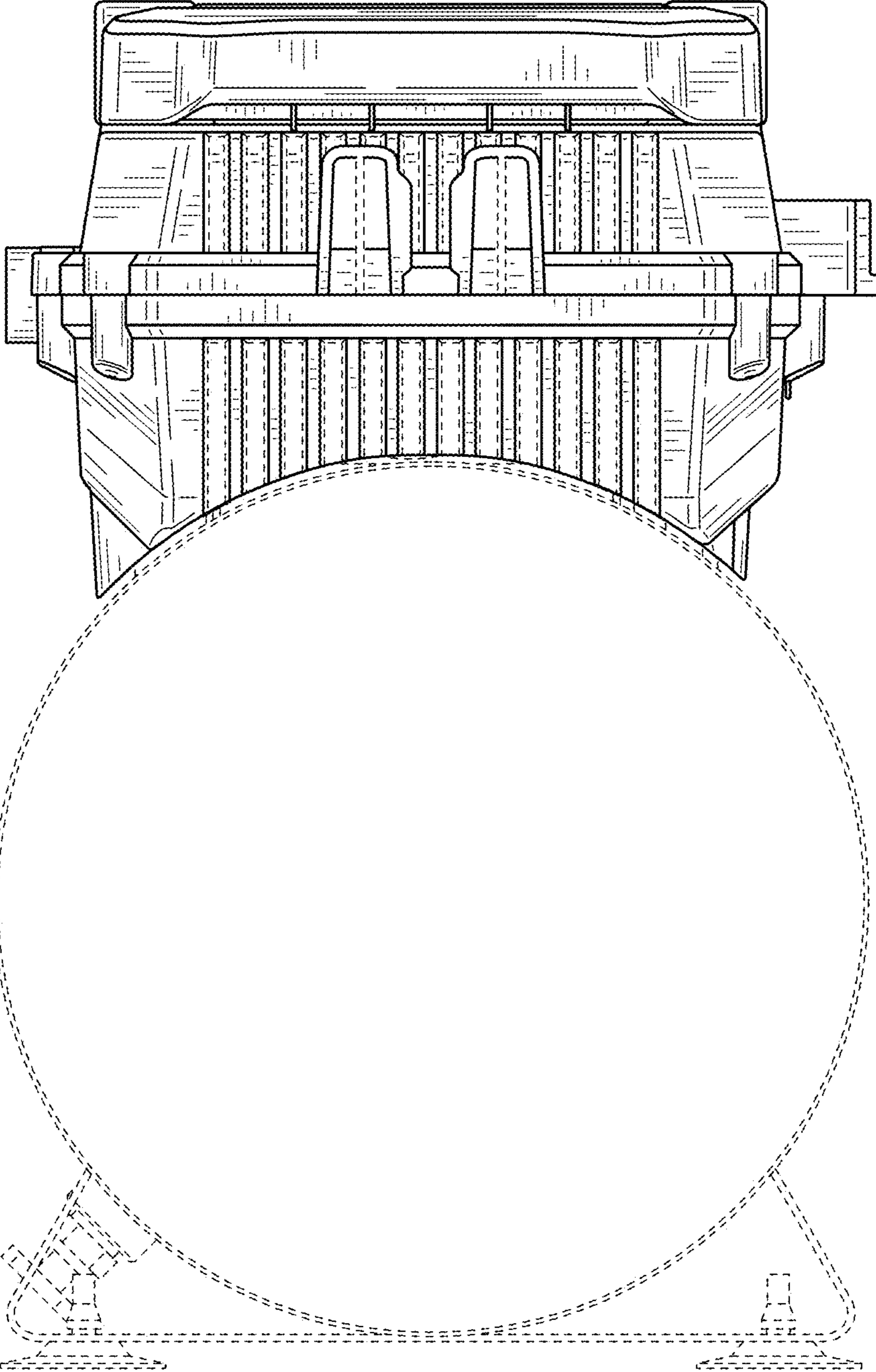


FIG. 3

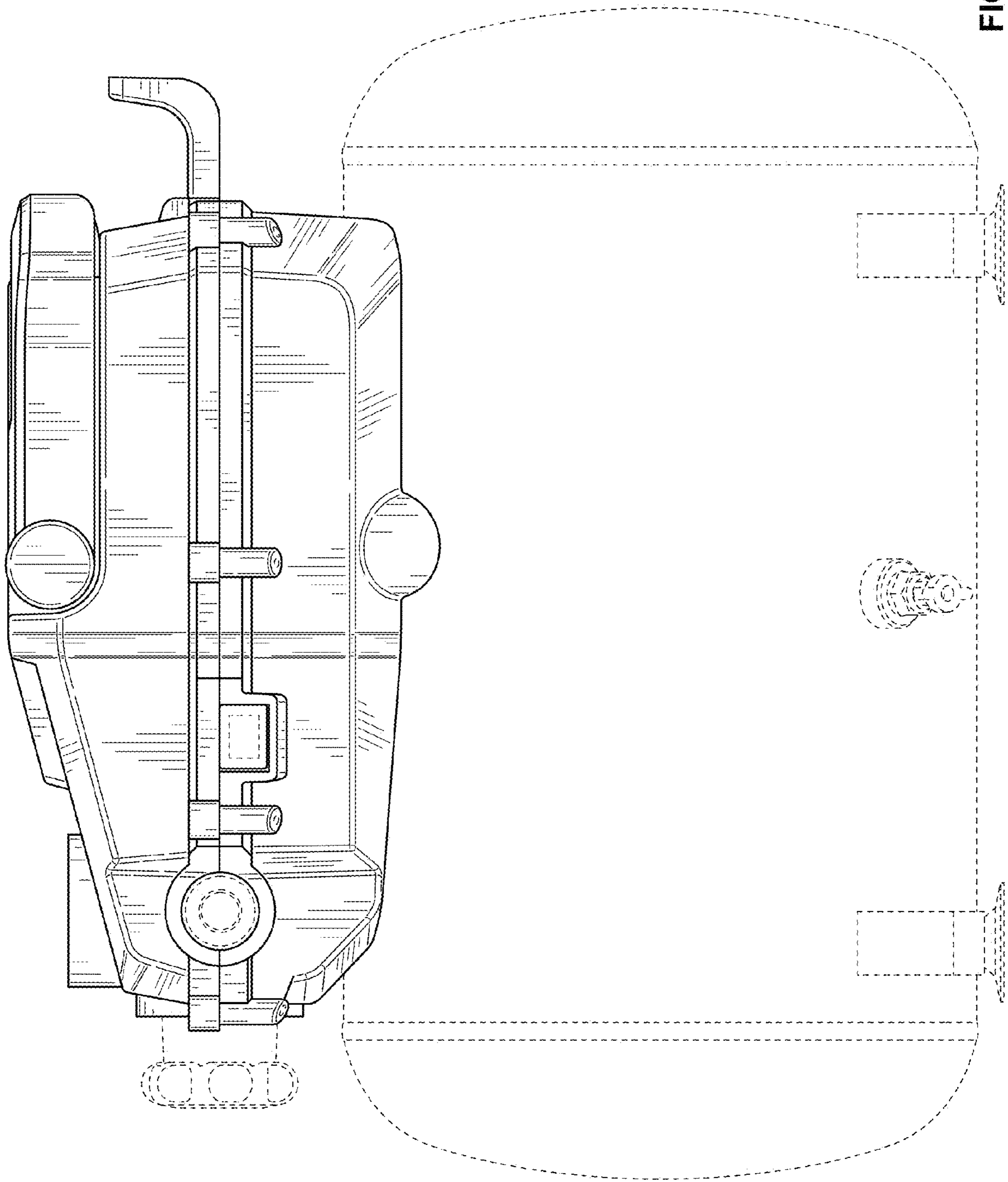


FIG. 4

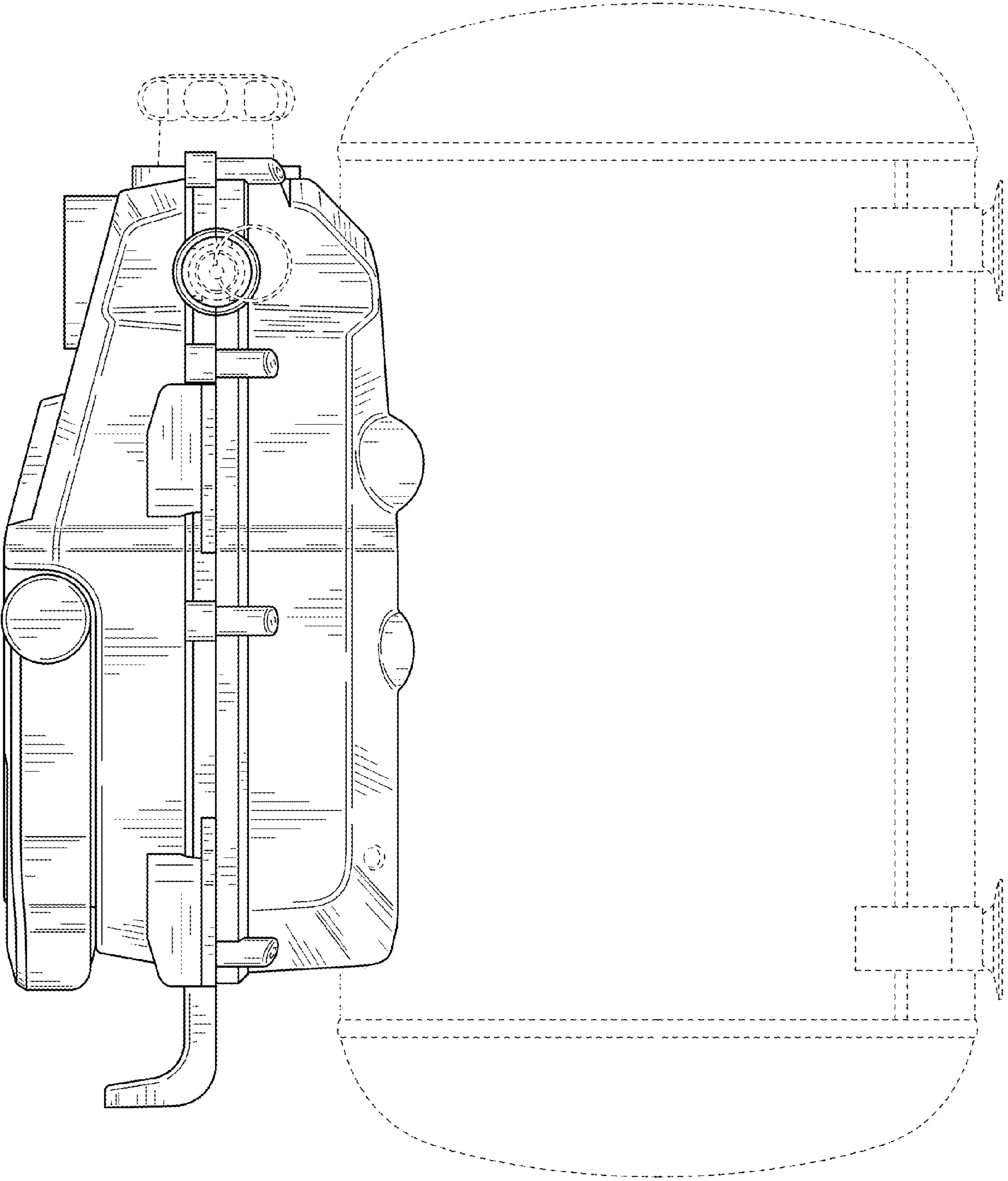


FIG. 5

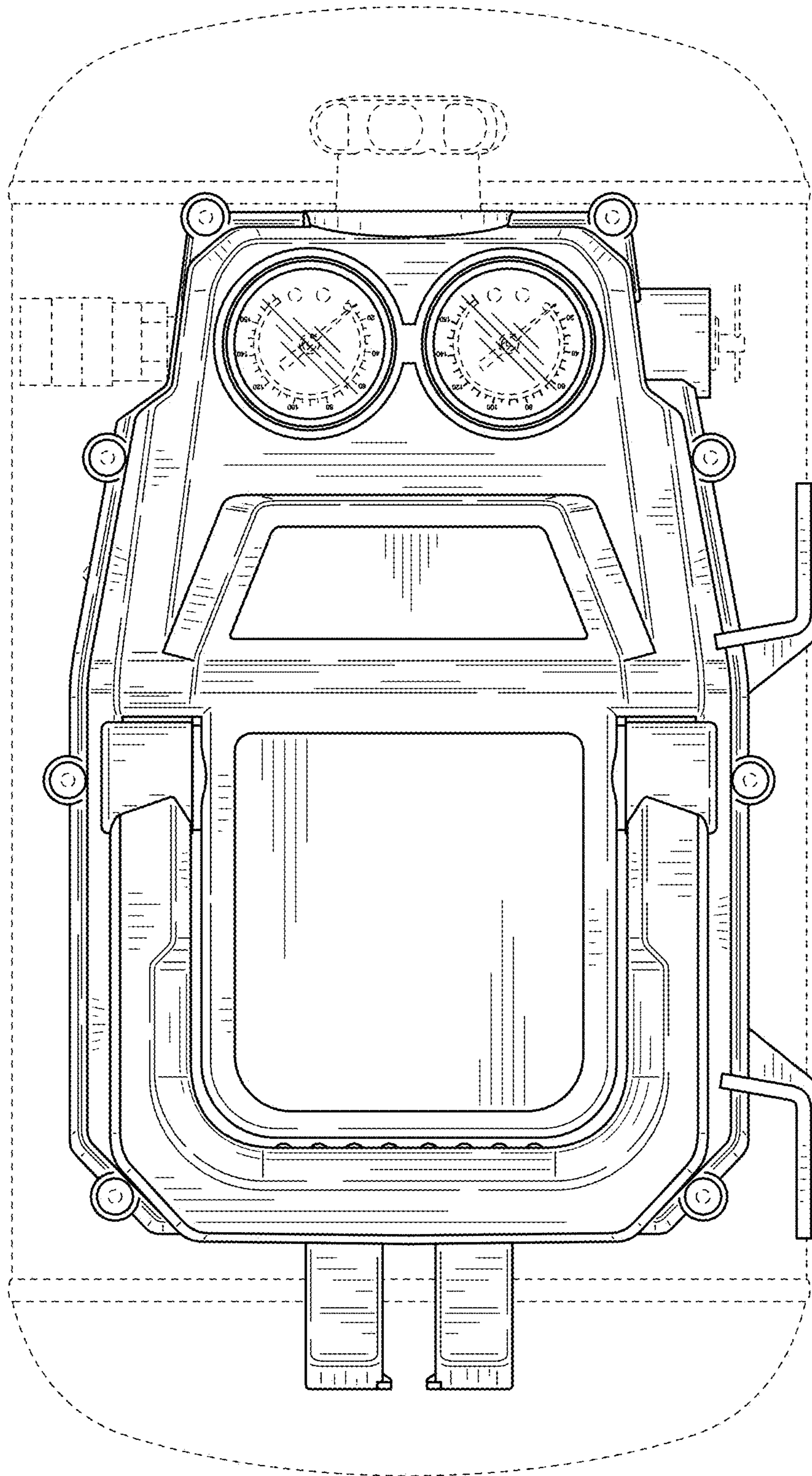


FIG. 6

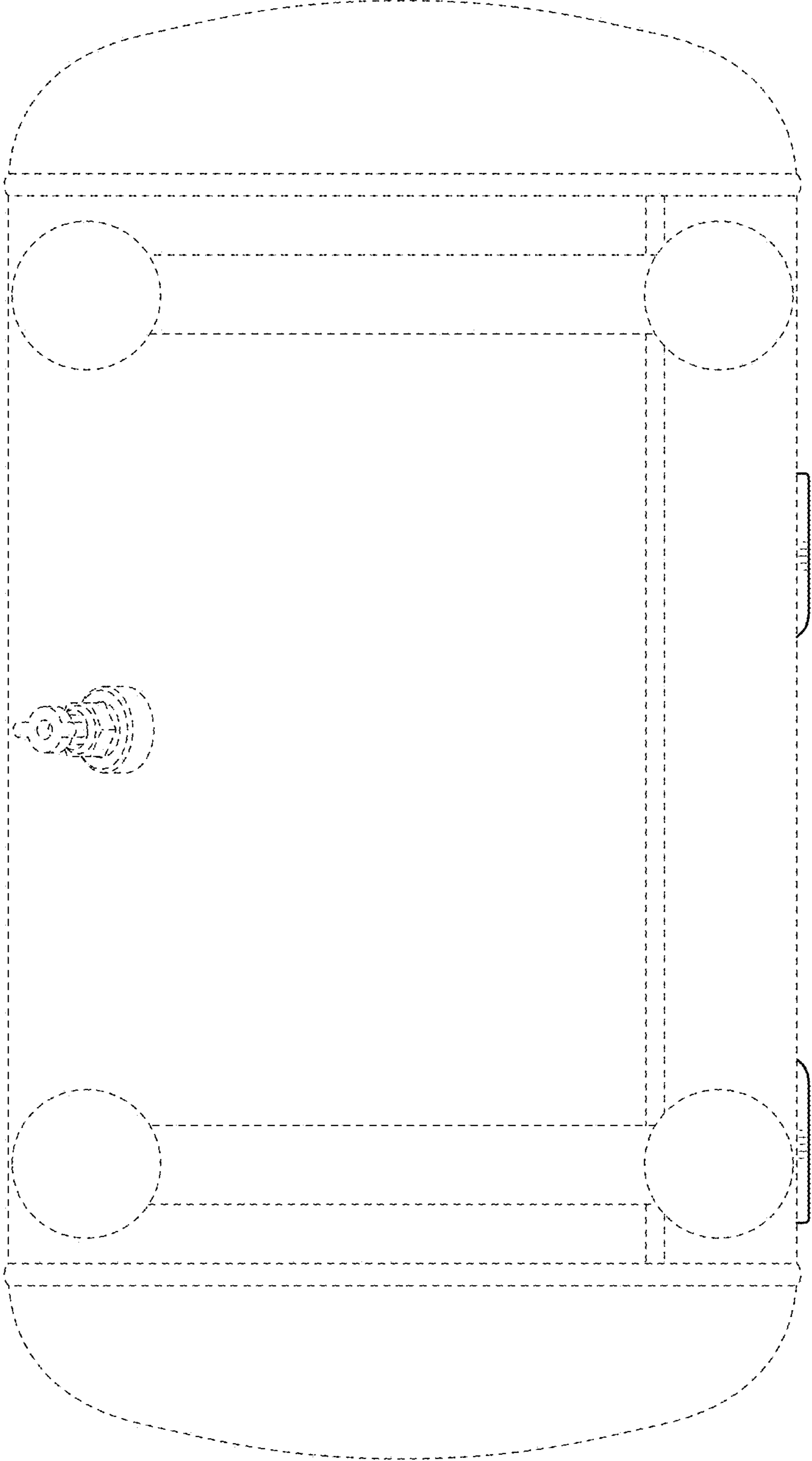


FIG. 7

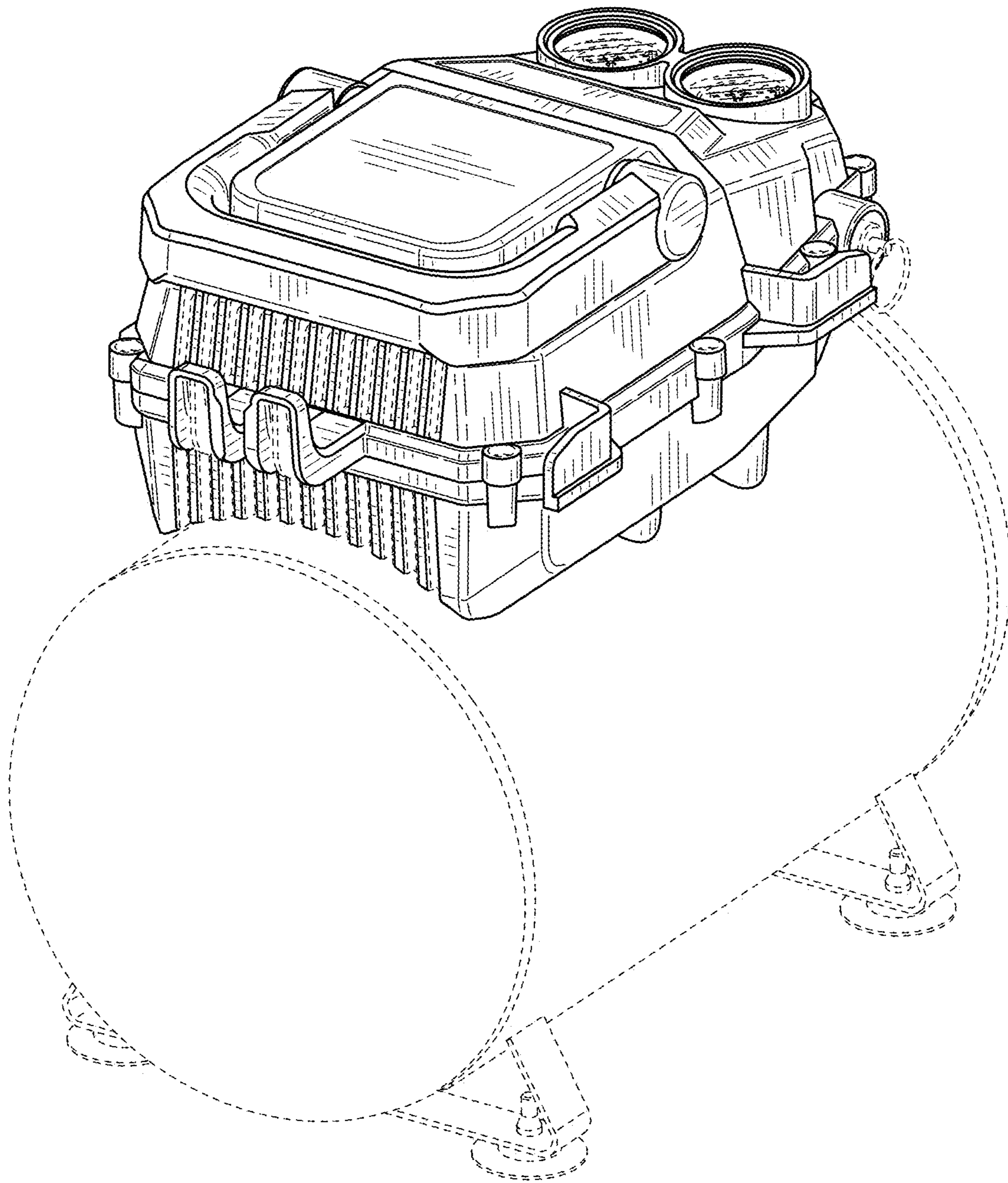


FIG. 8

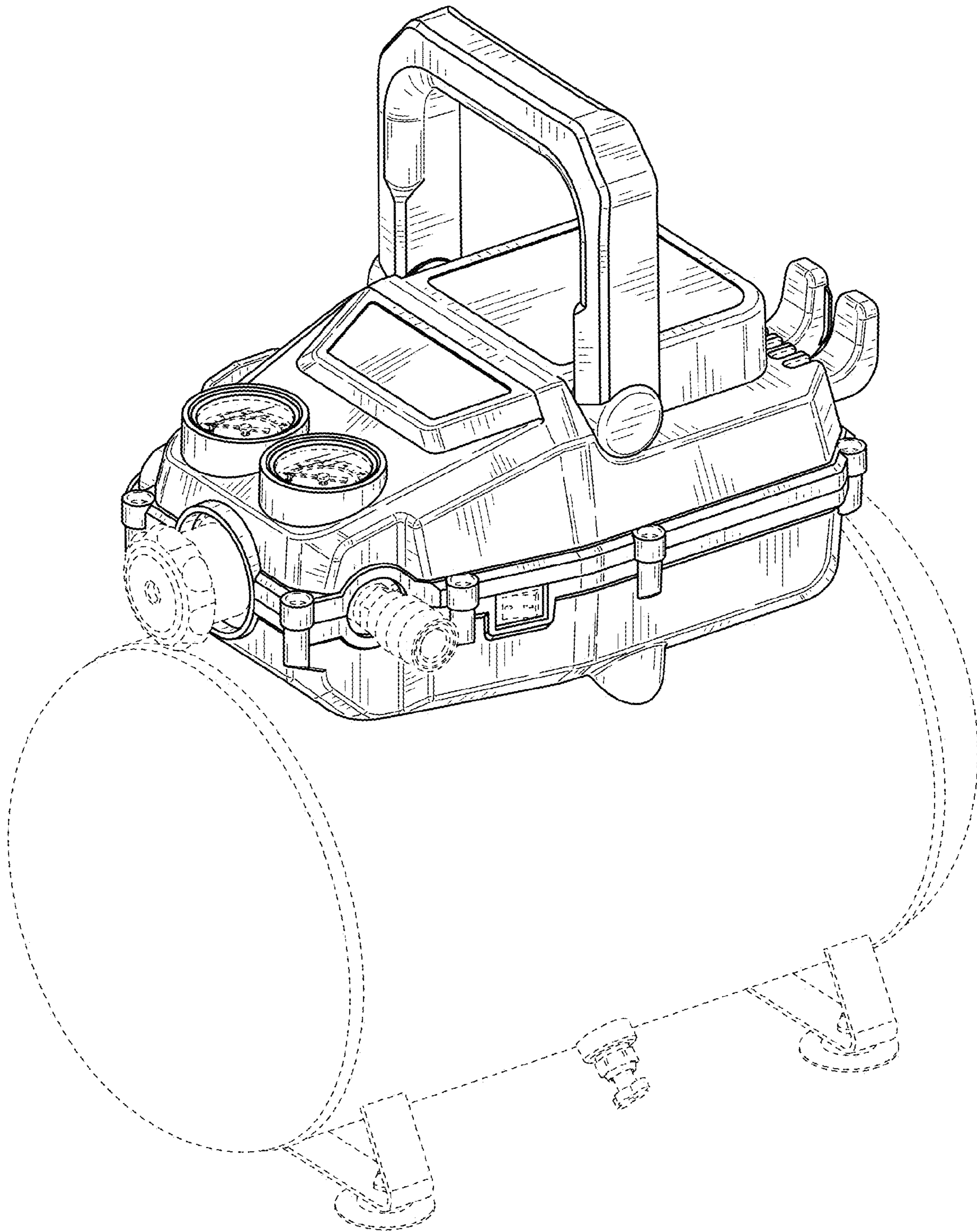


FIG. 9

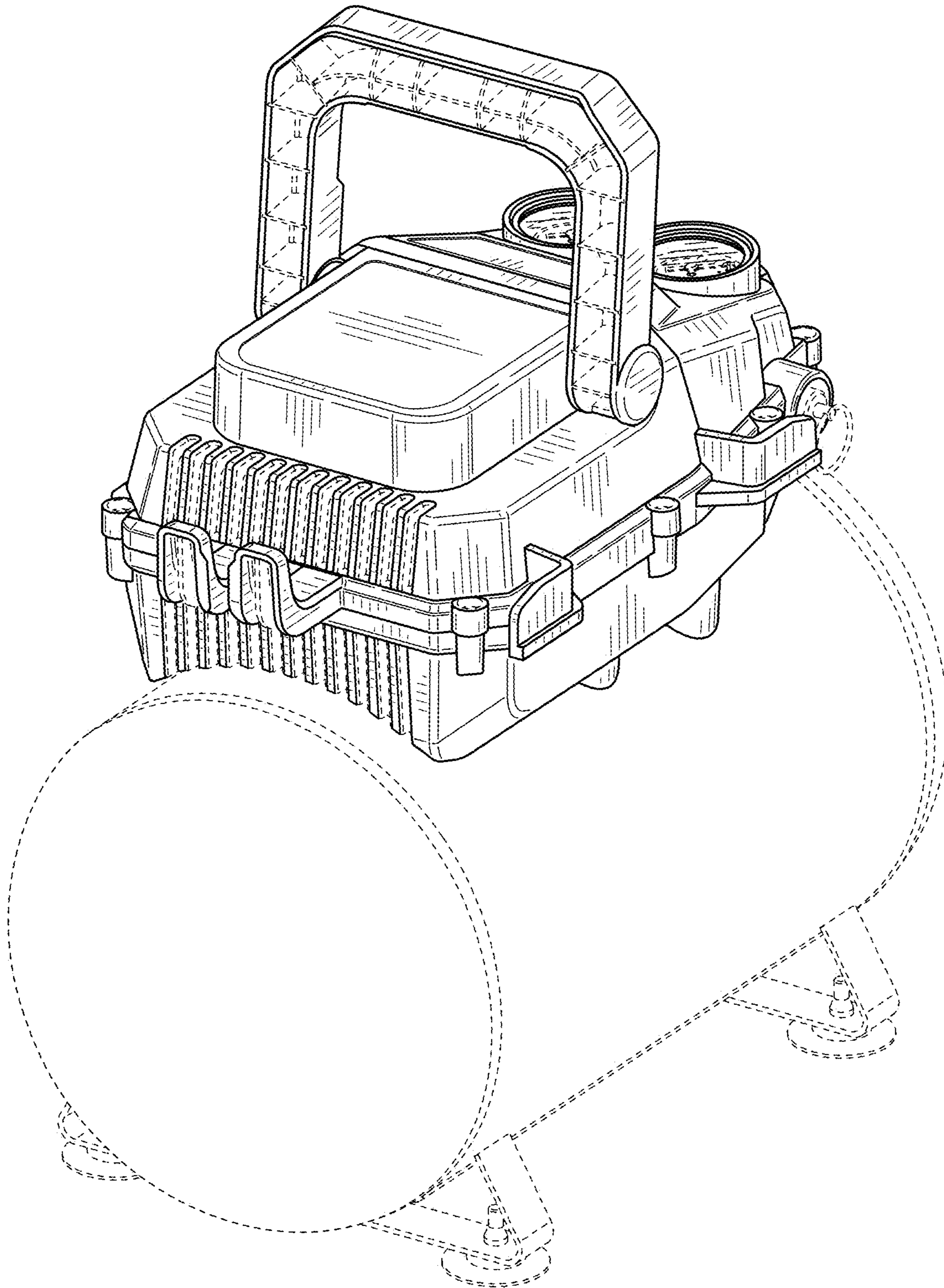


FIG. 10

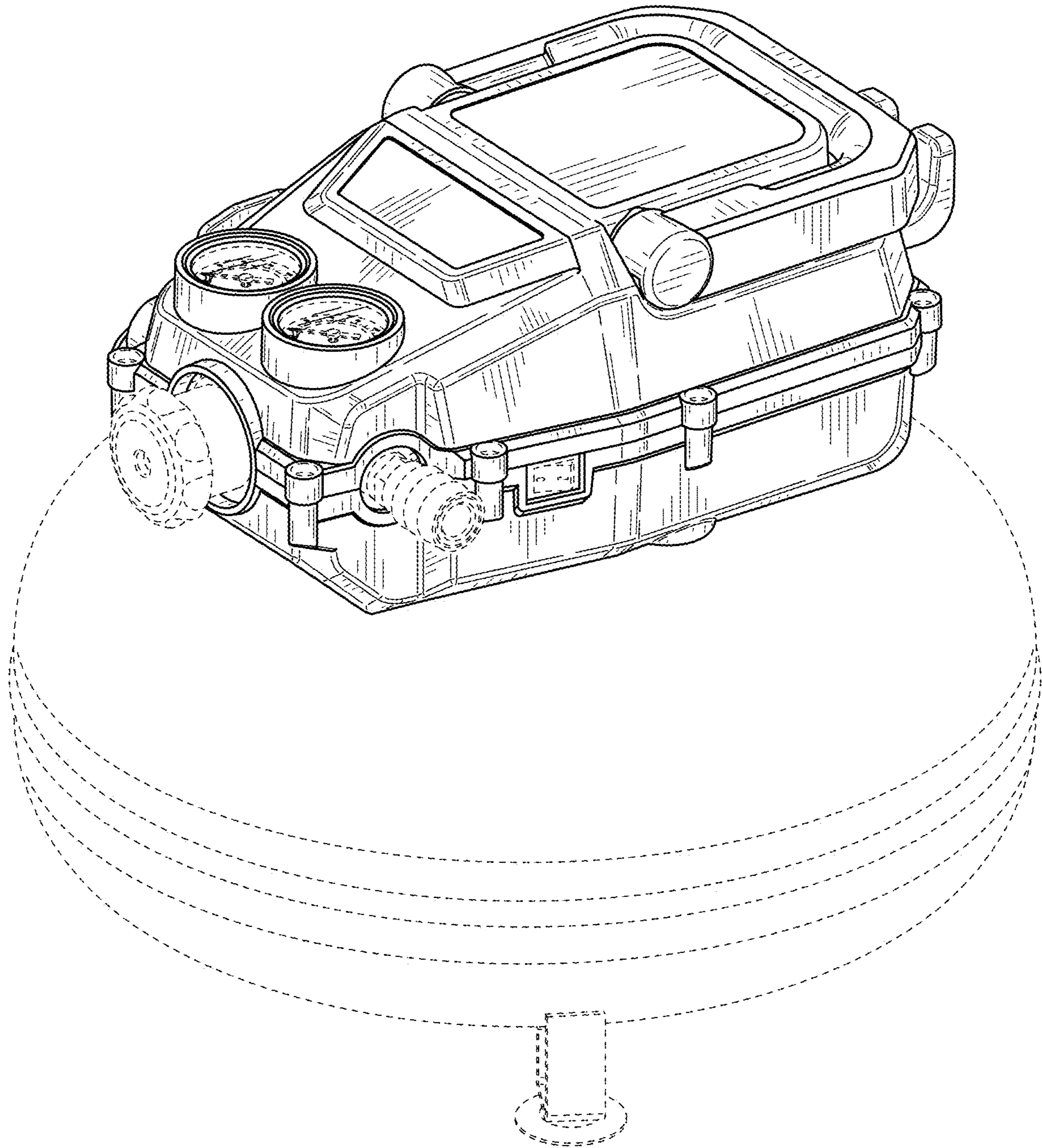


FIG. 11

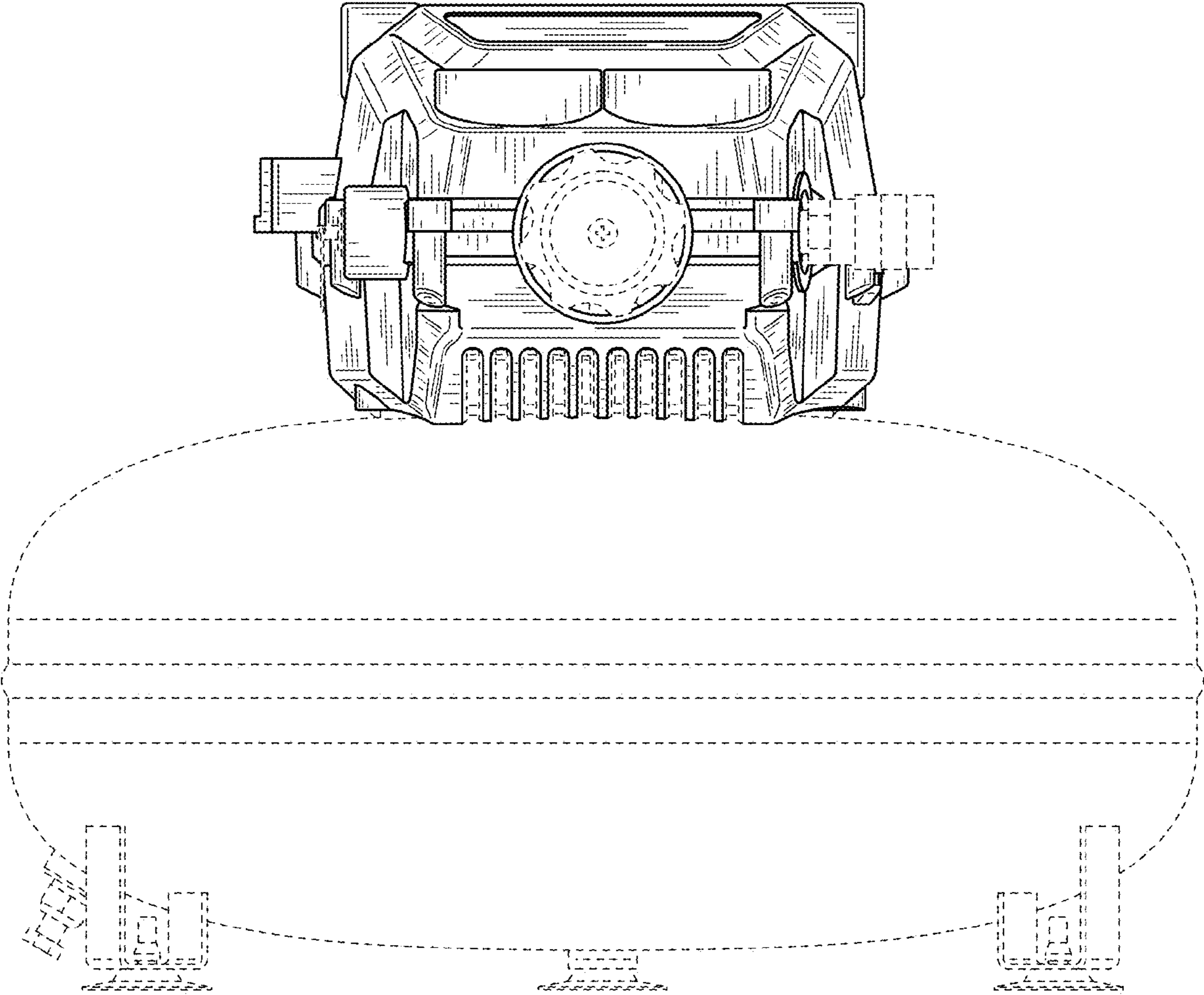


FIG. 12

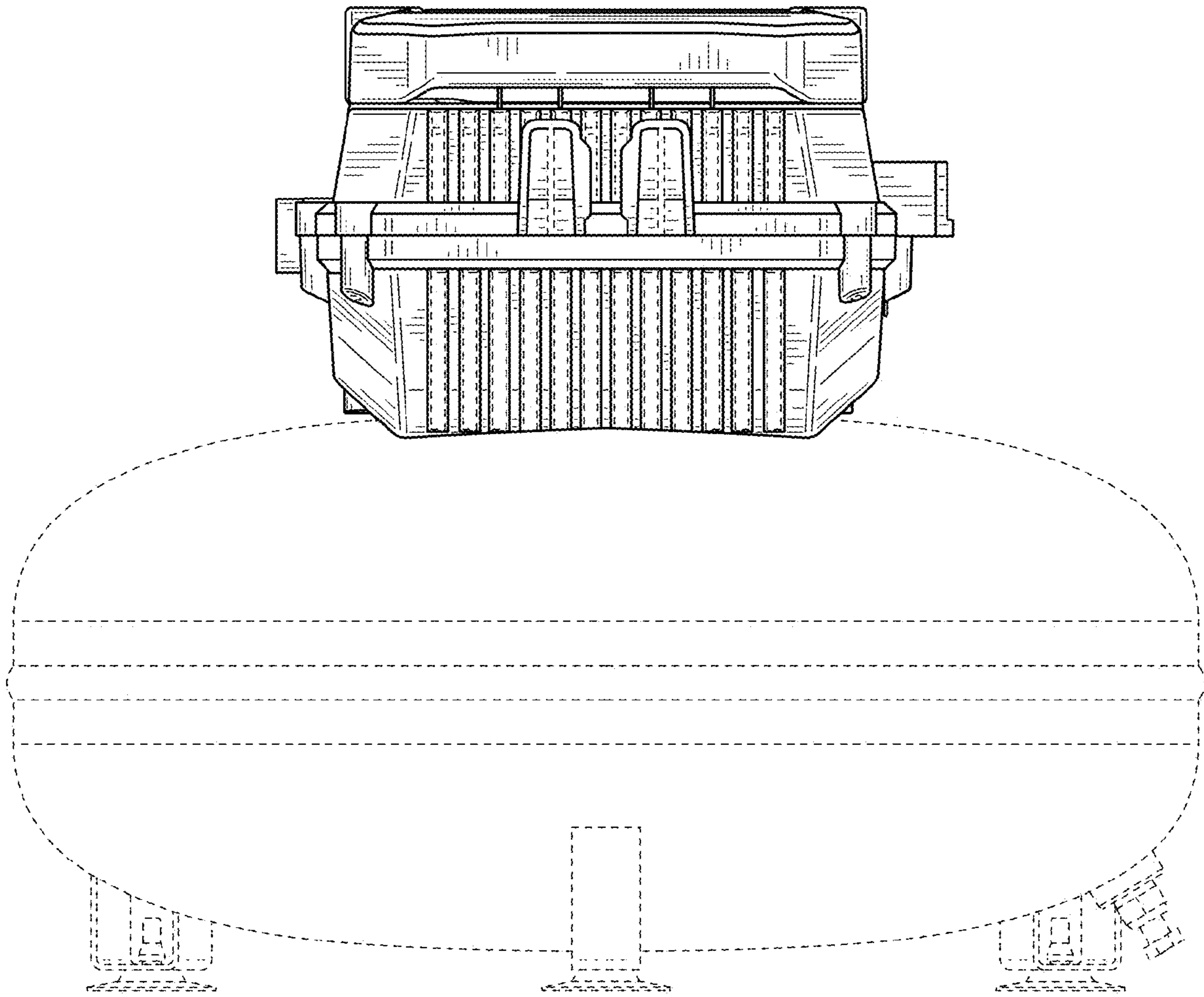


FIG. 13

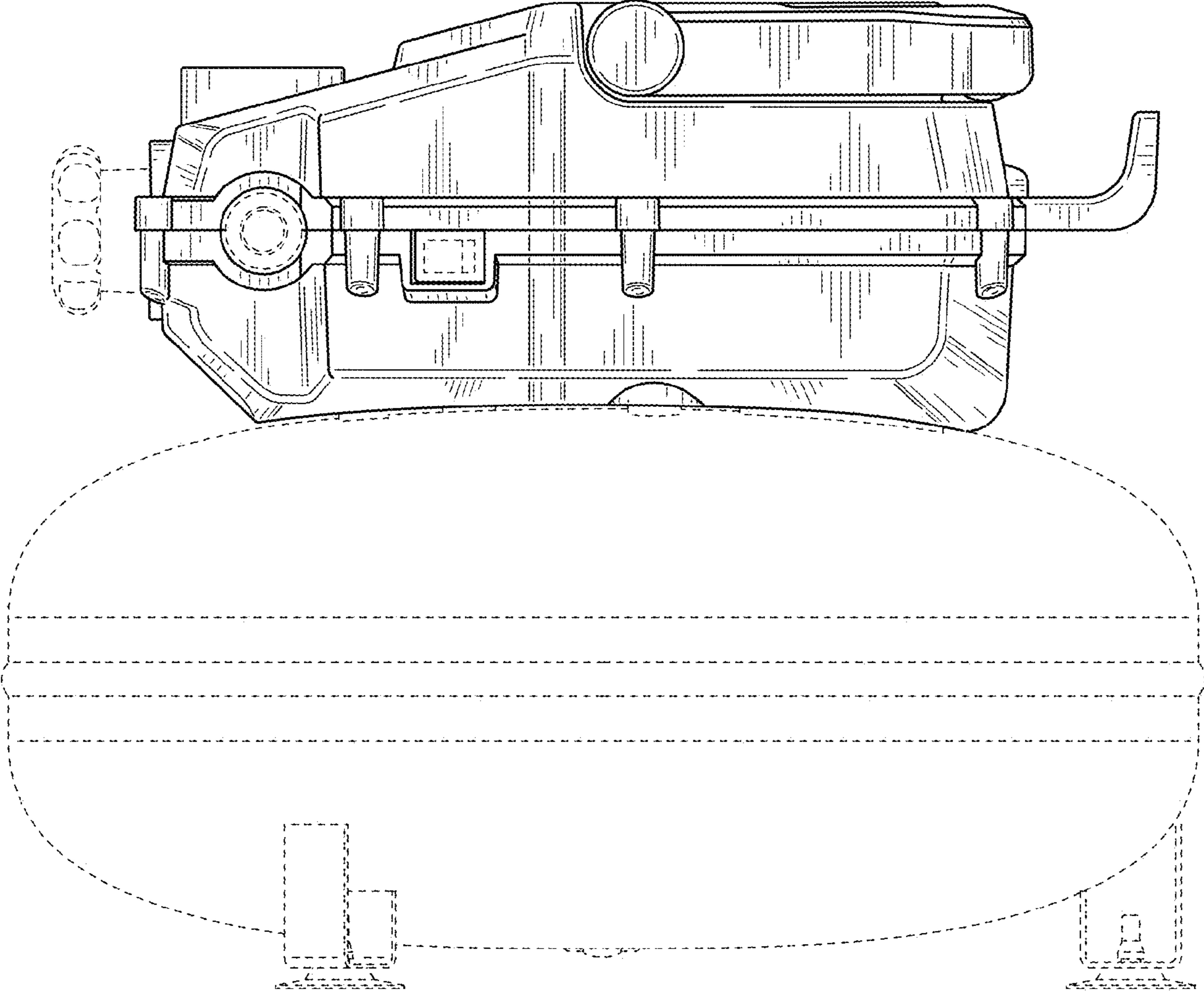


FIG. 14

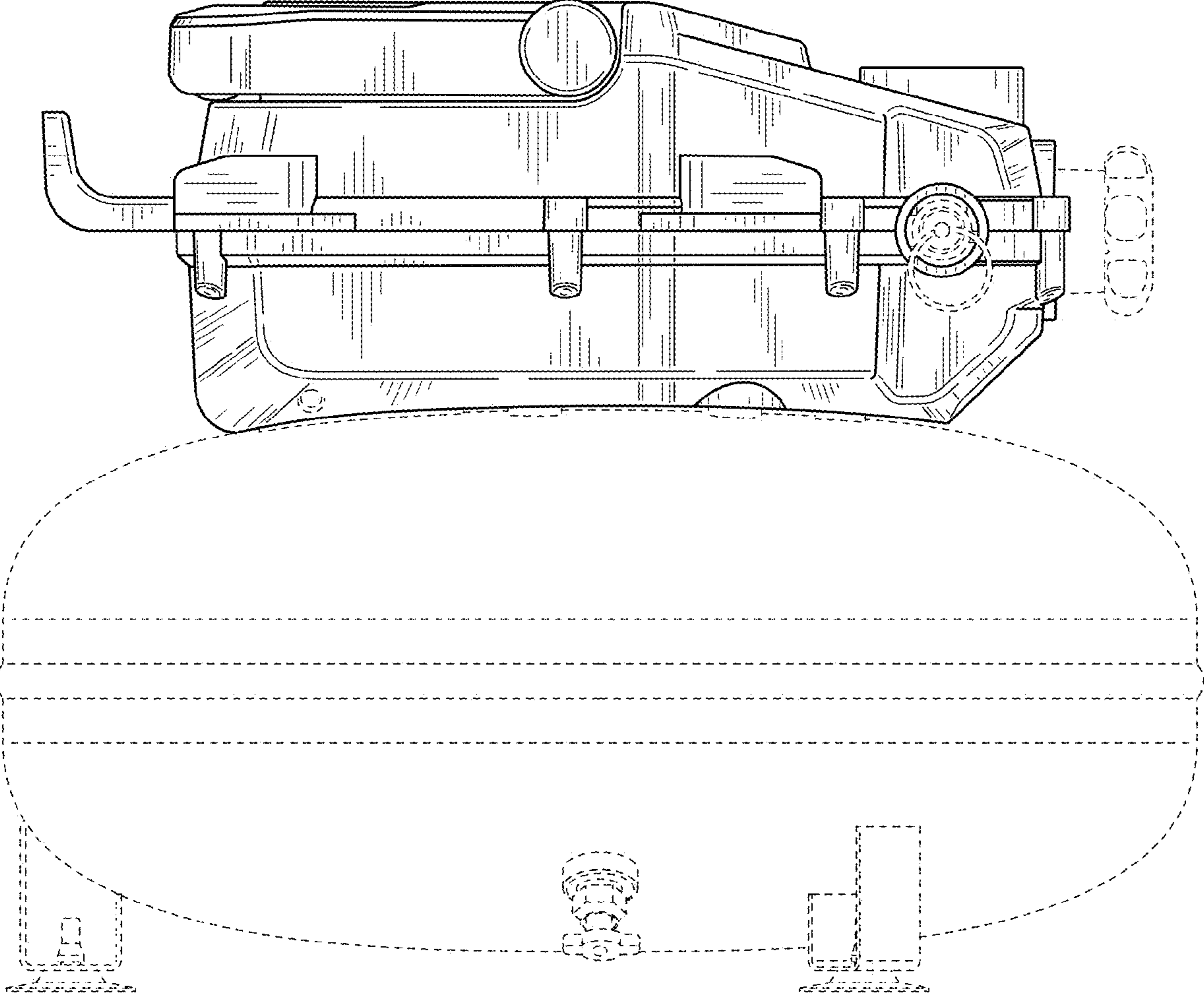


FIG. 15

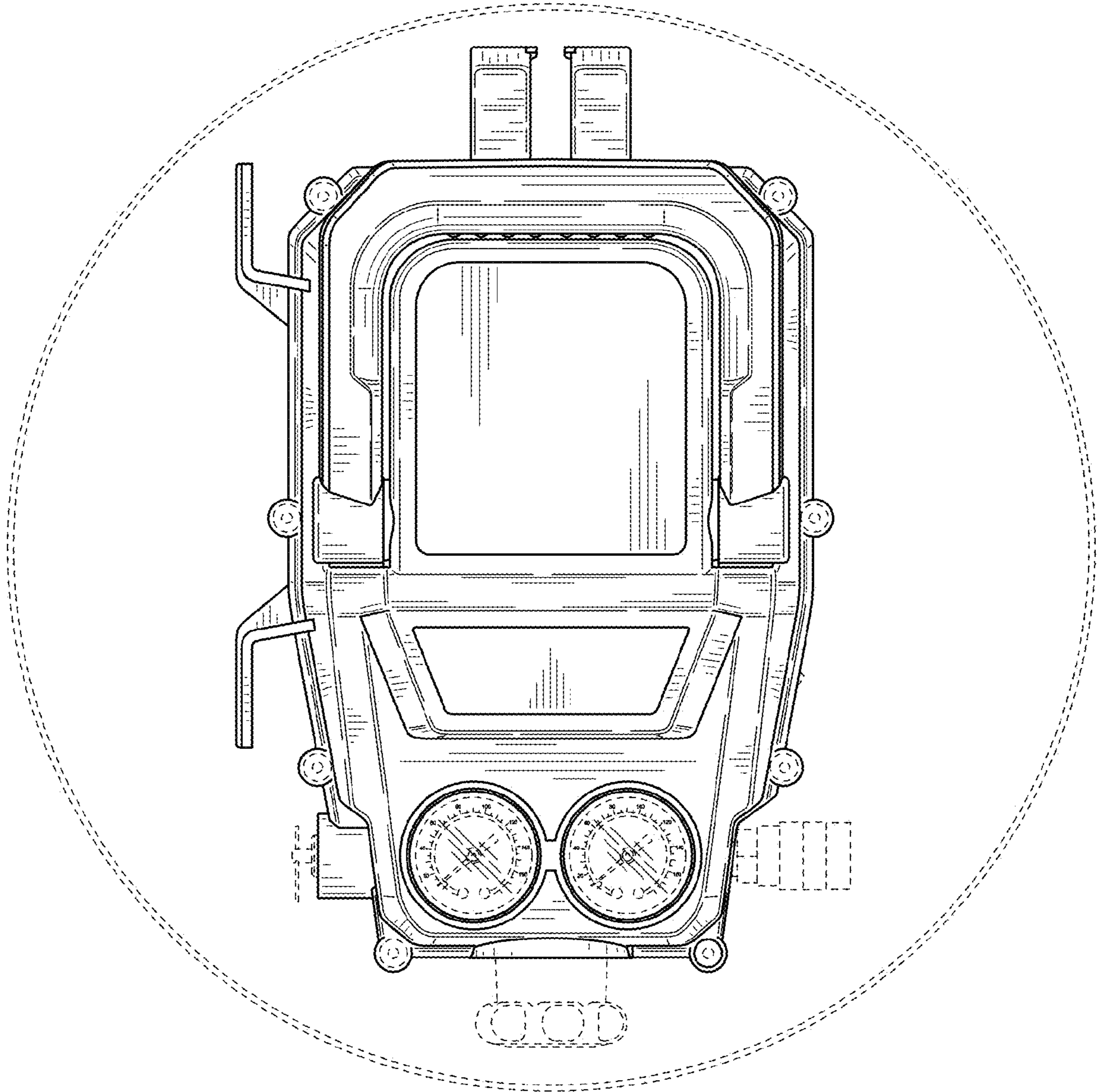


FIG. 16

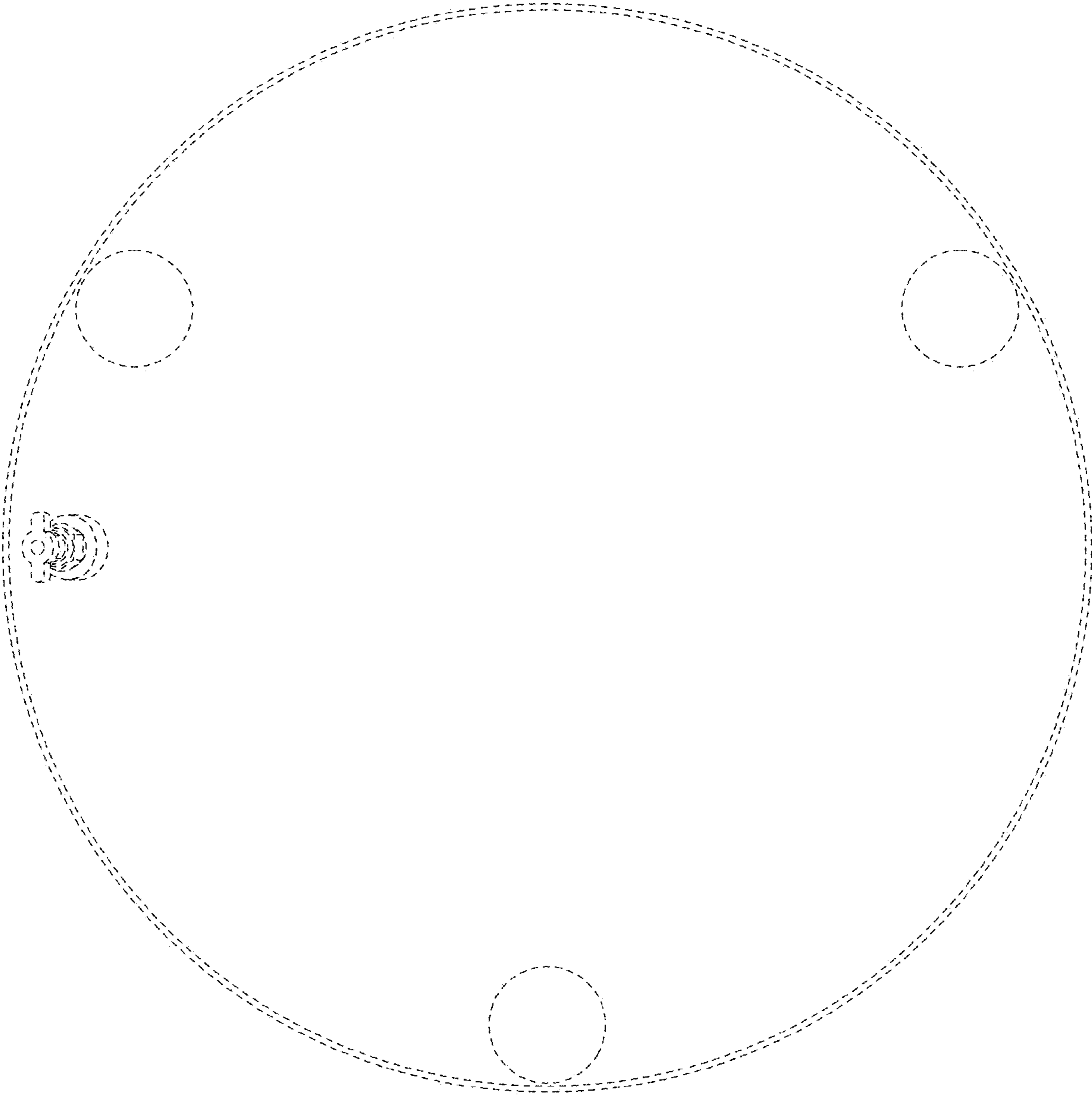


FIG. 17

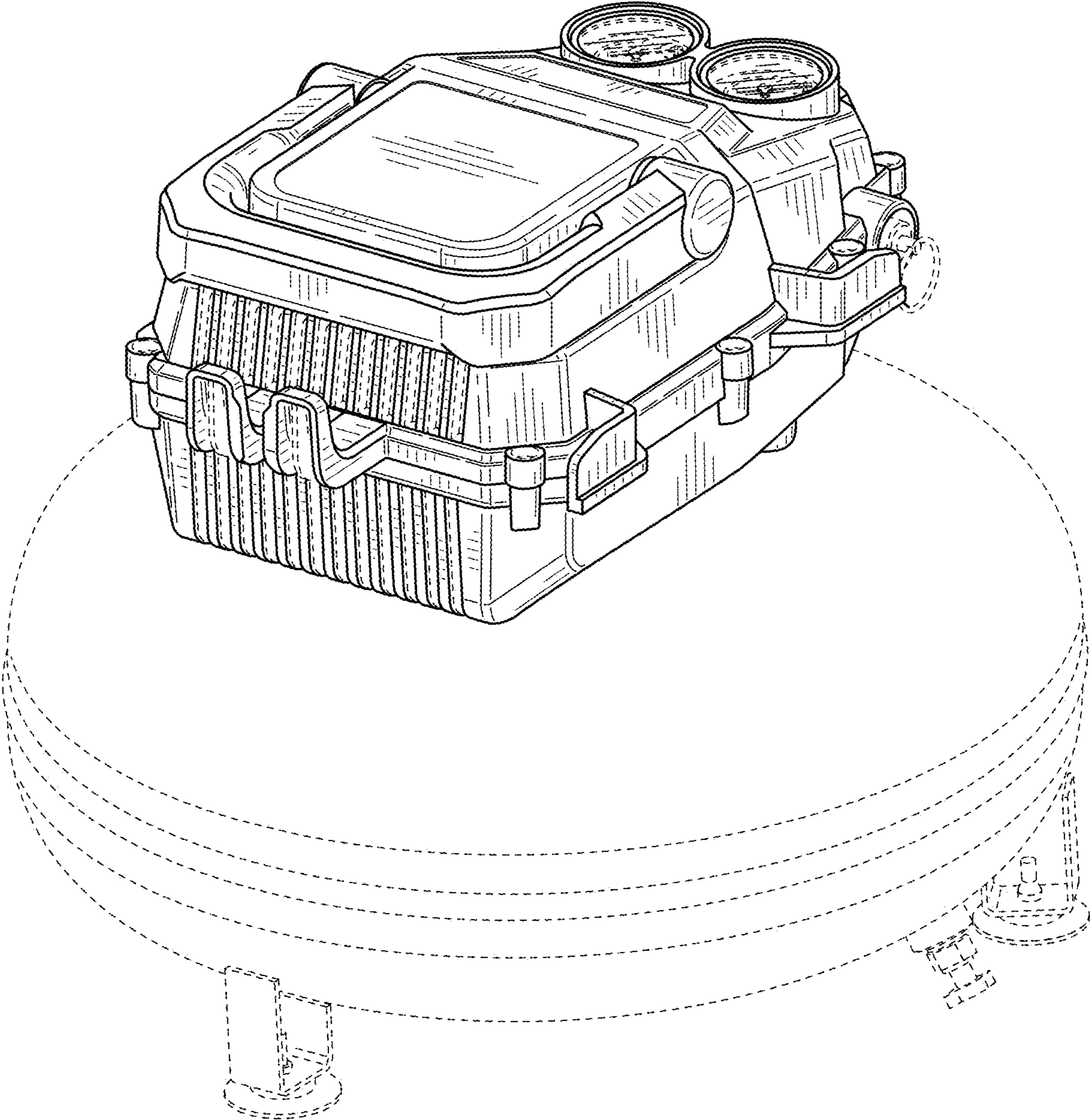


FIG. 18

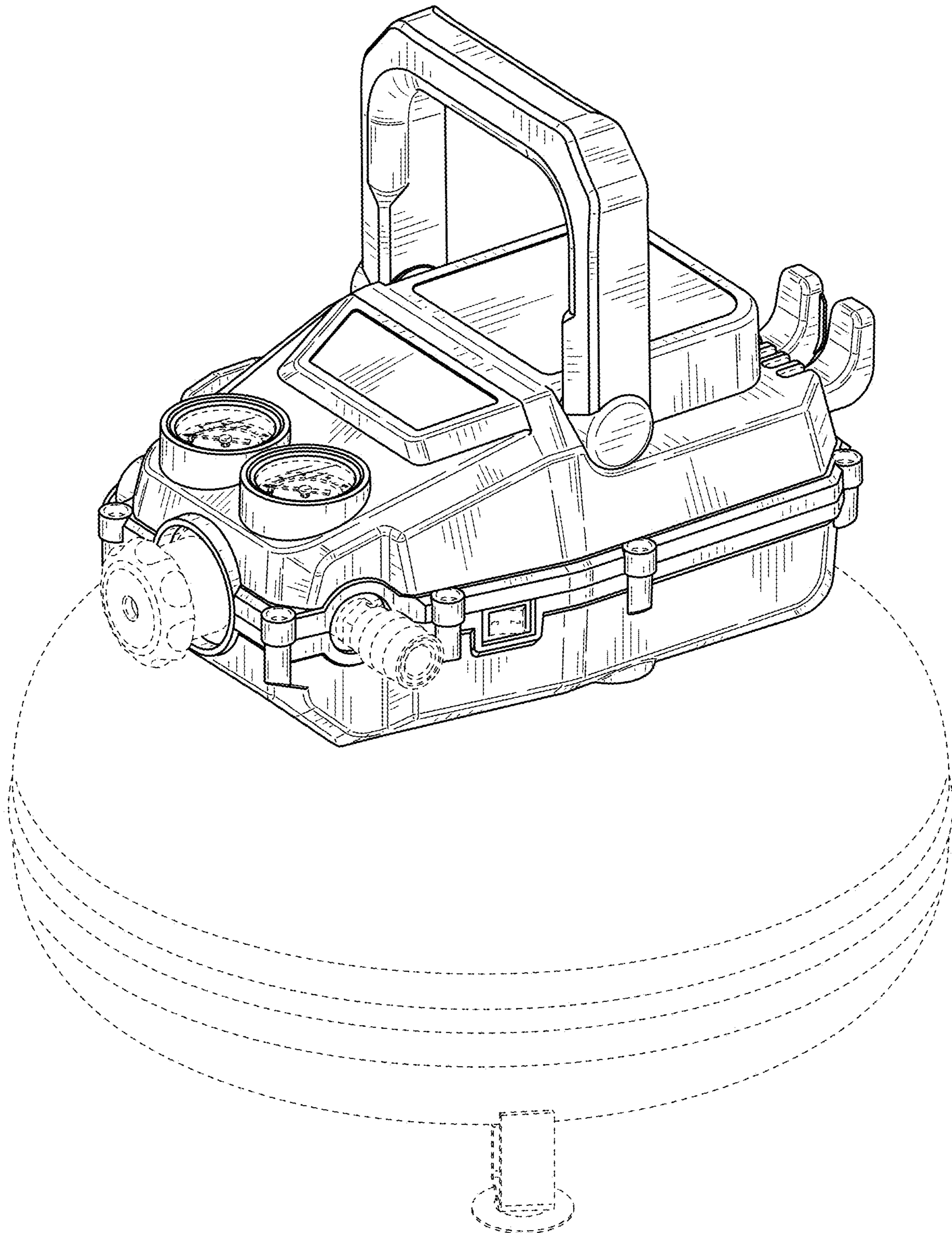


FIG. 19

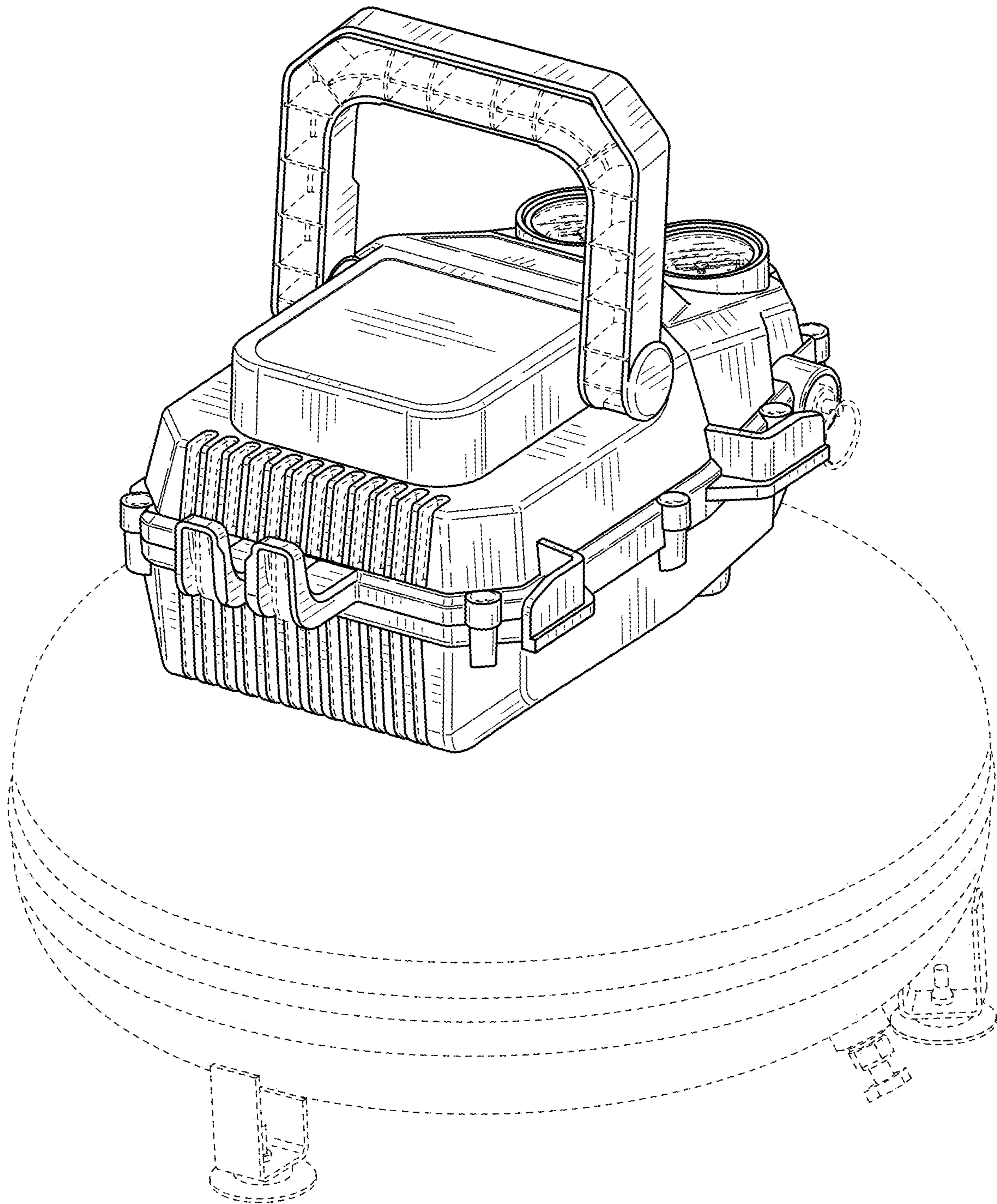


FIG. 20