



US00D488586S

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

(10) **Patent No.:** **US D488,586 S**

(45) **Date of Patent:** **\*\* Apr. 13, 2004**

(54) **AUTOMATIC HAIR WASHER**

(75) Inventor: **Nobuyuki Minami**, Osaka (JP)

(73) Assignee: **Oohiro Works, Ltd.**, Osaka (JP)

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

(21) Appl. No.: **29/124,731**

(22) Filed: **Jun. 9, 2000**

(30) **Foreign Application Priority Data**

Dec. 17, 1999 (JP) ..... 11-34788

(51) **LOC (7) Cl.** ..... **28-03**

(52) **U.S. Cl.** ..... **D28/20**

(58) **Field of Search** ..... D28/9, 10, 20,  
D28/99, 19; D32/1; 132/212, 272, 333;  
4/515, 523

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

3,521,647 A \* 7/1970 Mercer ..... 132/272  
5,025,514 A \* 6/1991 Miller ..... 4/518  
5,906,012 A \* 5/1999 Sakane et al. .... 4/519

**FOREIGN PATENT DOCUMENTS**

JP 406078821 A \* 3/1994 ..... 4/519  
JP 406078824 A \* 3/1994 ..... 4/519  
JP 916105 1/1995  
JP 916105-1 8/1999  
KR 0264494 8/2000

**OTHER PUBLICATIONS**

A color copy of a brochure of "Auto Shampoo Shamplize" issued by Oohiro Works, Ltd., in which "Shamplize" developed by Oohiro Works, Ltd. and Toto Ltd., is shown.—undated.

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\* cited by examiner

*Primary Examiner*—Ted Shooman

*Assistant Examiner*—C Tuttle

(74) *Attorney, Agent, or Firm*—Burr & Brown

(57) **CLAIM**

The ornamental design for an automatic hair washer, as shown and described.

**DESCRIPTION**

FIG. 1 is a front view of the automatic hair washer in accordance with my new design;

FIG. 2 is a back view thereof;

FIG. 3 is a right side view thereof;

FIG. 4 is a left side view thereof;

FIG. 5 is a top view thereof;

FIG. 6 is a bottom view thereof; and,

FIG. 7 is a perspective view thereof.

The broken lines in FIGS. 1, 2, 3, 4, 5 and 7 immediately adjacent to solid lines define the bounds of the claimed design; all other broken lines are for illustrative purposes only. None of the broken lines form a part of the present claim.

**1 Claim, 6 Drawing Sheets**

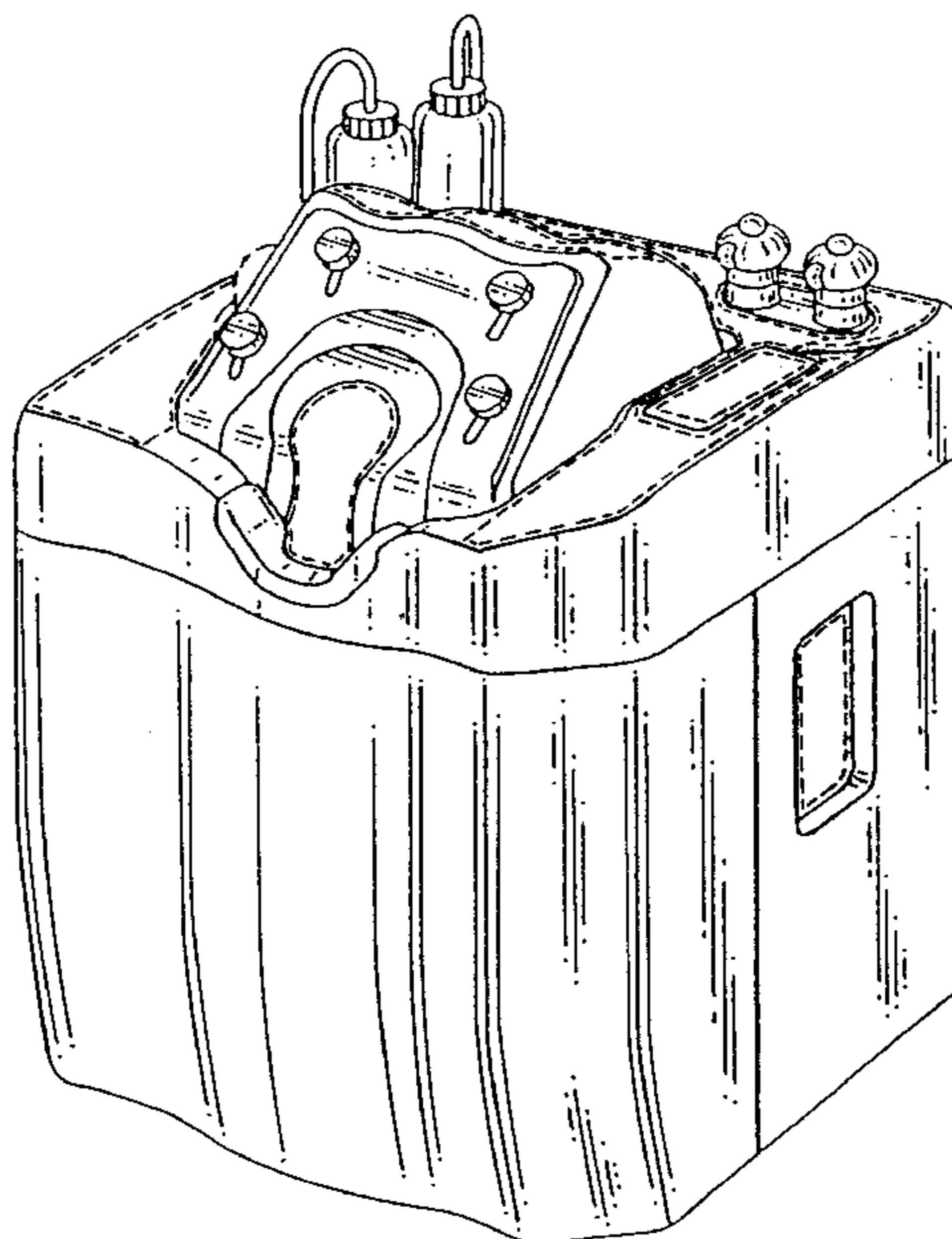


Fig.1

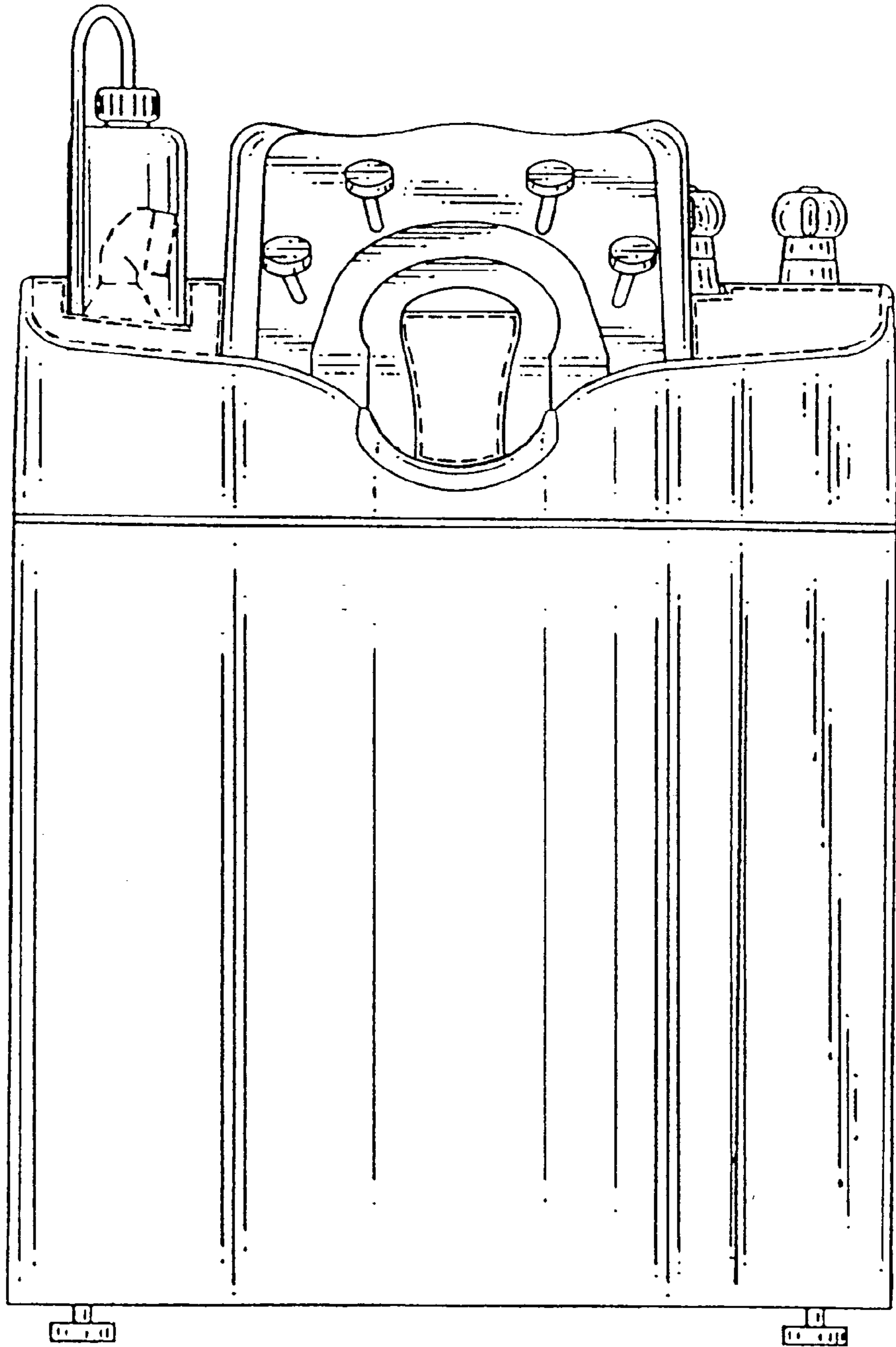


Fig.2

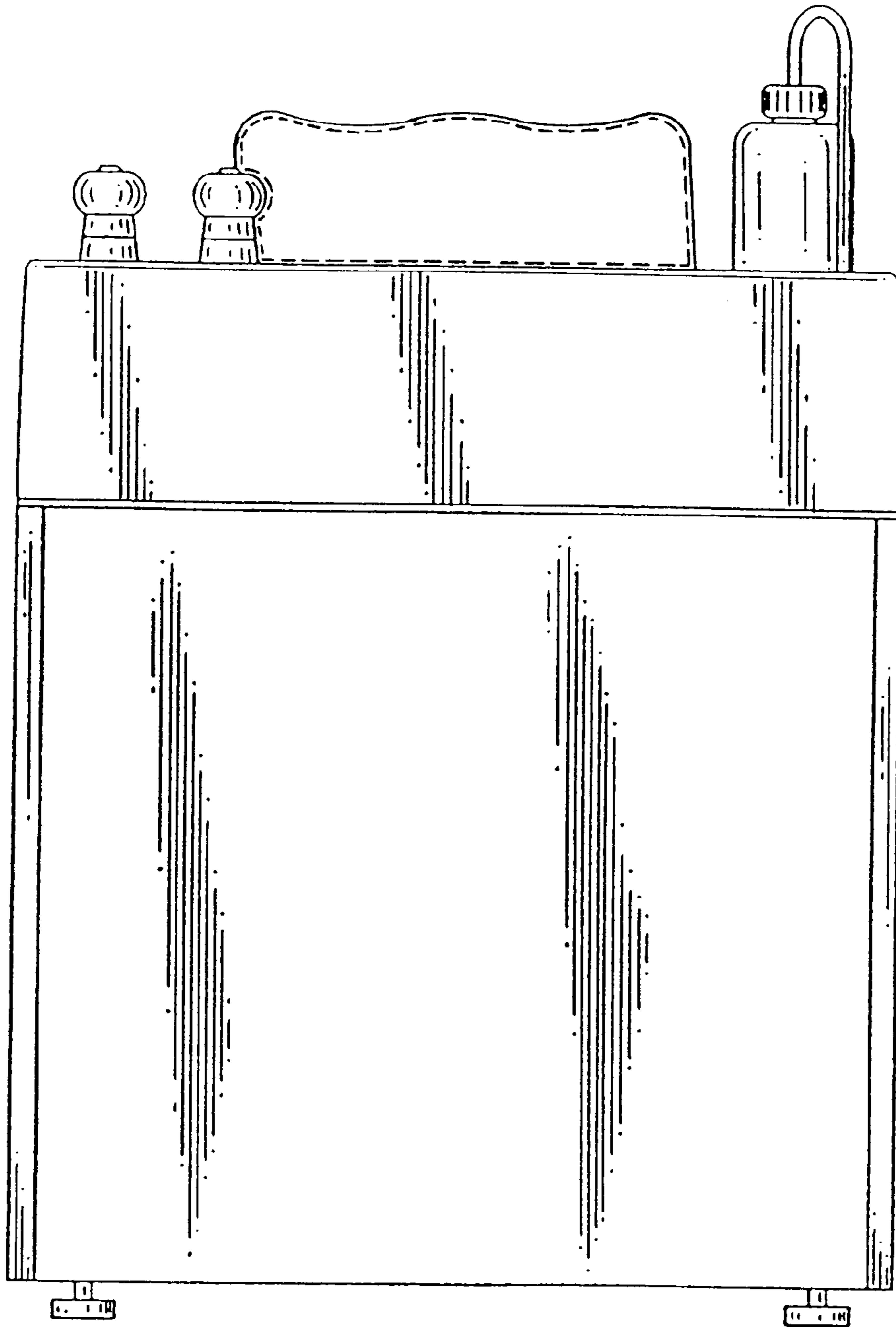


Fig.3

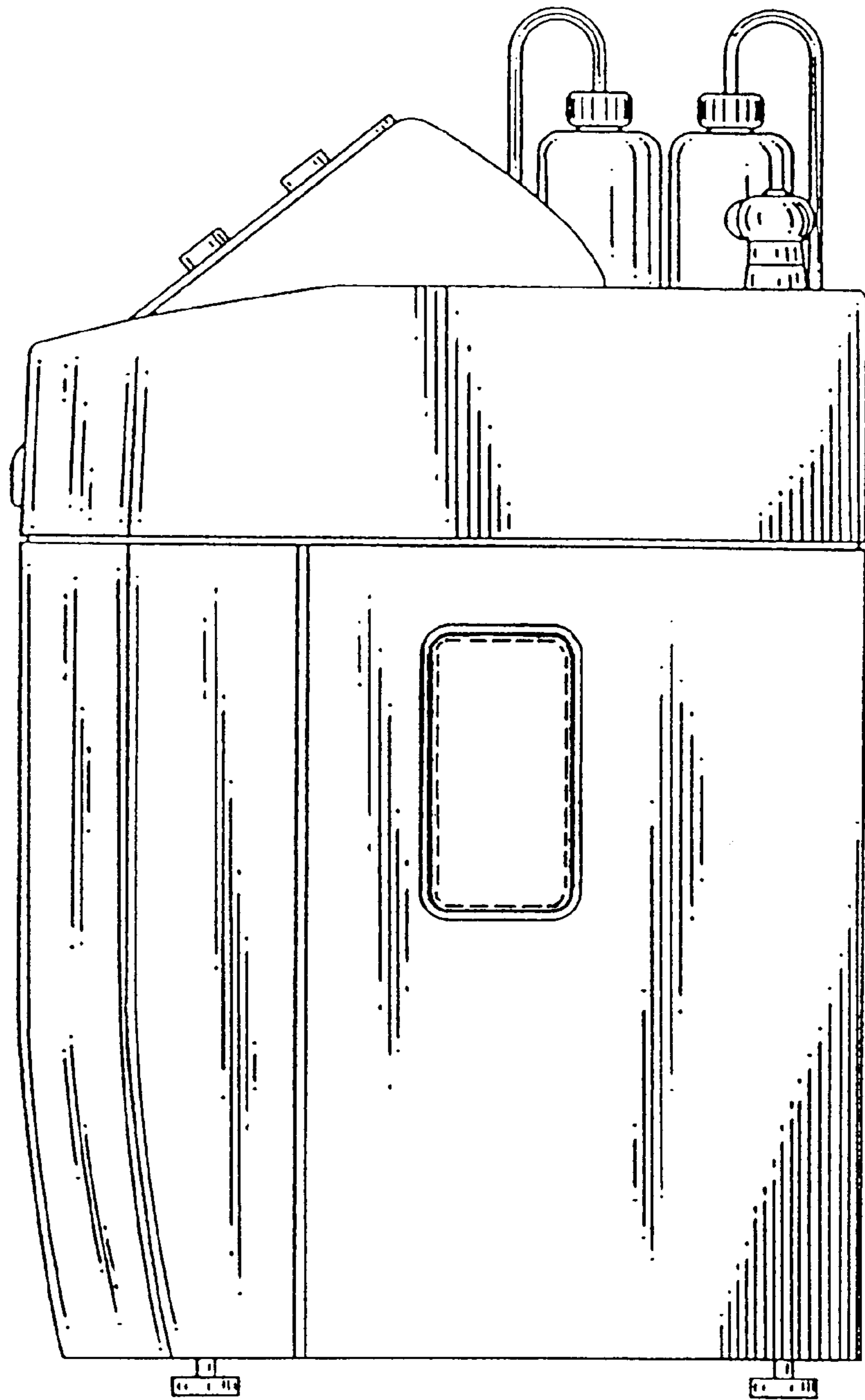


Fig.4

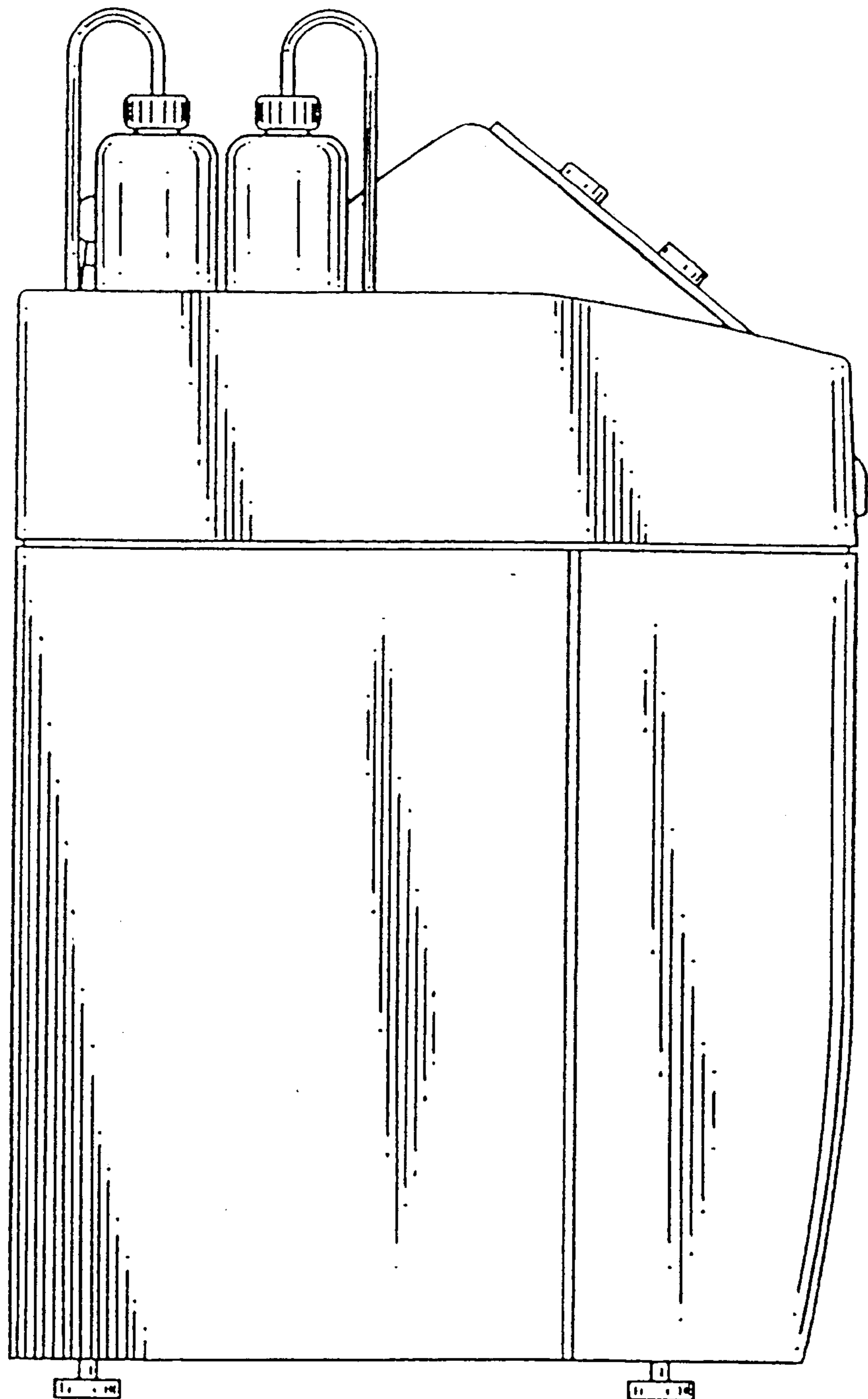


Fig.5

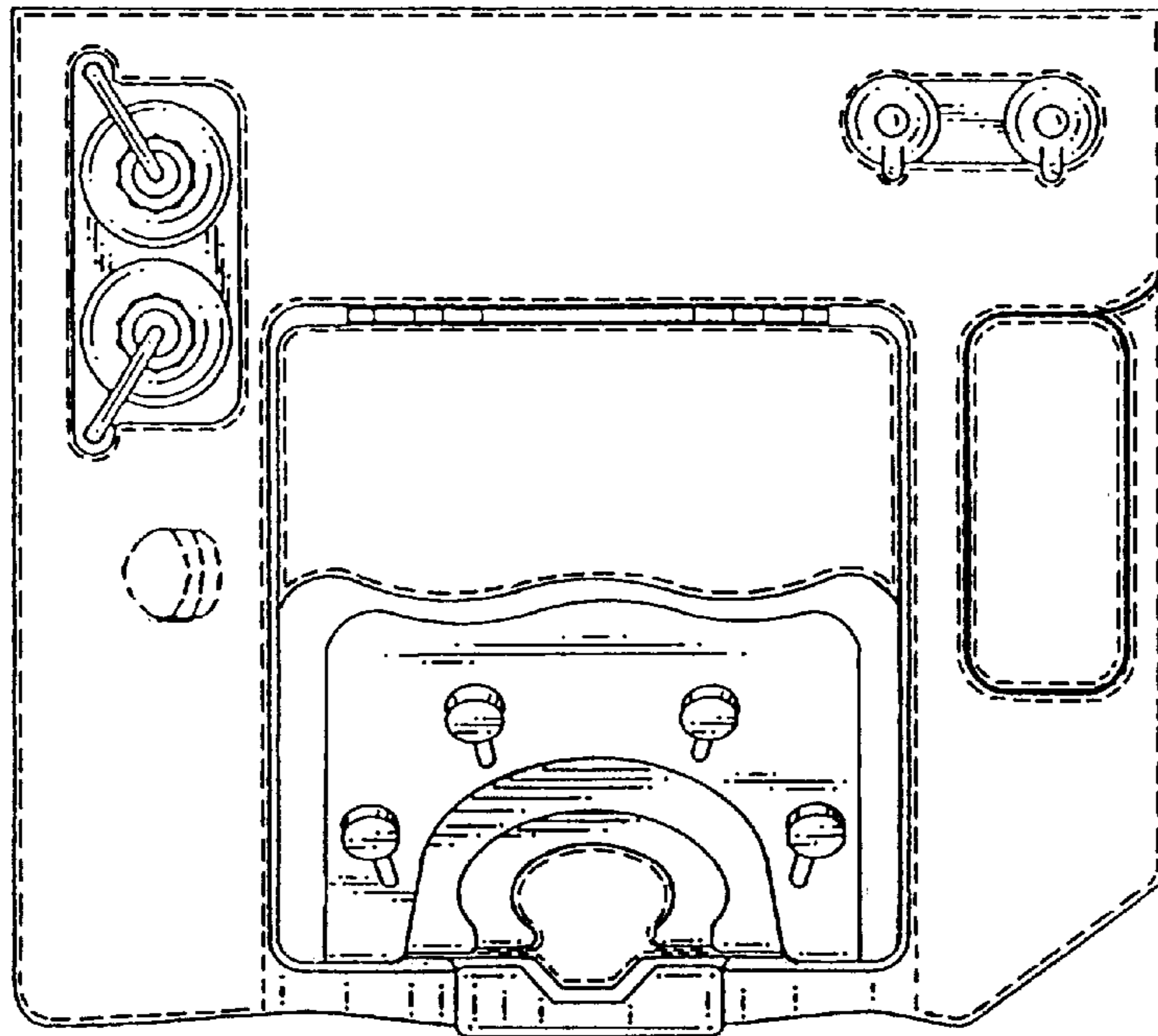


Fig.6

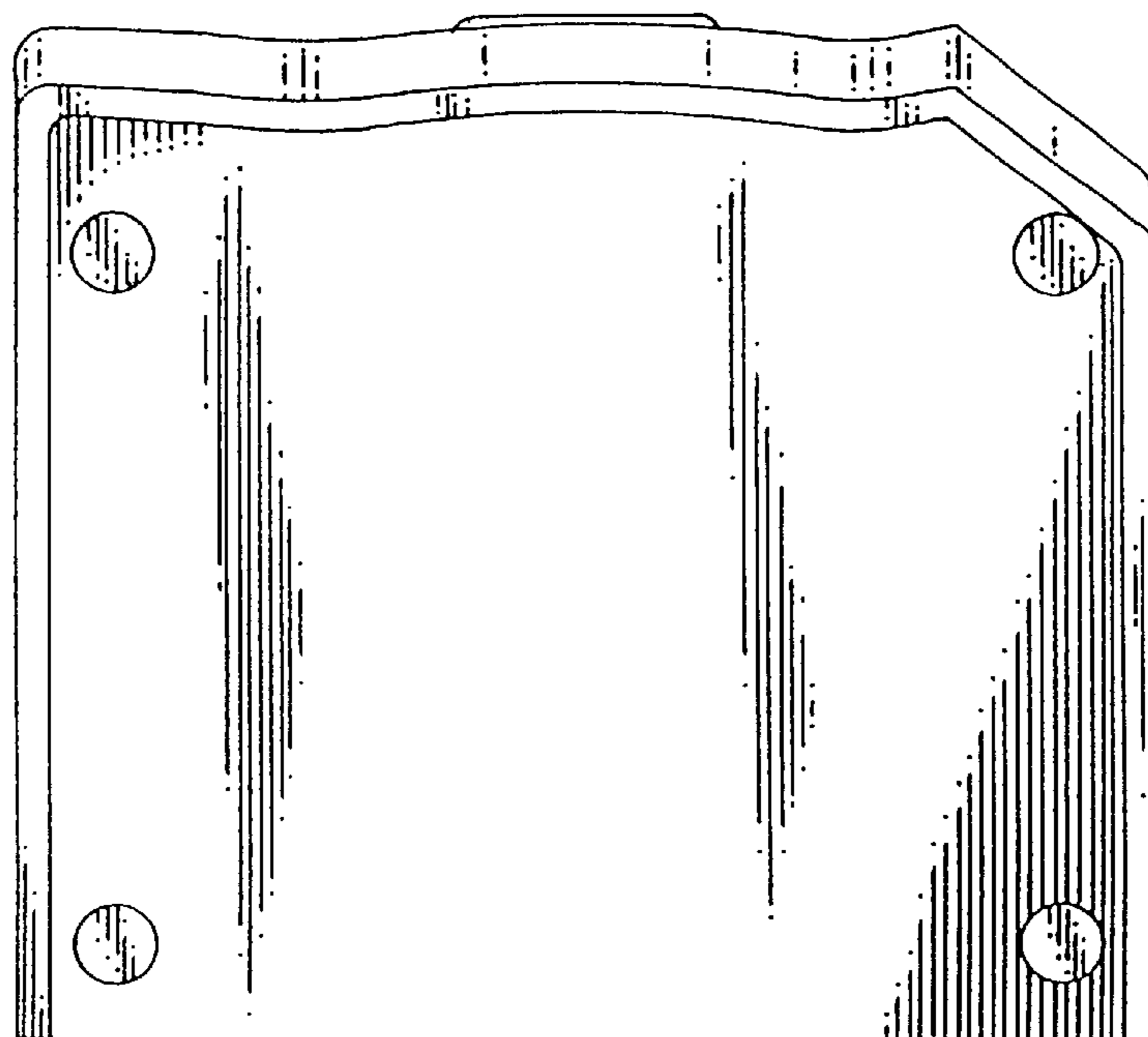
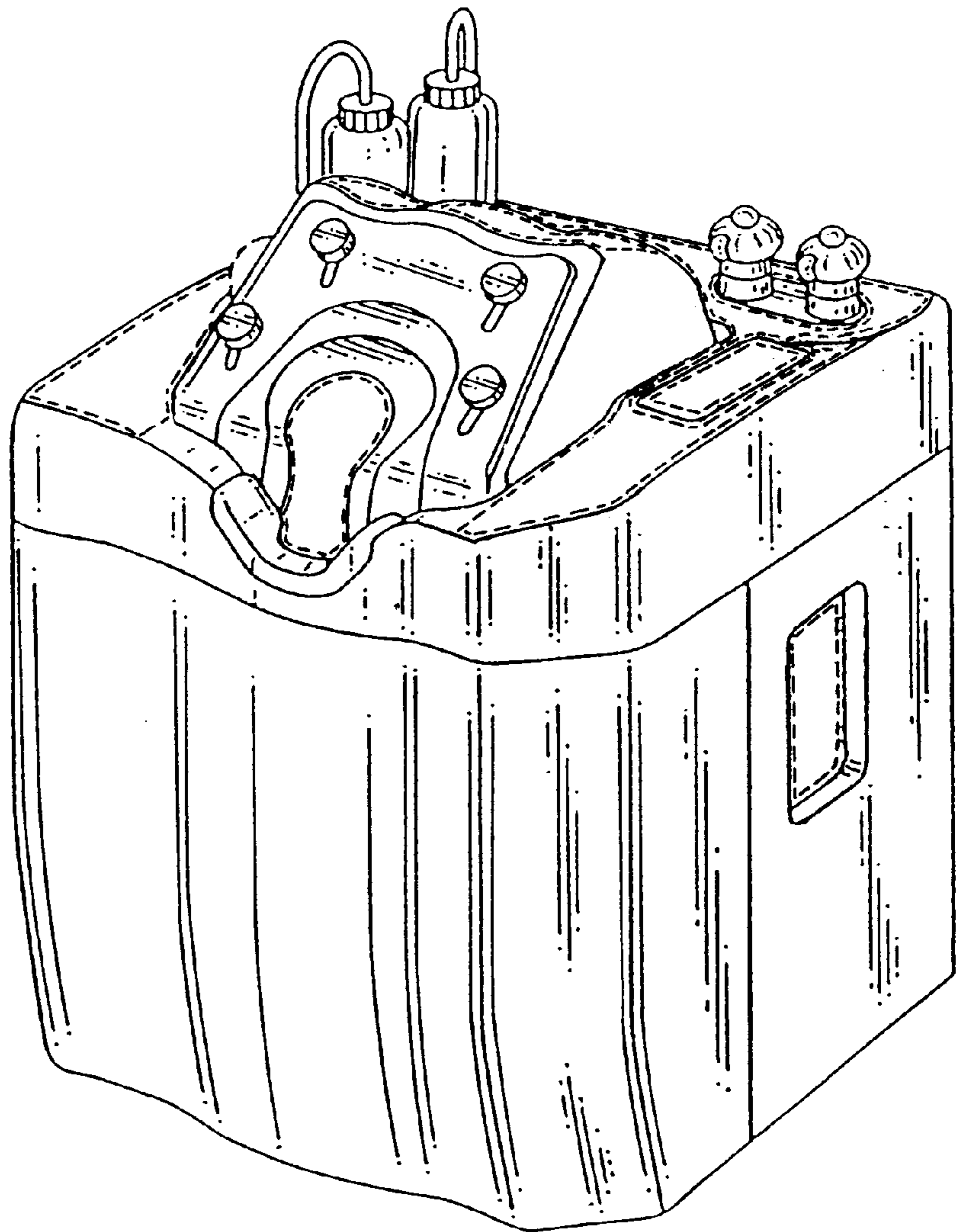


Fig.7



UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : Des. 488,586 S  
APPLICATION NO. : 29/124731  
DATED : April 13, 2004  
INVENTOR(S) : Nobuyuki Minami

Page 1 of 8

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Delete the title page and the drawings to be replaced with the attached title page and drawings.

Signed and Sealed this

Nineteenth Day of September, 2006

A handwritten signature in black ink on a light gray dotted background. The signature reads "Jon W. Dudas" in a cursive style.

JON W. DUDAS

*Director of the United States Patent and Trademark Office*



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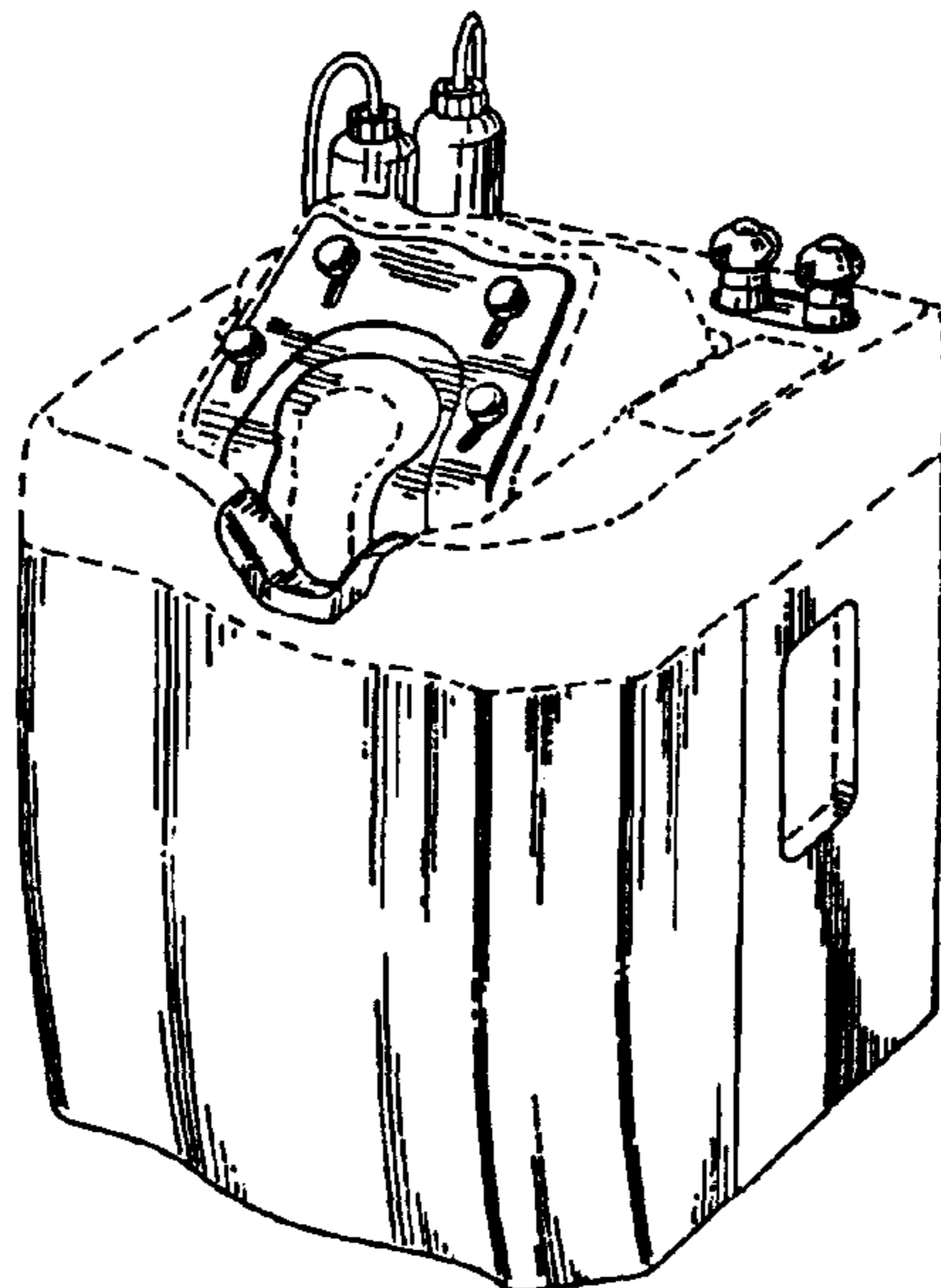


Fig. 1

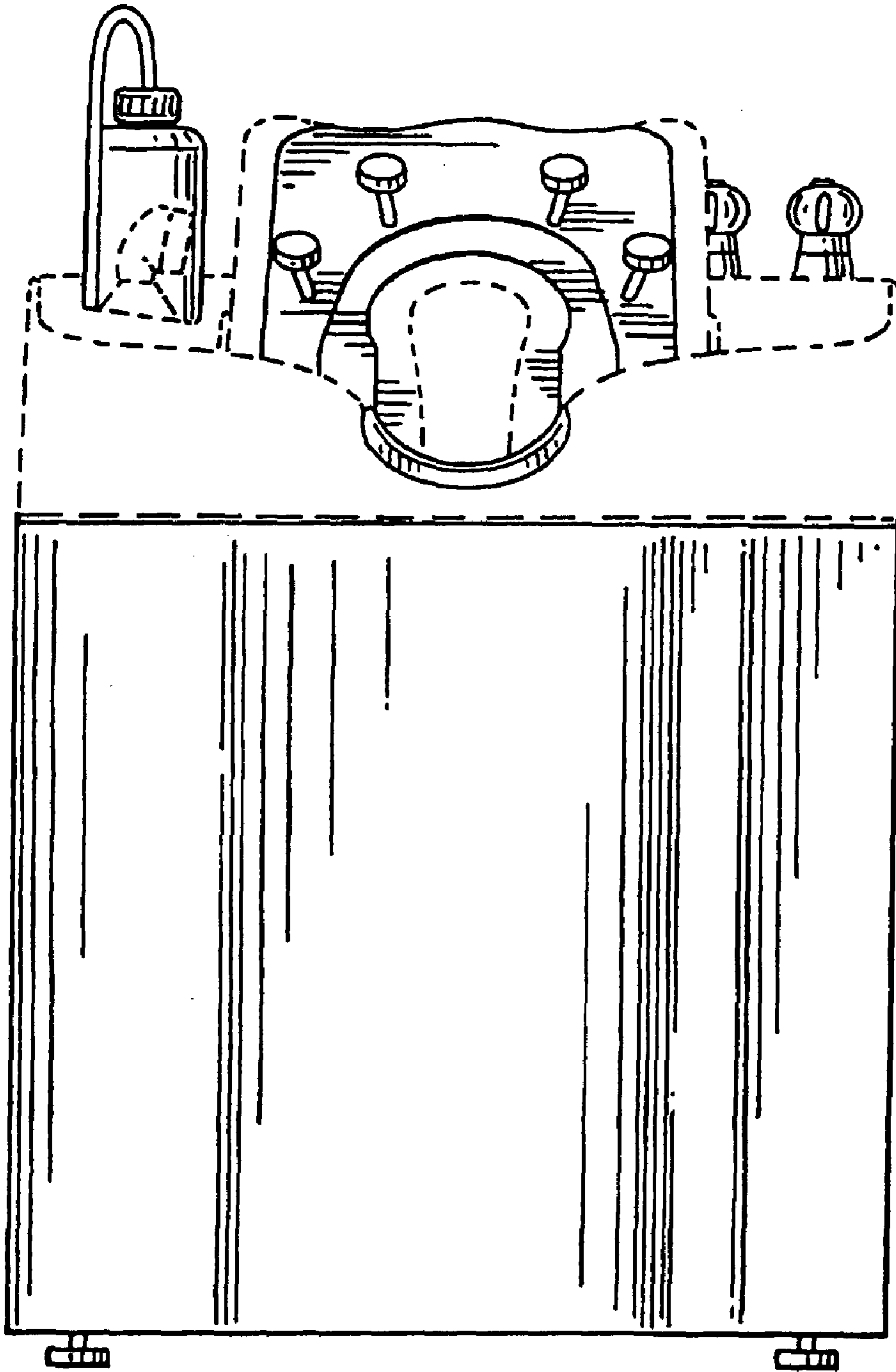


Fig. 2

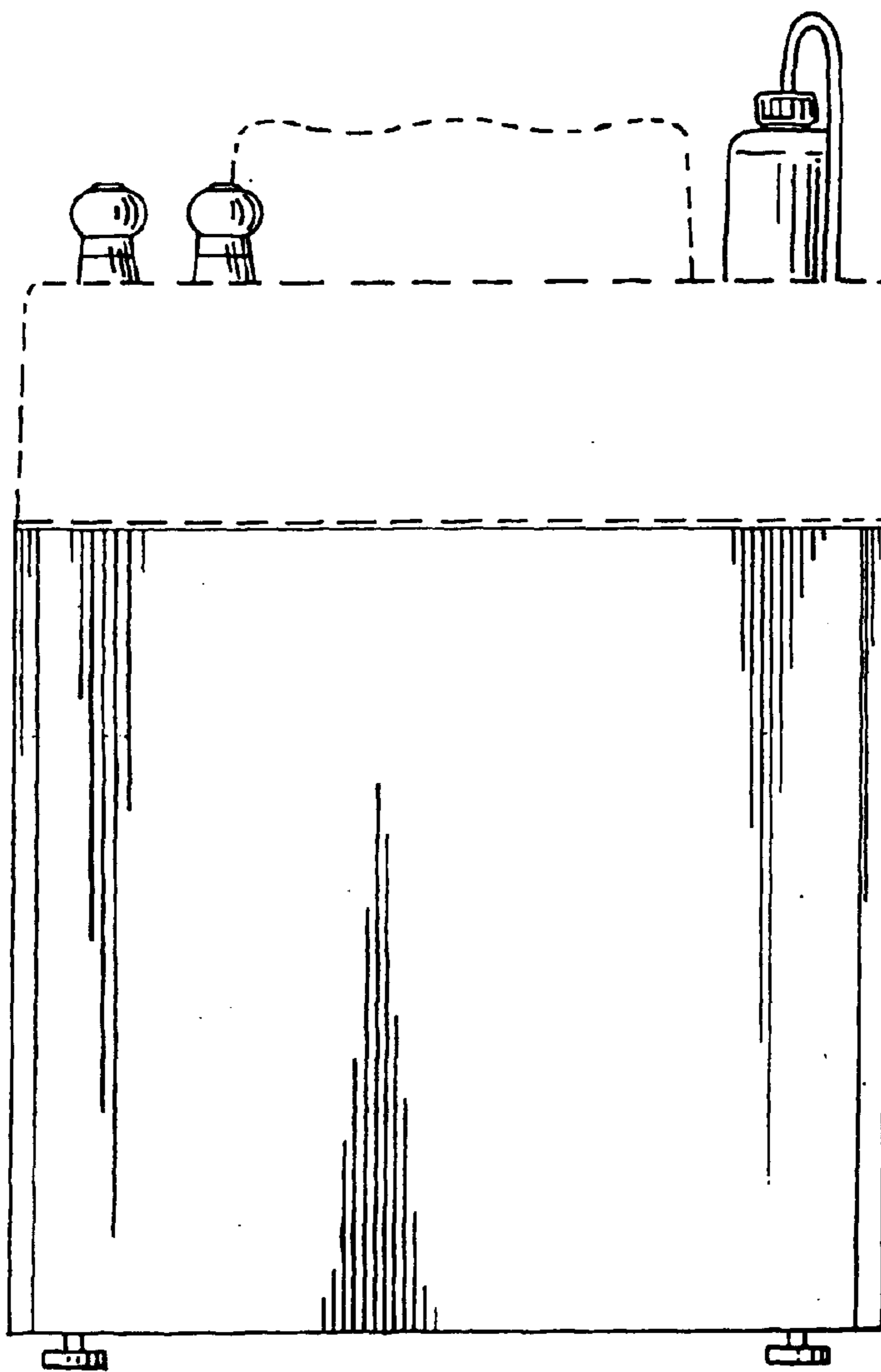


Fig. 3

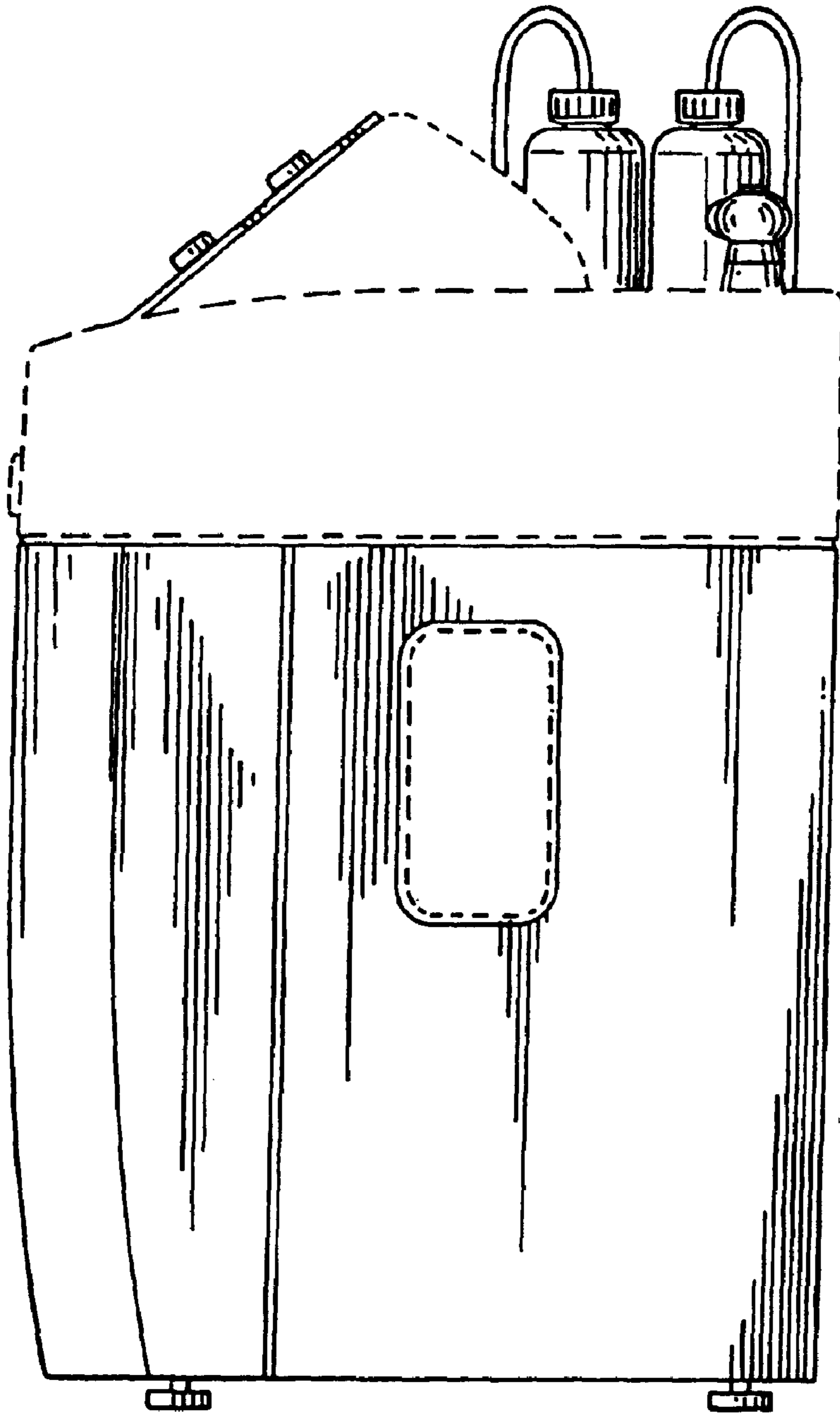


Fig. 4

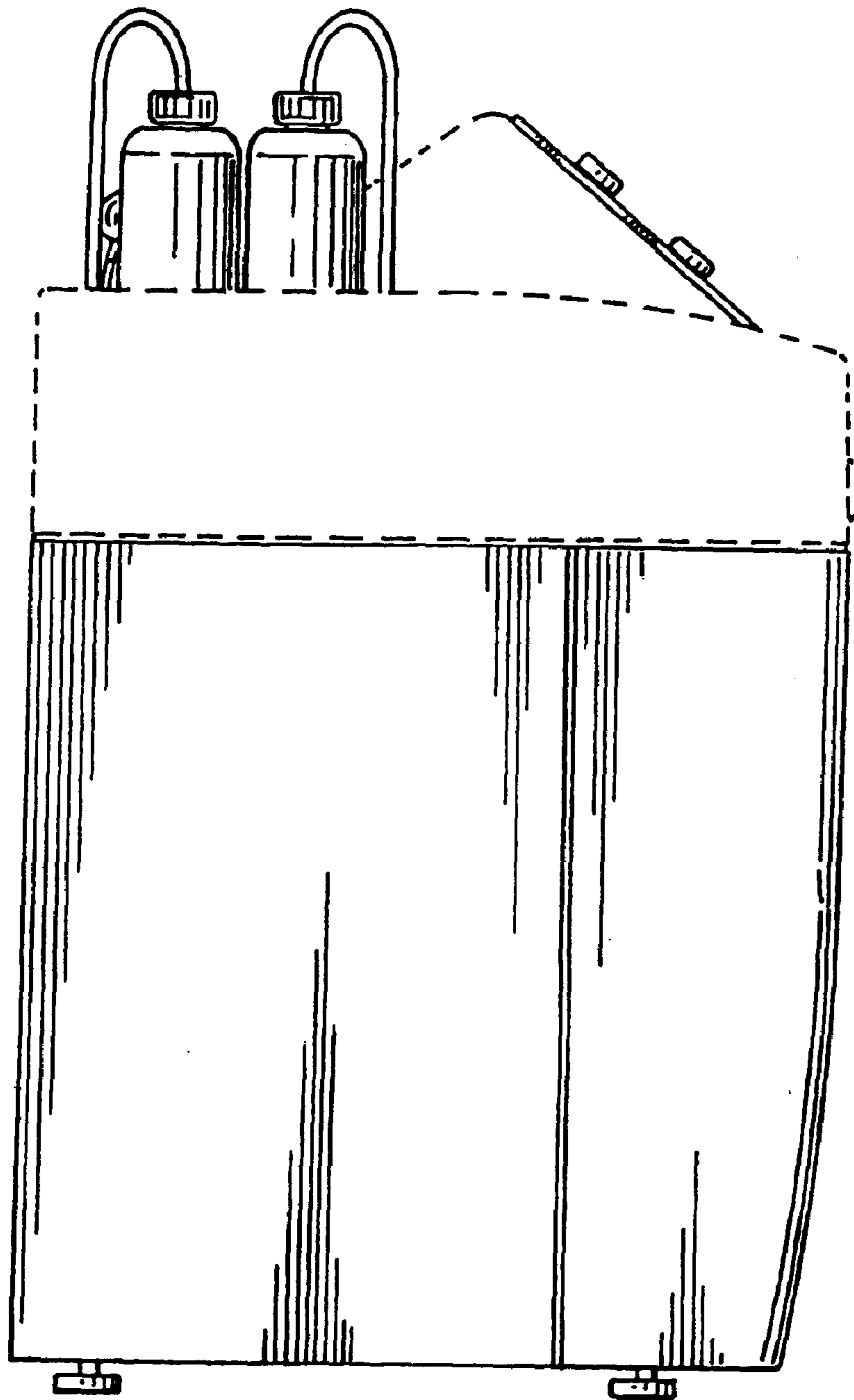


Fig. 5

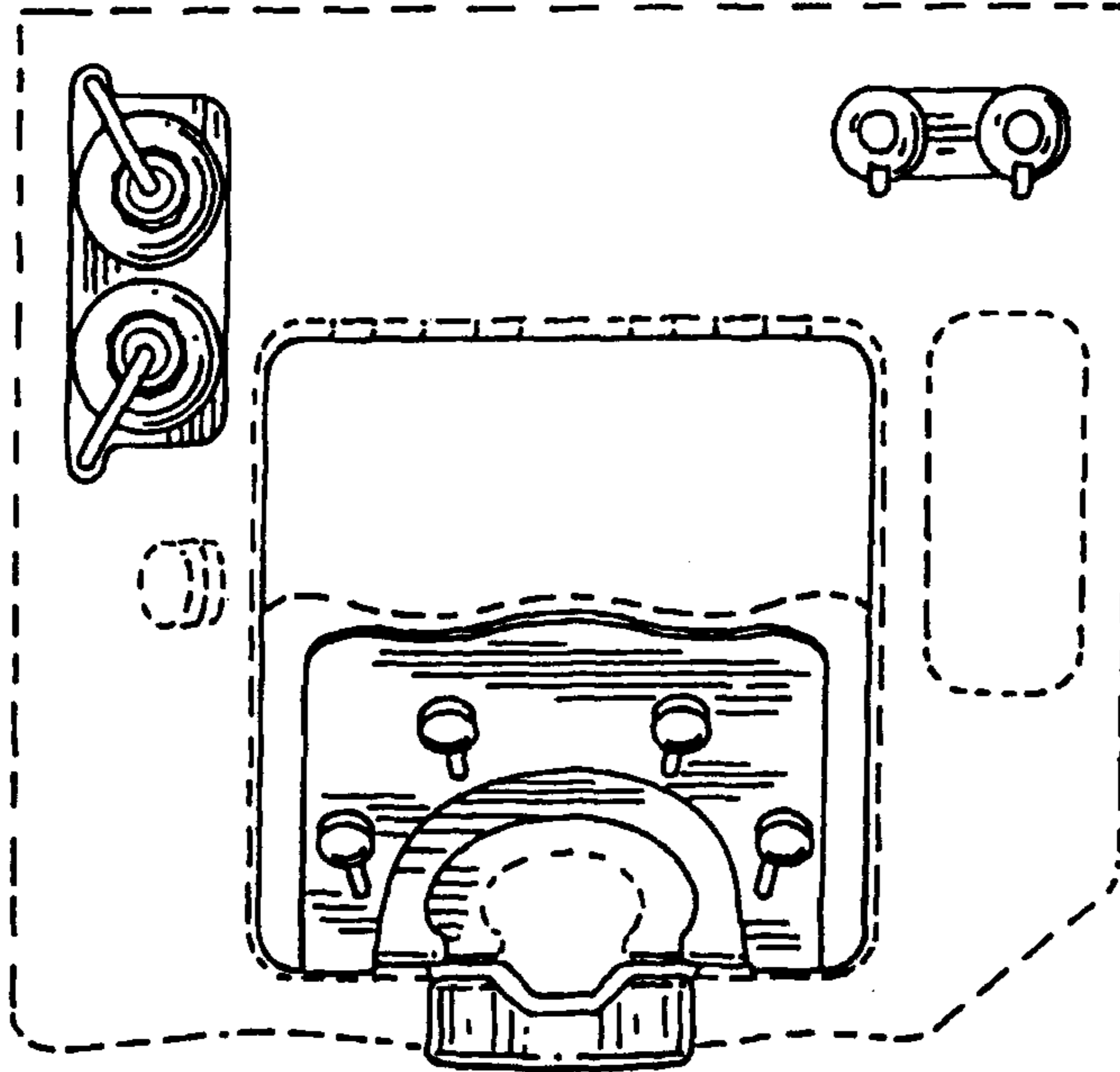


Fig. 6

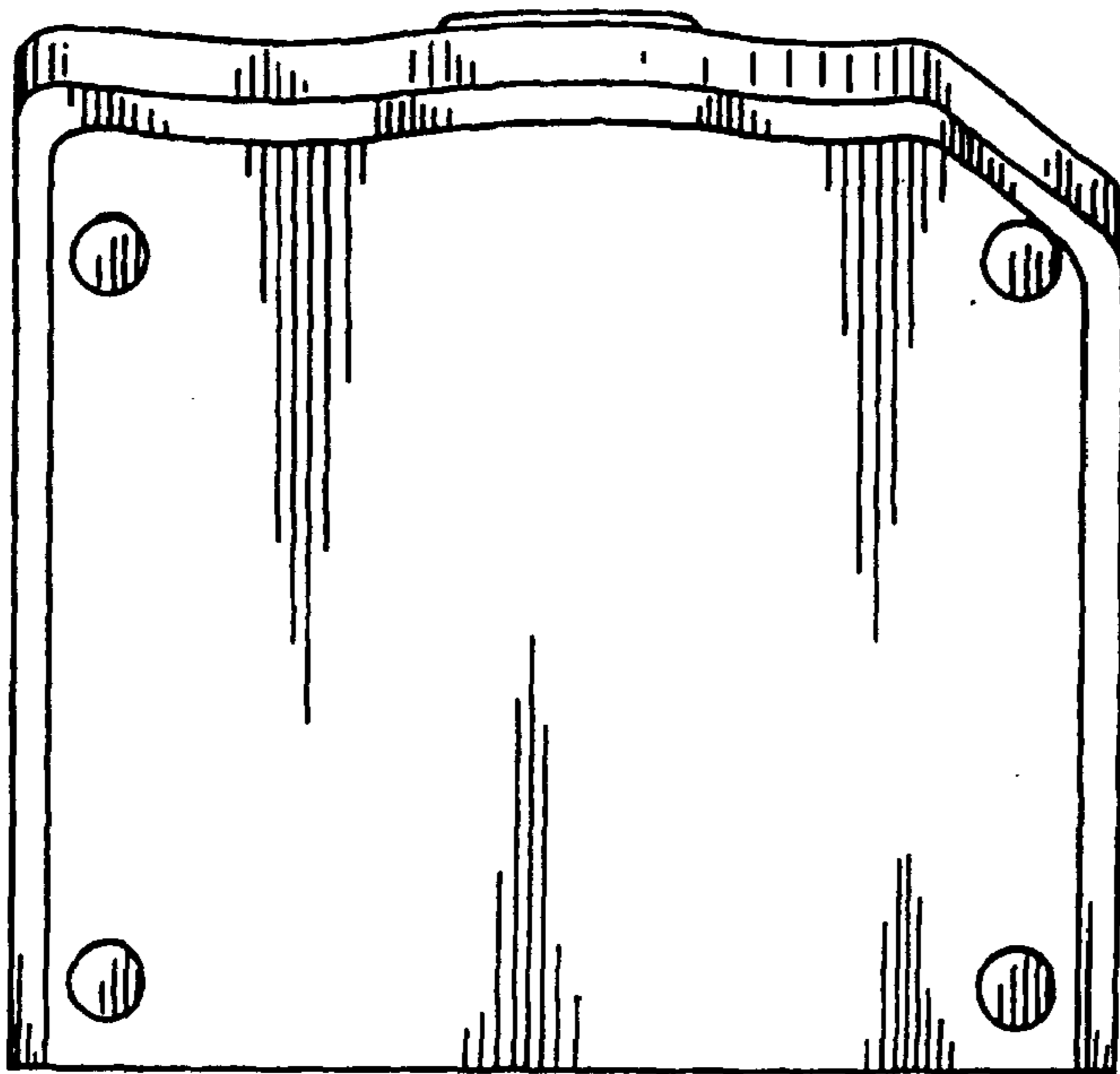


Fig. 7

