



US00RE46047E

(19) **United States**  
(12) **Reissued Patent**  
**Higgins**

(10) **Patent Number:** **US RE46,047 E**  
(45) **Date of Reissued Patent:** **Jul. 5, 2016**

(54) **POLY BOTTLE**  
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(21) Appl. No.: **29/501,368**  
(22) Filed: **Sep. 3, 2014**

**Related U.S. Patent Documents**

Reissue of:

(64) Patent No.: **Des. 666,691**  
Issued: **Sep. 4, 2012**  
Appl. No.: **29/393,157**  
Filed: **May 31, 2011**

(51) **LOC (10) Cl.** ..... **23-01**  
(52) **U.S. Cl.**  
USPC ..... **D23/202**  
(58) **Field of Classification Search**  
USPC ..... D23/202; D25/121, 126  
CPC ..... B65D 7/00; B65D 77/0466; B65D 1/20;  
B65D 1/00; B65D 21/023; B65D 88/08;  
B65D 90/08; B65D 90/10; B65D 19/00;  
B65D 19/06; B67D 3/00

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

4,173,288 A 11/1979 Schutz ..... 220/1.5  
4,580,680 A \* 4/1986 Wind ..... 206/386  
D298,450 S \* 11/1988 Thomas et al. .... D23/202  
5,029,734 A \* 7/1991 Nichols ..... B65D 19/069  
108/55.3  
5,111,937 A 5/1992 Schutz ..... 206/386  
D332,130 S \* 12/1992 Przytulla ..... D23/202  
D336,327 S 6/1993 Zorb et al. .... D23/202  
D337,367 S \* 7/1993 McKenzie et al. .... D23/202  
5,253,777 A 10/1993 Schutz ..... 220/571  
5,259,509 A 11/1993 Boal, Jr. et al. .... 206/597  
5,316,174 A 5/1994 Schutz ..... 220/571

5,544,777 A \* 8/1996 Watson ..... B65D 1/16  
220/1.5  
5,704,477 A \* 1/1998 Hermann ..... B65D 77/0466  
206/386  
D394,302 S \* 5/1998 Harris et al. .... D23/200  
5,794,818 A 8/1998 Bromwell et al. .... 222/105  
D418,196 S \* 12/1999 Faltys et al. .... D23/202  
6,244,159 B1 \* 6/2001 Kimura et al. .... 92/12.2  
6,244,459 B1 6/2001 Bouc et al.  
6,318,598 B1 11/2001 Schmitt ..... 222/143  
6,484,899 B1 11/2002 Garton ..... 220/630  
6,719,162 B2 4/2004 Przytulla ..... 220/23.91  
6,772,912 B1 \* 8/2004 Schall ..... B65D 19/04  
222/143  
7,036,662 B2 \* 5/2006 Schutz ..... 206/386  
7,108,133 B2 9/2006 Przytulla ..... 206/386  
7,159,718 B2 \* 1/2007 Cassina ..... 206/524.3  
D550,325 S \* 9/2007 Claussen et al. .... D23/202  
7,575,118 B2 \* 8/2009 Richter et al. .... 206/386  
7,861,877 B2 1/2011 Higgins ..... 220/6  
7,874,443 B2 \* 1/2011 Schutz ..... B65D 1/46  
220/1.5  
7,878,327 B2 \* 2/2011 Cassina ..... 206/386  
D634,395 S \* 3/2011 Raz et al. .... D23/202  
7,978,067 B2 7/2011 Wagner et al. .... 340/539.26  
2006/0032854 A1 2/2006 Schutz ..... 220/562  
2007/0056975 A1 3/2007 Long et al. .... 220/565  
2009/0050631 A1 2/2009 Redmond et al. .... 220/565

\* cited by examiner

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(57) **CLAIM**

The ornamental design for a poly bottle, as shown and described.

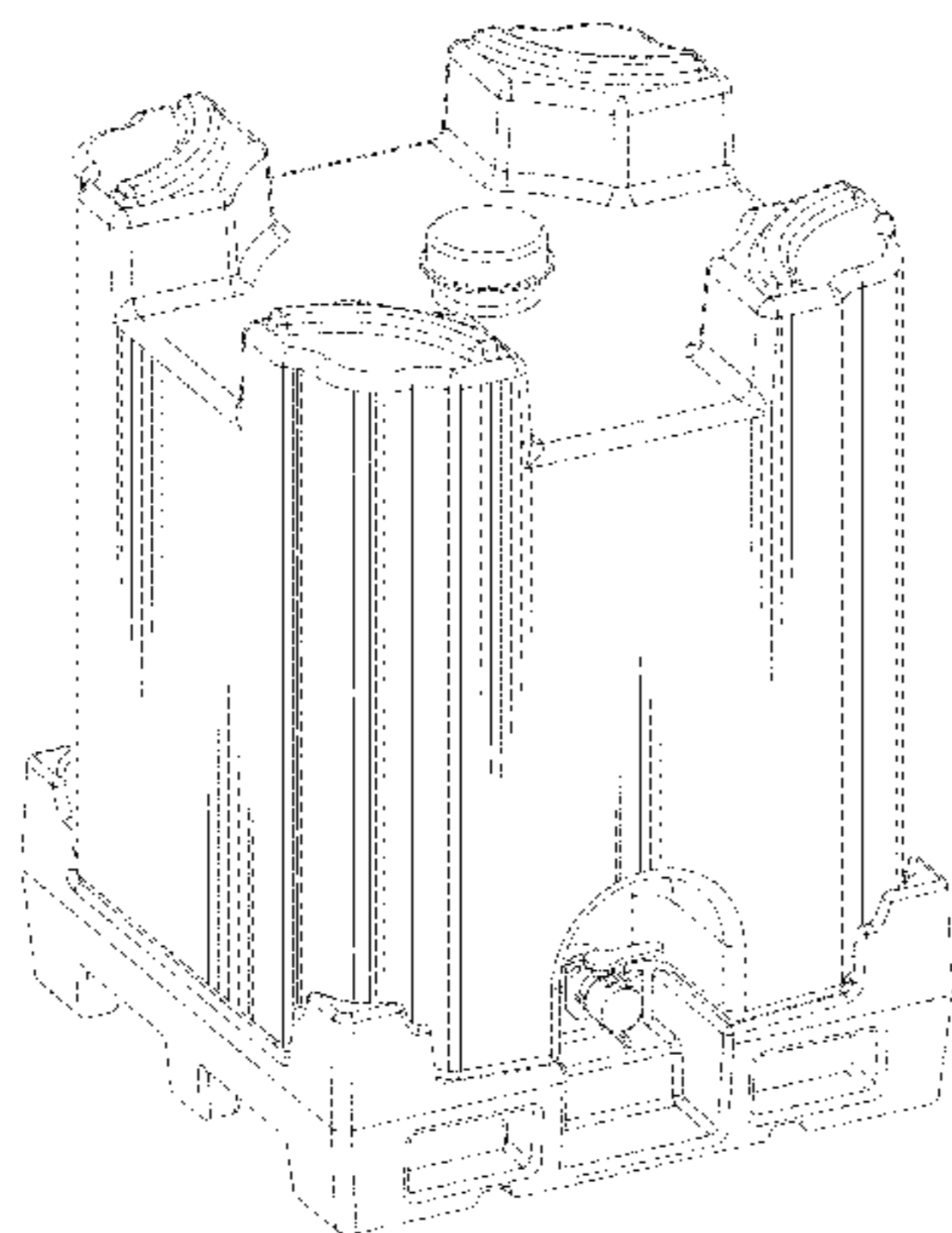
**DESCRIPTION**

[FIG. 1 is an upper front perspective of a poly bottle embodying my design;]

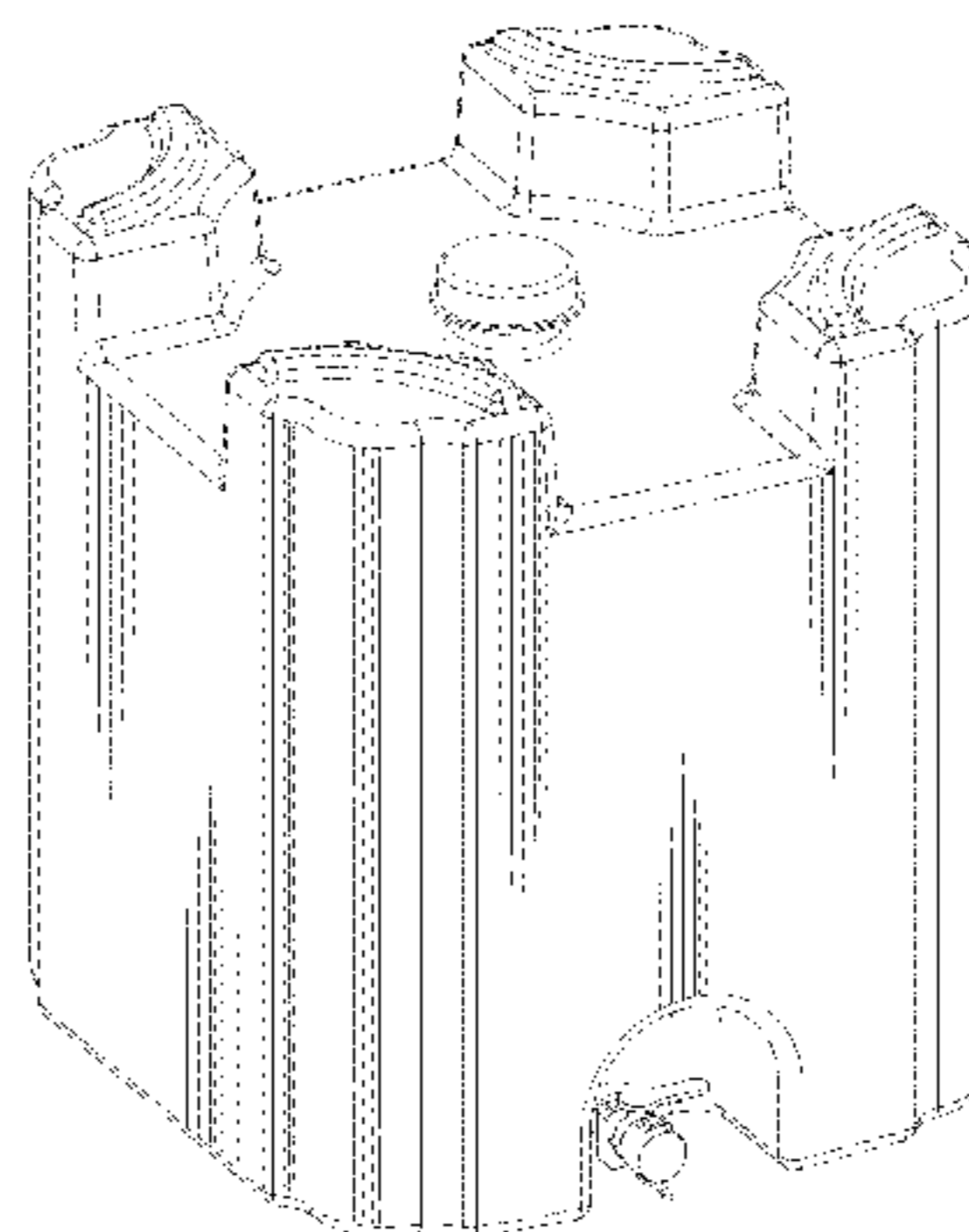
[FIG. 2 is a lower front perspective of the poly bottle shown in FIG. 1;]

[FIG. 3 is a front elevation of the poly bottle shown in FIGS. 1 and 2;]

[FIG. 4 is a right side elevation of the poly bottle shown in FIGS. 1-3, with the opposite side elevation being a mirror image thereof;]



(NEW)



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[FIG. 5 is a rear elevation of the poly bottle shown in FIGS. 1-4;]

[FIG. 6 is a top view of the poly bottle shown in FIGS. 1-5;]

[FIG. 7 is a bottom view of the poly bottle shown in FIGS. 1-6;]

[FIG. 8 is an upper front perspective of the poly bottle shown in FIGS. 1-7, but with the pallet removed;]

[FIG. 9 is a lower front perspective of the poly bottle shown in FIG. 8;]

[FIG. 10 is a front elevation of the bottle poly shown in FIGS. 8 and 9;]

[FIG. 11 is a right side elevation of the poly bottle shown in FIGS. 8-10, with the opposite side elevation being a mirror image thereof;]

[FIG. 12 is a rear elevation of the poly bottle shown in FIGS. 8-11;]

[FIG. 13 is a top view of the poly bottle shown in FIGS. 8-12;]

[FIG. 14 is a bottom view of the poly bottle shown in FIGS. 8-13;]

[FIG. 15 is an upper front perspective of the pallet of the poly bottle shown in FIGS. 1-7;]

[FIG. 16 is a lower front perspective of the pallet shown in FIG. 15;]

[FIG. 17 is a front elevation of the pallet shown in FIGS. 15 and 16;]

[FIG. 18 is a right side elevation of the pallet shown in FIGS. 15-17, with the opposite side elevation being a mirror image thereof;]

[FIG. 19 is a rear elevation of the pallet shown in FIGS. 15-18;]

[FIG. 20 is a top view of the pallet shown in FIGS. 15-19; and,]

[FIG. 21 is a bottom view of the pallet shown in FIGS. 15-20.]

*FIG. 22 is an upper front perspective of a poly bottle embodying my design;*

*FIG. 23 is another front perspective of the poly bottle shown in FIG. 22;*

*FIG. 24 is a front elevation of the poly bottle shown in FIGS. 22 and 23;*

*FIG. 25 is a right side elevation of the poly bottle shown in FIGS. 22-24, with the opposite side elevation being a mirror image thereof;*

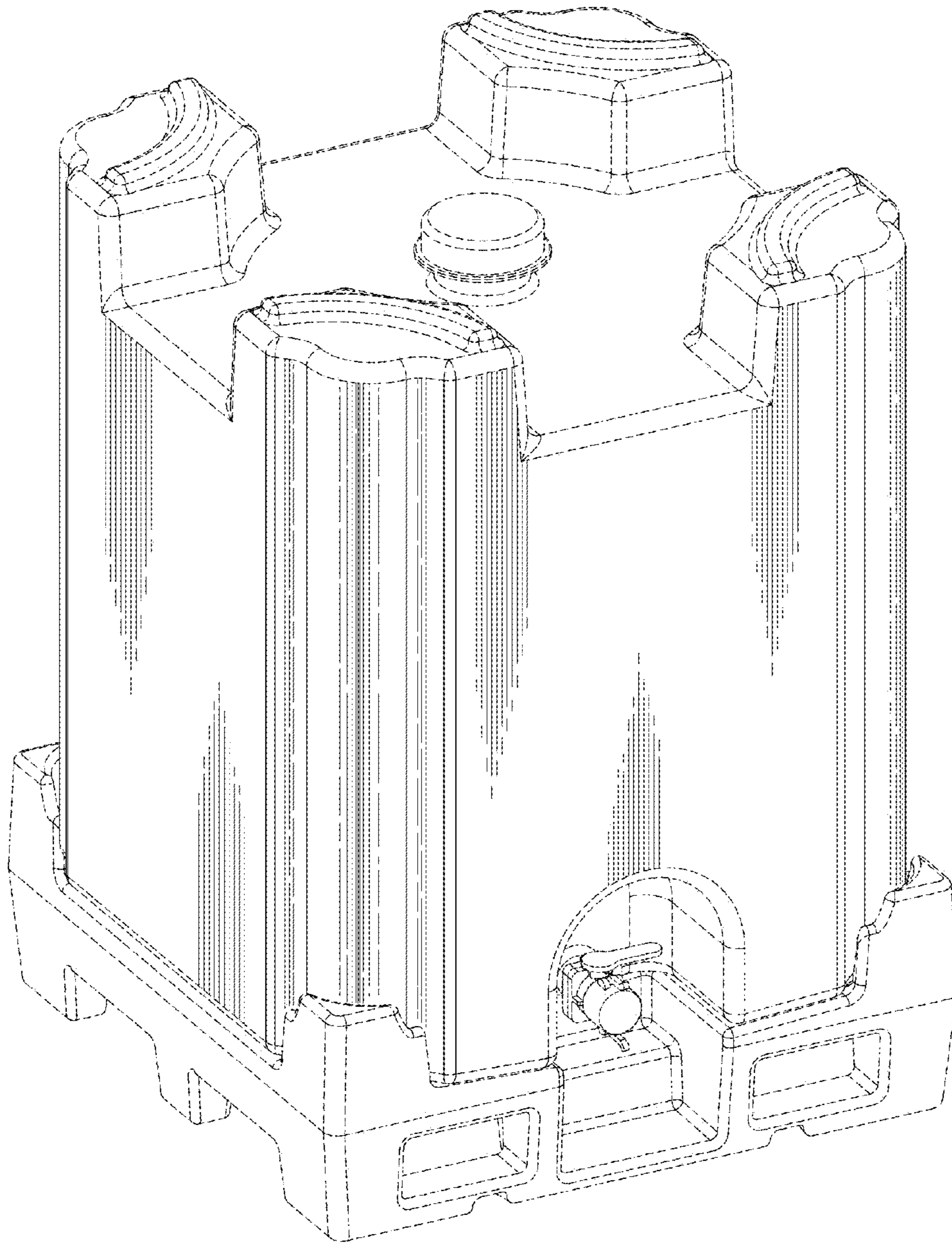
*FIG. 26 is a rear elevation of the poly bottle shown in FIGS. 22-25; and,*

*FIG. 27 is a top view of the poly bottle shown in FIGS. 22-26.*

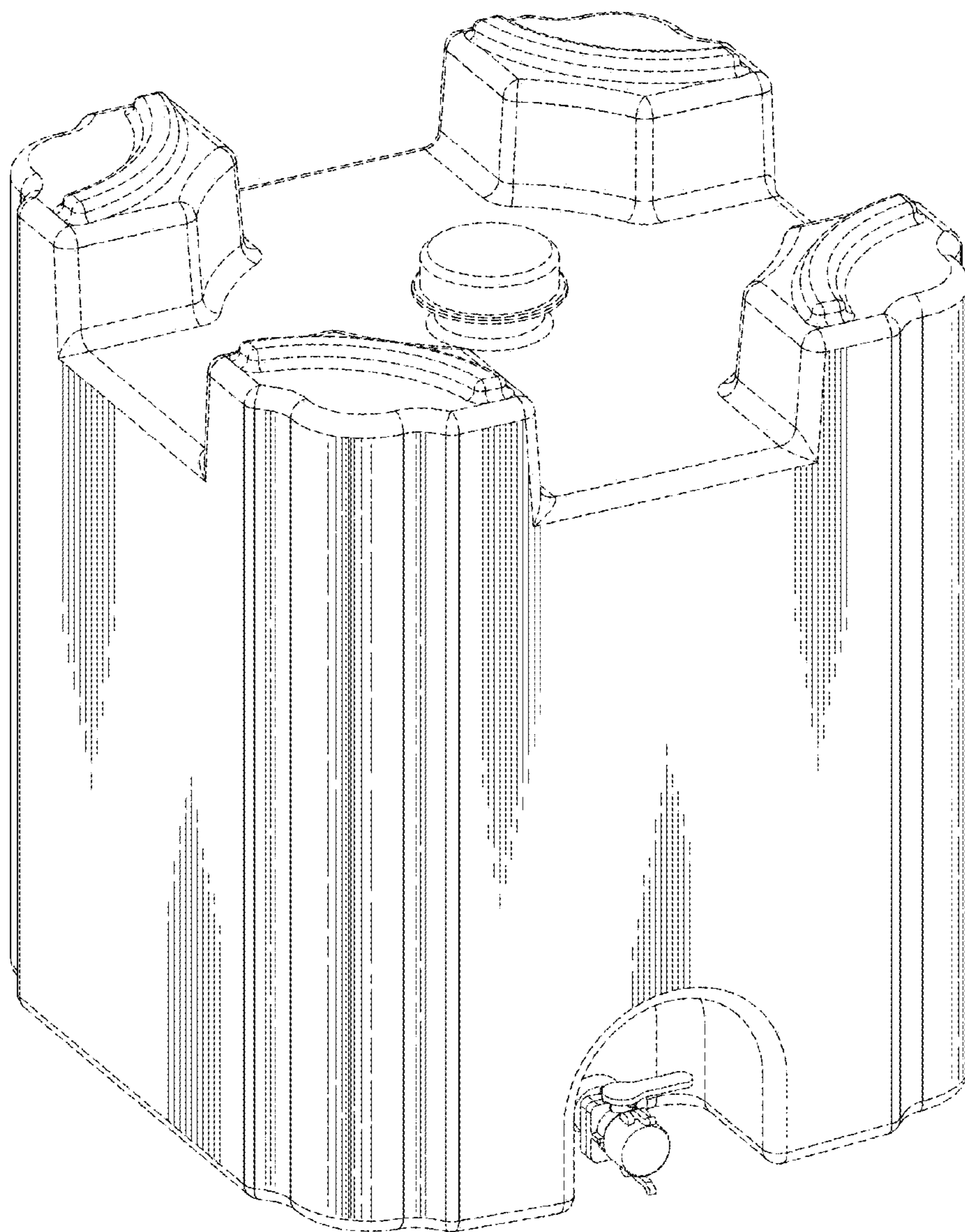
*In the drawings, the broken lines directed adjacent to the upper and lower perimeter of the side surfaces represent boundaries, all other broken lines depicted portions of the poly bottle in which the design is embodied that form no part of the claimed design.*

#### 1 Claim, 6 Drawing Sheets

**Matter enclosed in heavy brackets [ ] appears in the original patent but forms no part of this reissue; matter printed in italics indicates the additions made by reissue.**

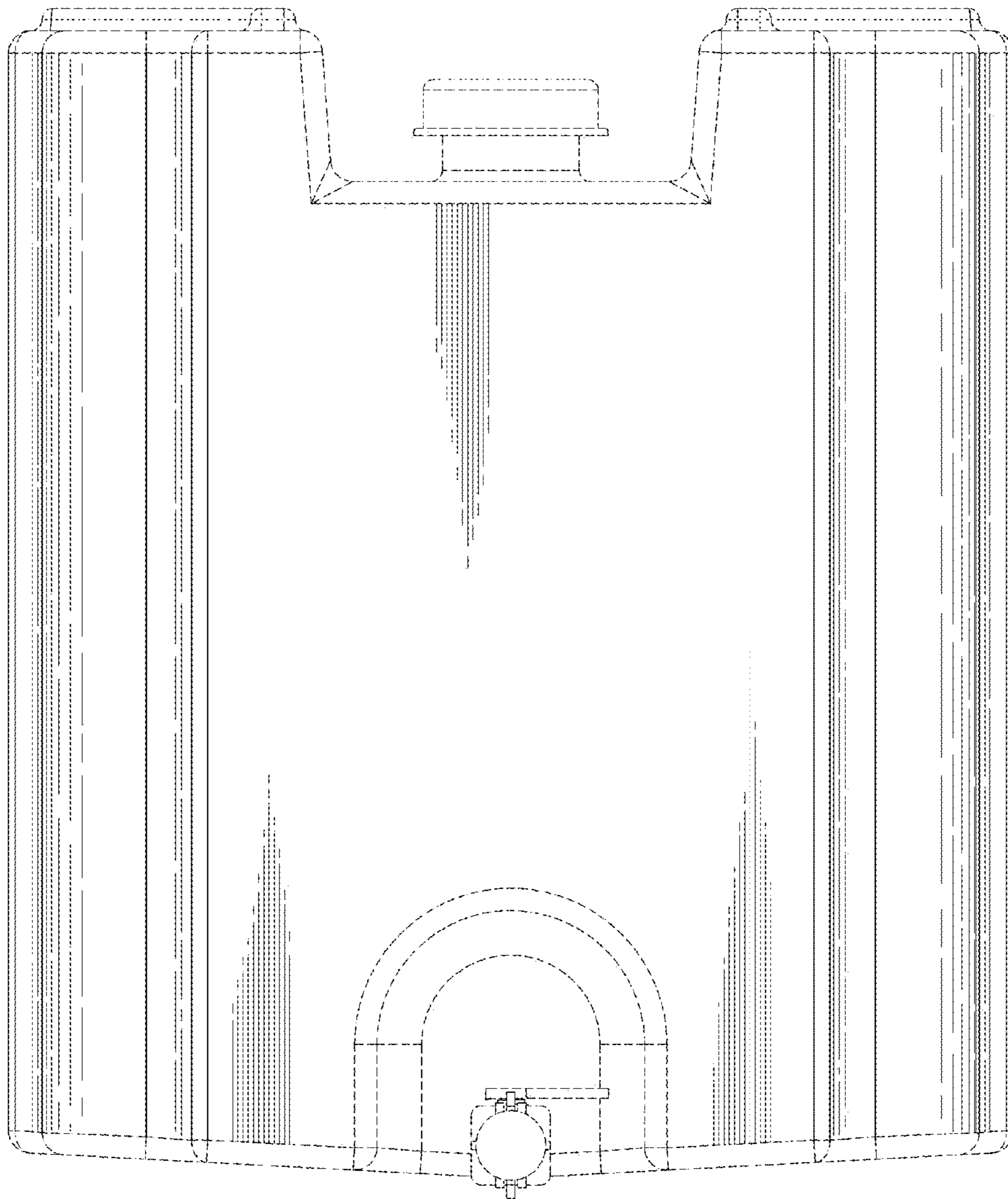


*Fig. 22.*  
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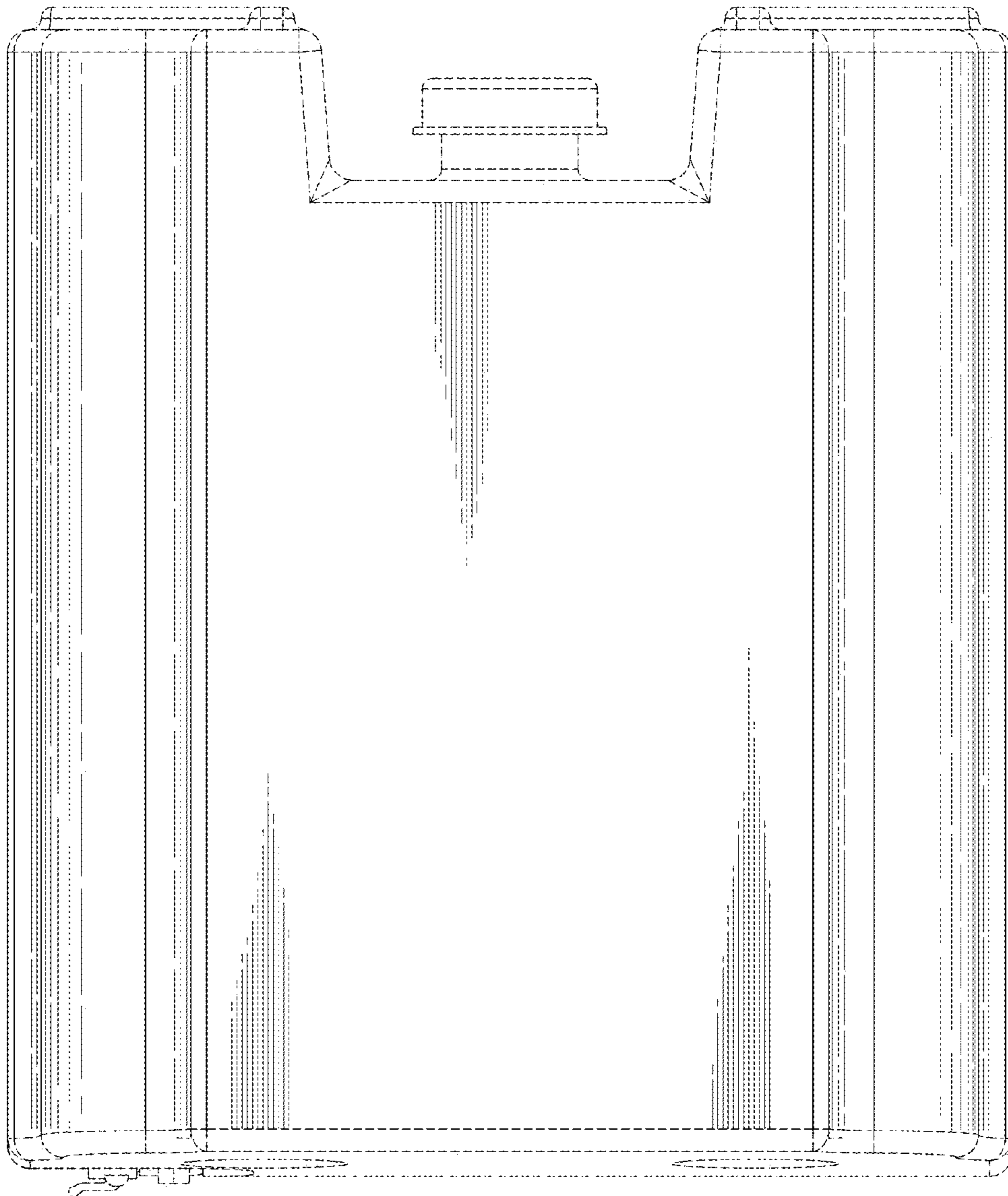
*Fig. 23.*

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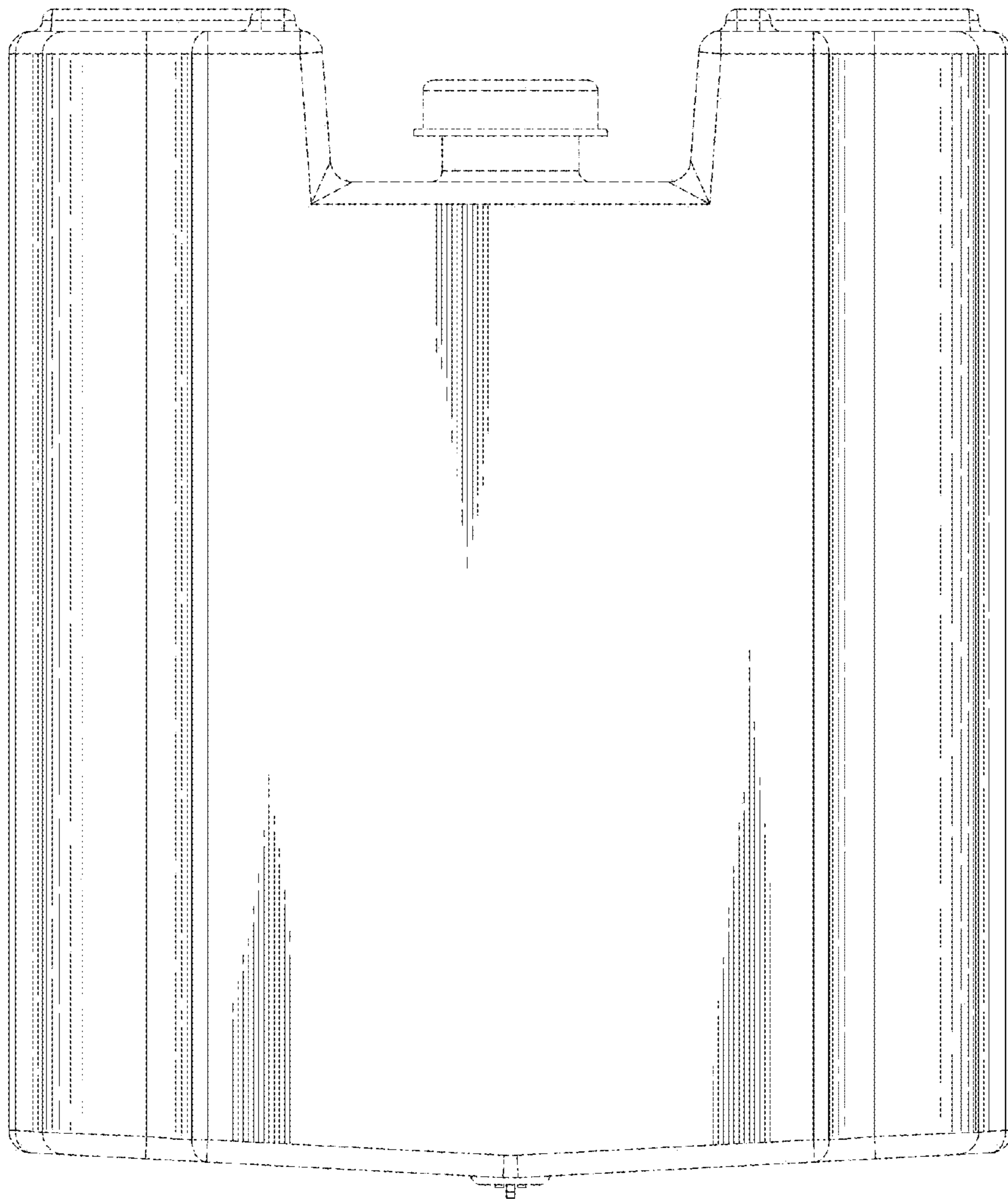


*Fig. 24.*

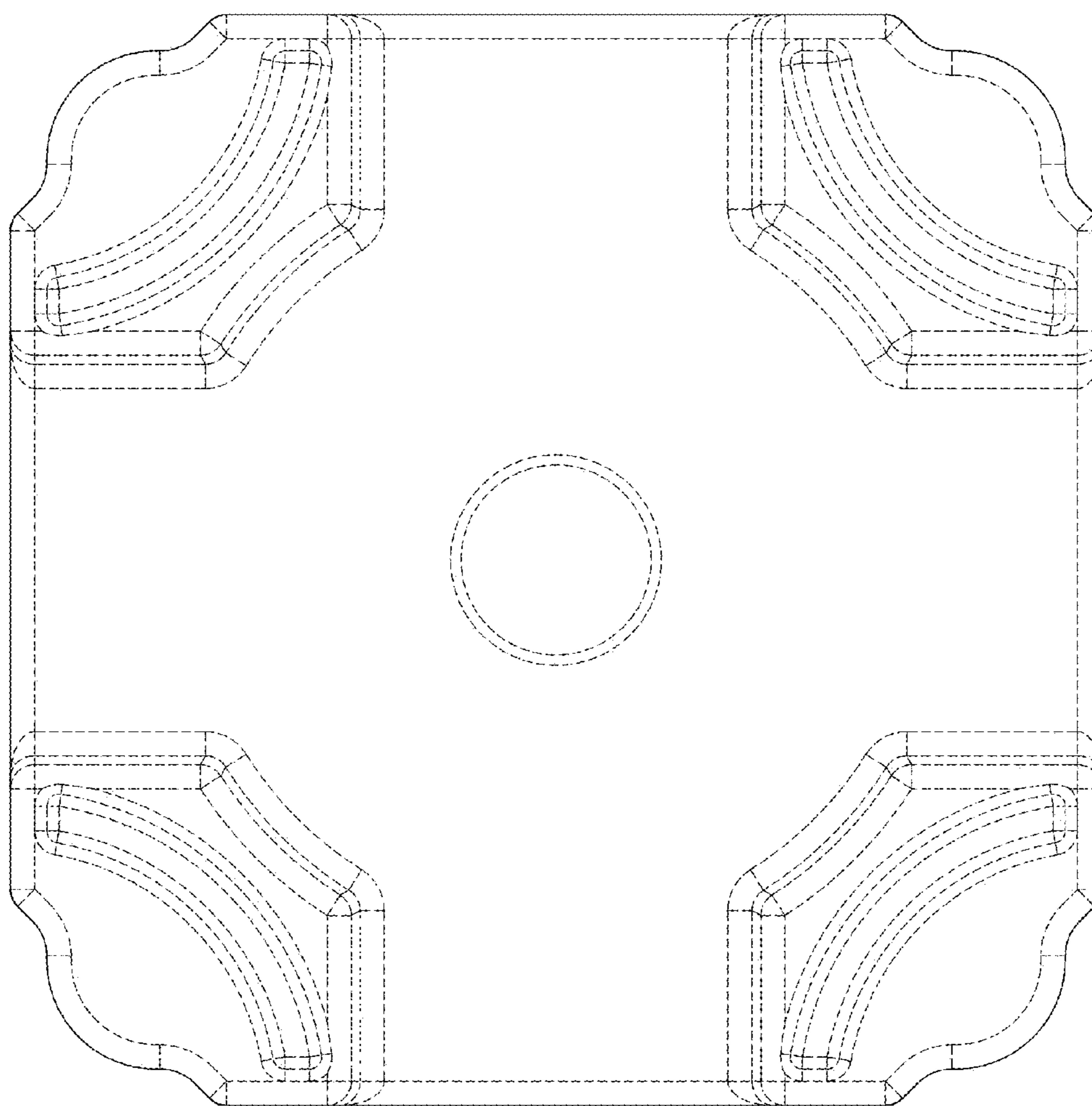
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*Fig. 25.*  
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*Fig. 26.*  
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*Fig. 27.*  
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