



US00D973834S

(12) **United States Design Patent**  
**Van Den Heijkant**(10) **Patent No.:** US D973,834 S  
(45) **Date of Patent:** \*\* Dec. 27, 2022(54) **DOSING SYSTEM FOR A WASTEWATER MANAGEMENT SYSTEM OF A RECREATIONAL VEHICLE**

D379,045 S \* 5/1997 Andrus ..... D6/544  
D412,550 S \* 8/1999 Bell ..... D23/207  
D482,100 S \* 11/2003 Foy ..... D23/207  
D545,394 S \* 6/2007 Duplessis ..... C02F 9/005  
D23/207  
D742,137 S \* 11/2015 Criswell ..... D6/544  
D784,726 S \* 4/2017 Boyd ..... D6/544  
D789,113 S \* 6/2017 Levy ..... D6/544  
D880,654 S \* 4/2020 Sheng ..... D23/209  
2009/0236276 A1 \* 9/2009 Kurth ..... C02F 9/005  
210/232

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\* cited by examiner

(73) Assignee: **Thetford BV**, Etten-Leur (NL)*Primary Examiner* — Calvin E Vansant(\*\*) Term: **15 Years**(74) *Attorney, Agent, or Firm* — Harness, Dickey & Pierce, P.L.C.; Stephen T. Olson(21) Appl. No.: **29/684,583**(57) **CLAIM**(22) Filed: **Mar. 22, 2019**

The ornamental design for a dosing system for a wastewater management system of a recreational vehicle, as shown and described.

(51) **LOC (13) Cl.** ..... 23-01**DESCRIPTION**(52) **U.S. Cl.**USPC ..... **D23/207**

FIG. 1 is a perspective view of a dosing system for a wastewater management system of a recreational vehicle in accordance with my design.

(58) **Field of Classification Search**

FIG. 2 is a front view thereof.

USPC ..... D23/200, 202, 207–210; D6/512, 542,  
D6/544; D7/306–308, 592, 601.1; D8/1,  
D8/391, 448  
CPC ..... B01D 5/006; B01D 35/30; C02F 1/002;  
C02F 1/003; B09C 2101/00; G08B 21/20;  
B23H 3/04

FIG. 3 is a rear view thereof.

See application file for complete search history.

FIG. 4 is a right side view thereof.

(56) **References Cited**

FIG. 5 is a left side view thereof.

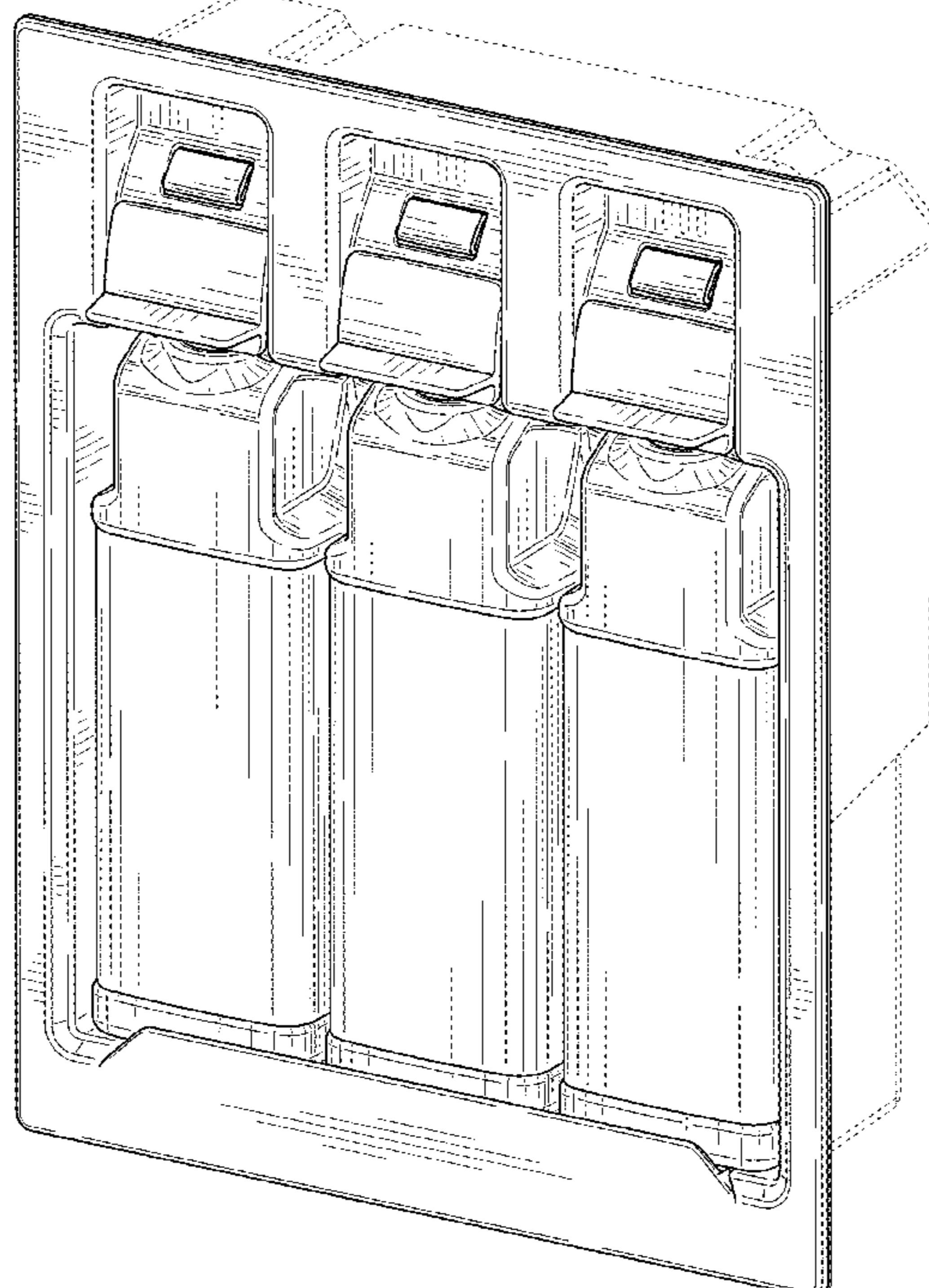
**U.S. PATENT DOCUMENTS**

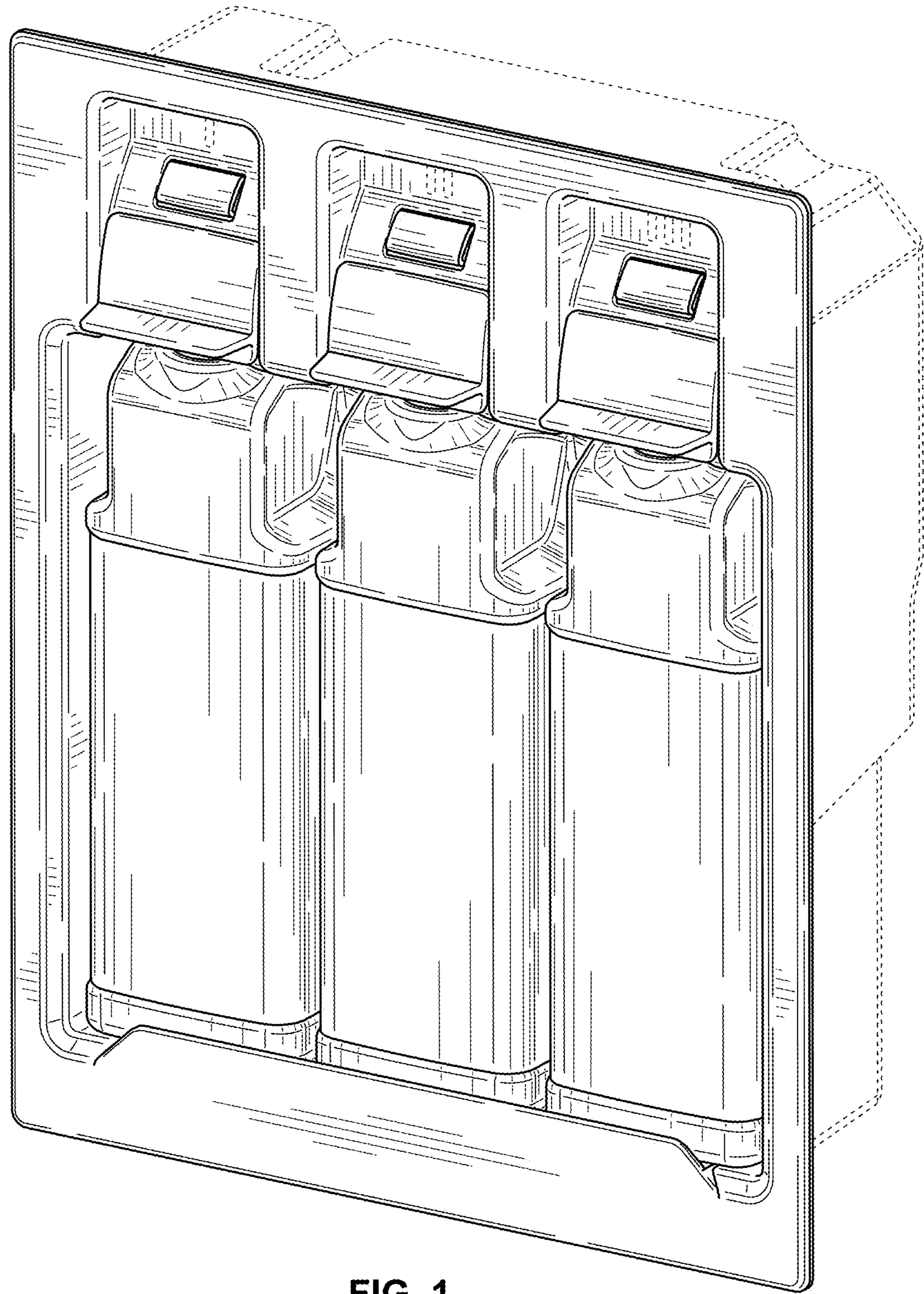
FIG. 6 is a top view thereof; and,

D258,329 S \* 2/1981 Chase ..... D6/544  
D298,292 S \* 11/1988 Townes ..... D23/239  
D339,404 S \* 9/1993 Dir ..... D23/208  
D342,776 S \* 12/1993 Bally ..... D23/207  
D366,093 S \* 1/1996 Baker ..... D23/208

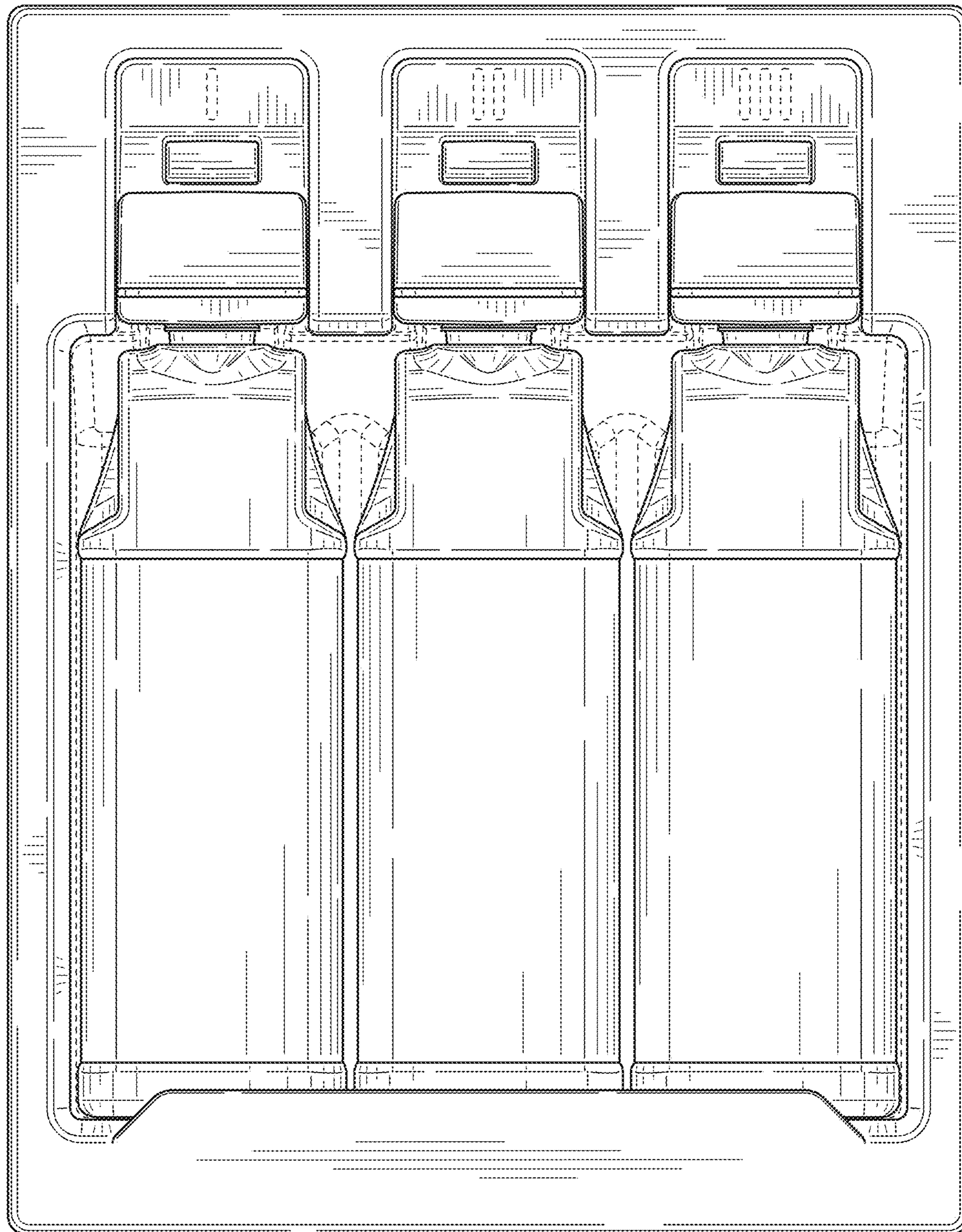
FIG. 7 is a bottom view thereof.

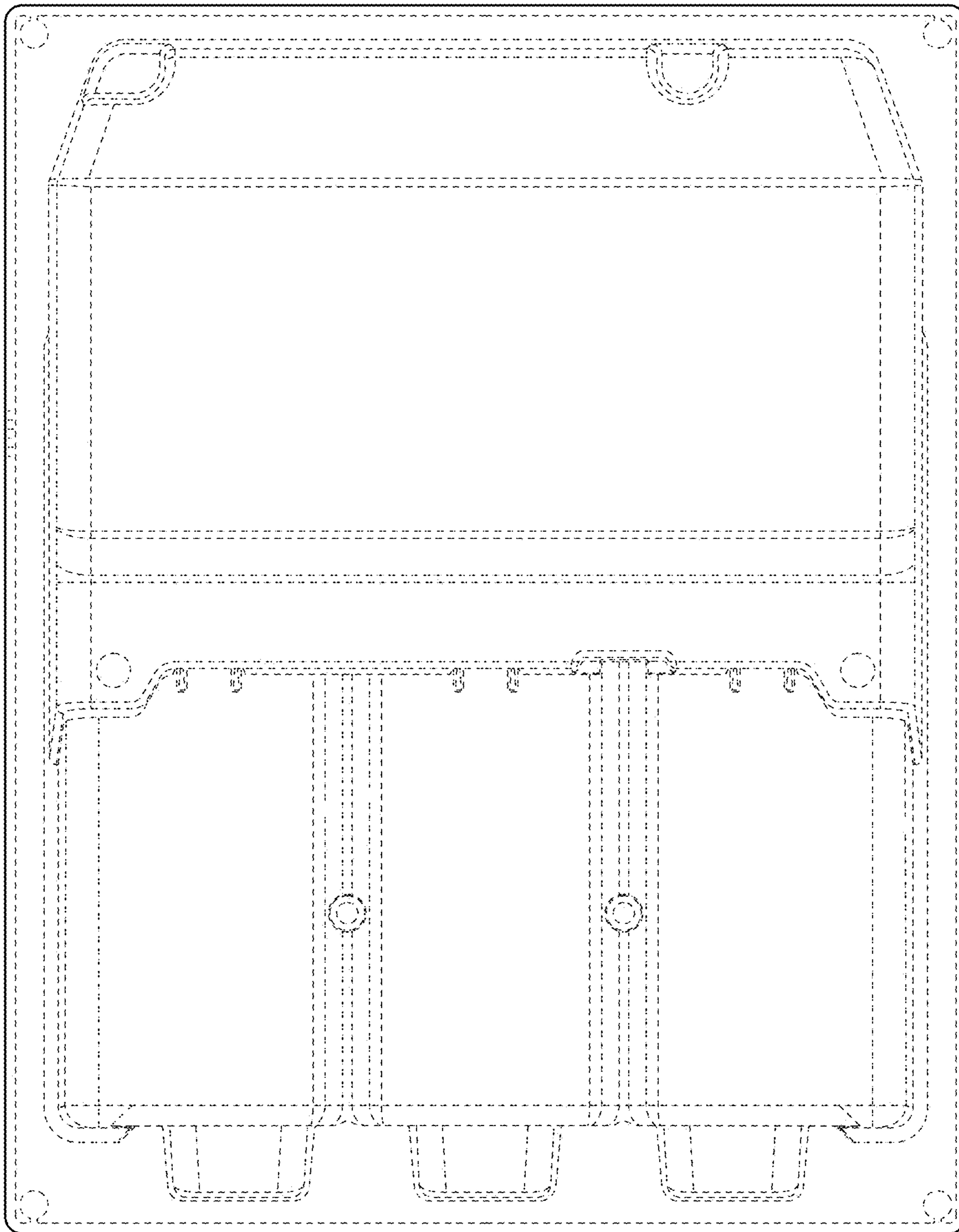
The broken lines throughout the drawings depict portions of the dosing system for wastewater management system of a recreational vehicle that form no part of the claimed design.

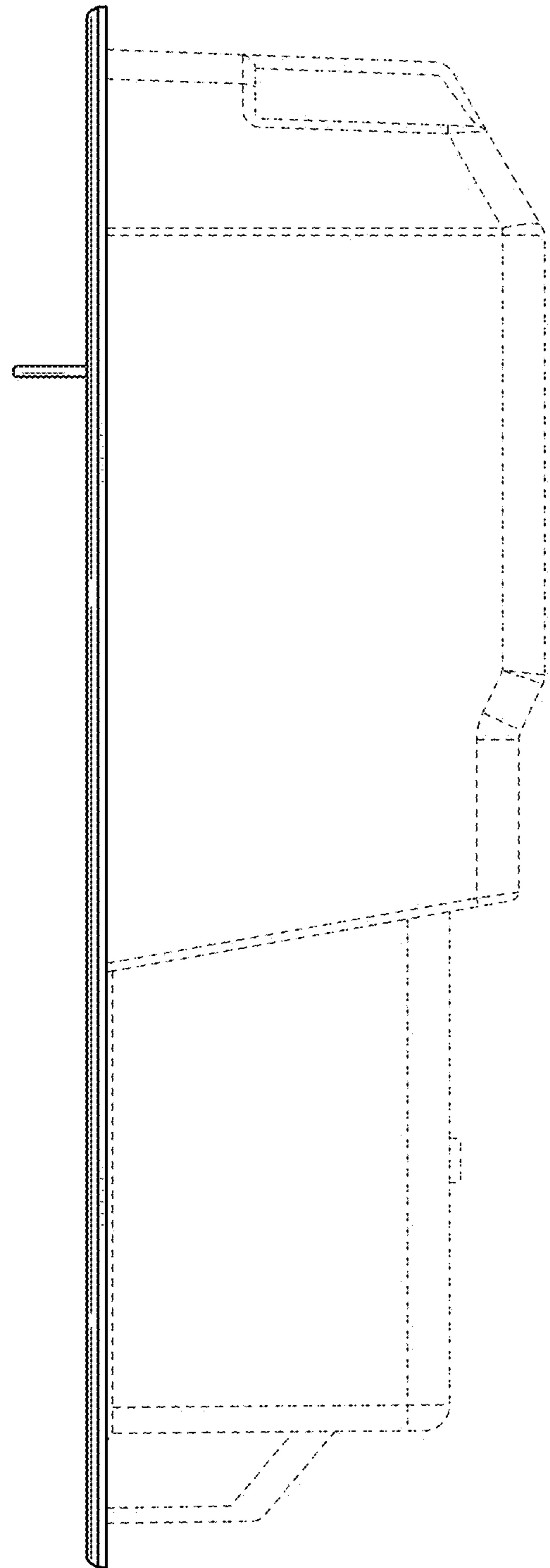
**1 Claim, 5 Drawing Sheets**



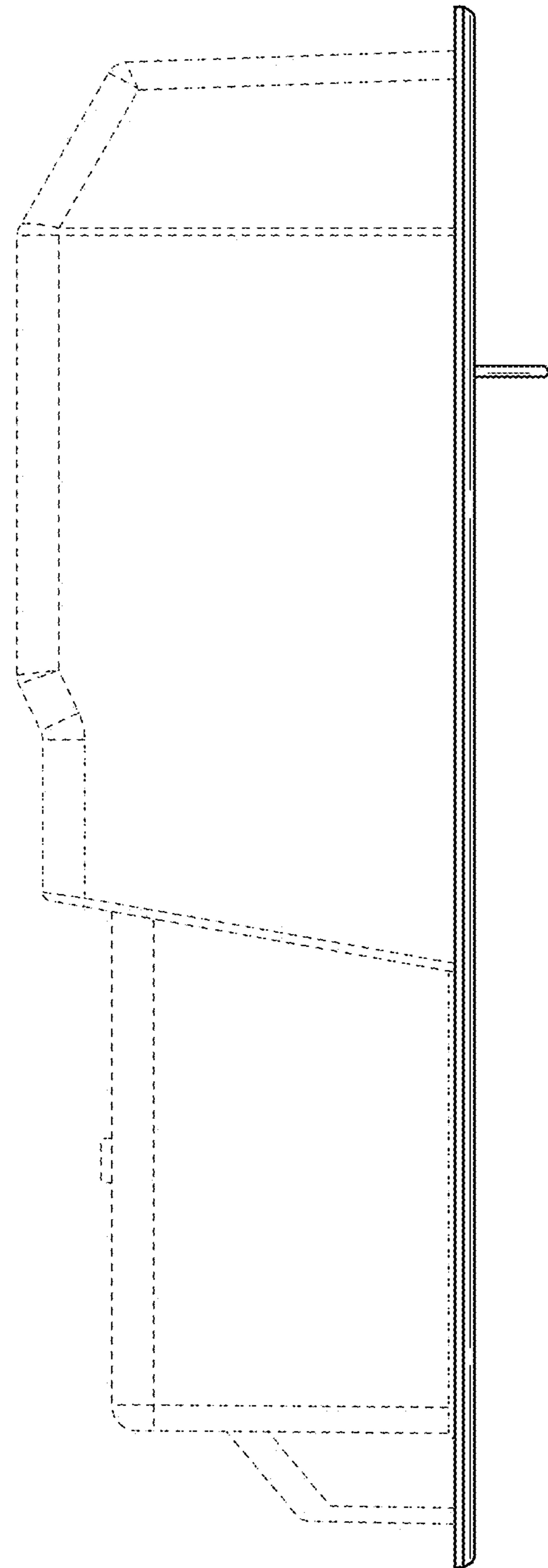
**FIG. 1**

**FIG. 2**

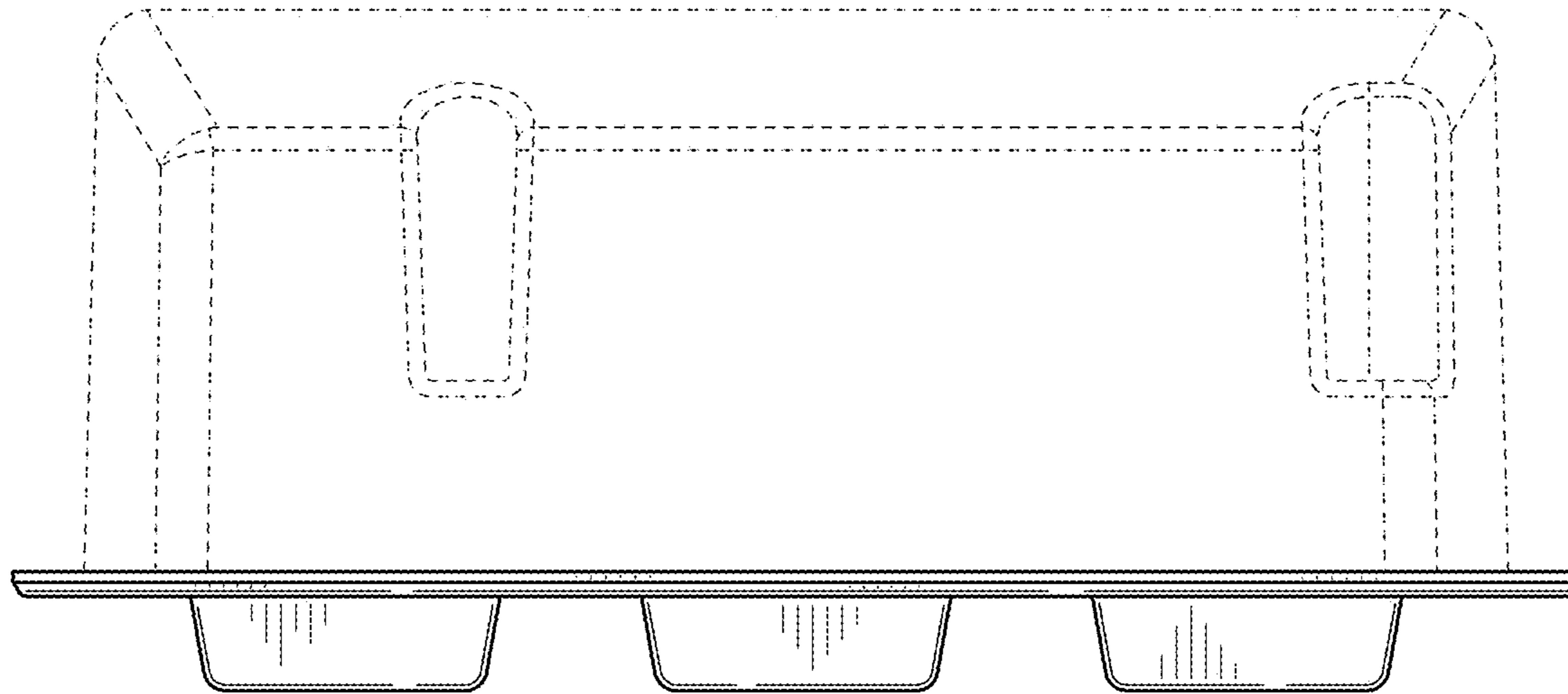
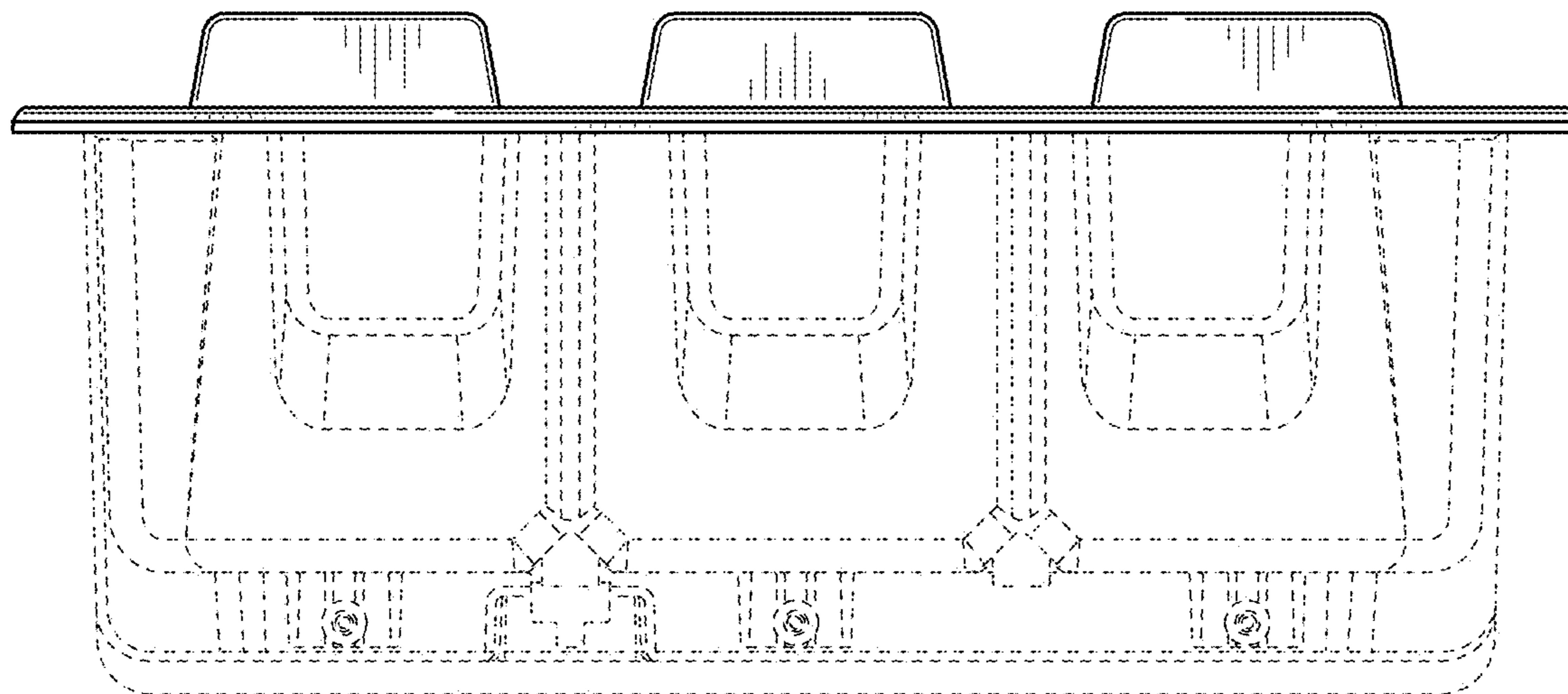
**FIG. 3**



**FIG. 4**



**FIG. 5**

**FIG. 6****FIG. 7**