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

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(54) **LIQUID HARDENER AGITATOR**

4,226,556 A \* 10/1980 Kayahara ..... 405/263

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\* cited by examiner

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

(57) **CLAIM**

(21) Appl. No.: **29/156,684**

The ornamental design for a liquid hardener agitator, as shown and described.

(22) Filed: **Mar. 5, 2002**

(30) **Foreign Application Priority Data**

**DESCRIPTION**

Nov. 29, 2001 (KR) ..... 2001-33585

(51) **LOC (7) Cl.** ..... **15-03**

(52) **U.S. Cl.** ..... **D15/10**

(58) **Field of Search** ..... D15/21, 10, 627-629;  
106/74, 76, 900; 366/155.1; 405/263, 264,  
266, 269; 166/292, 293; 111/122, 7.1, 7.4

FIG. 1 is a perspective view of the liquid hardener agitator according to the invention;

FIG. 2 is a front view thereof;

FIG. 3 is a rear view thereof;

FIG. 4 is a left-side view;

FIG. 5 is a right-side view; and,

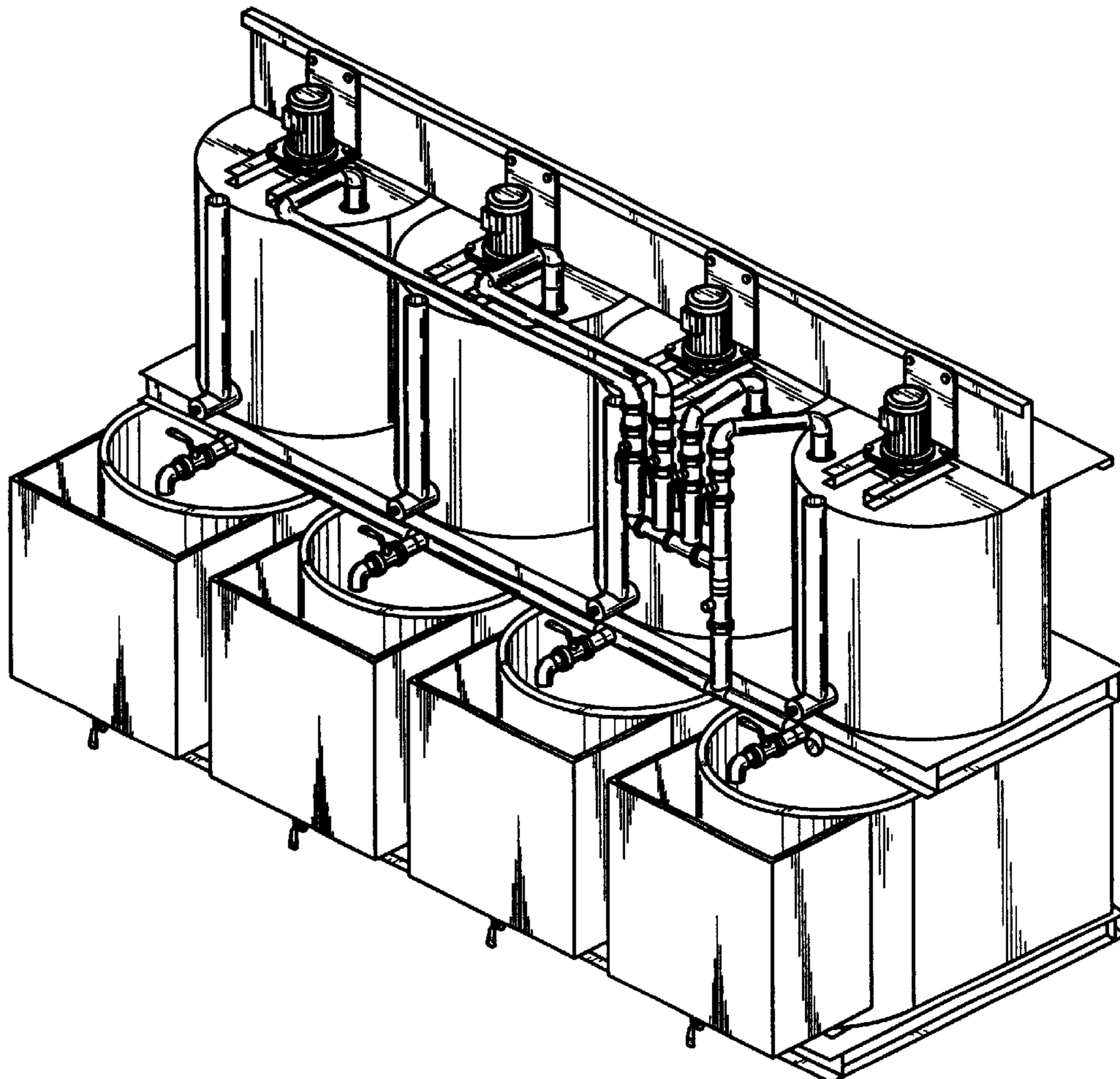
FIG. 6 is a plane view.

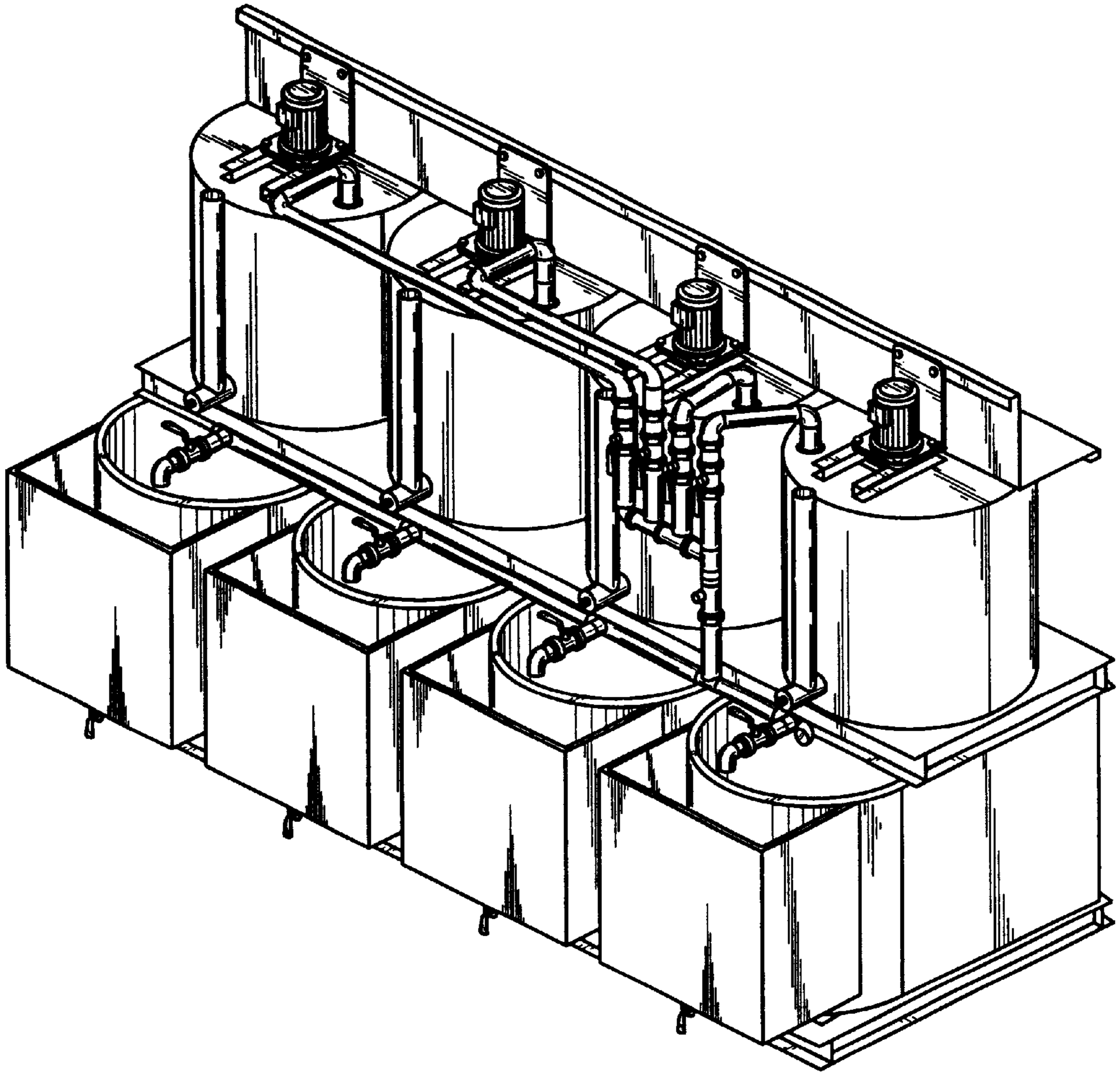
(56) **References Cited**

**U.S. PATENT DOCUMENTS**

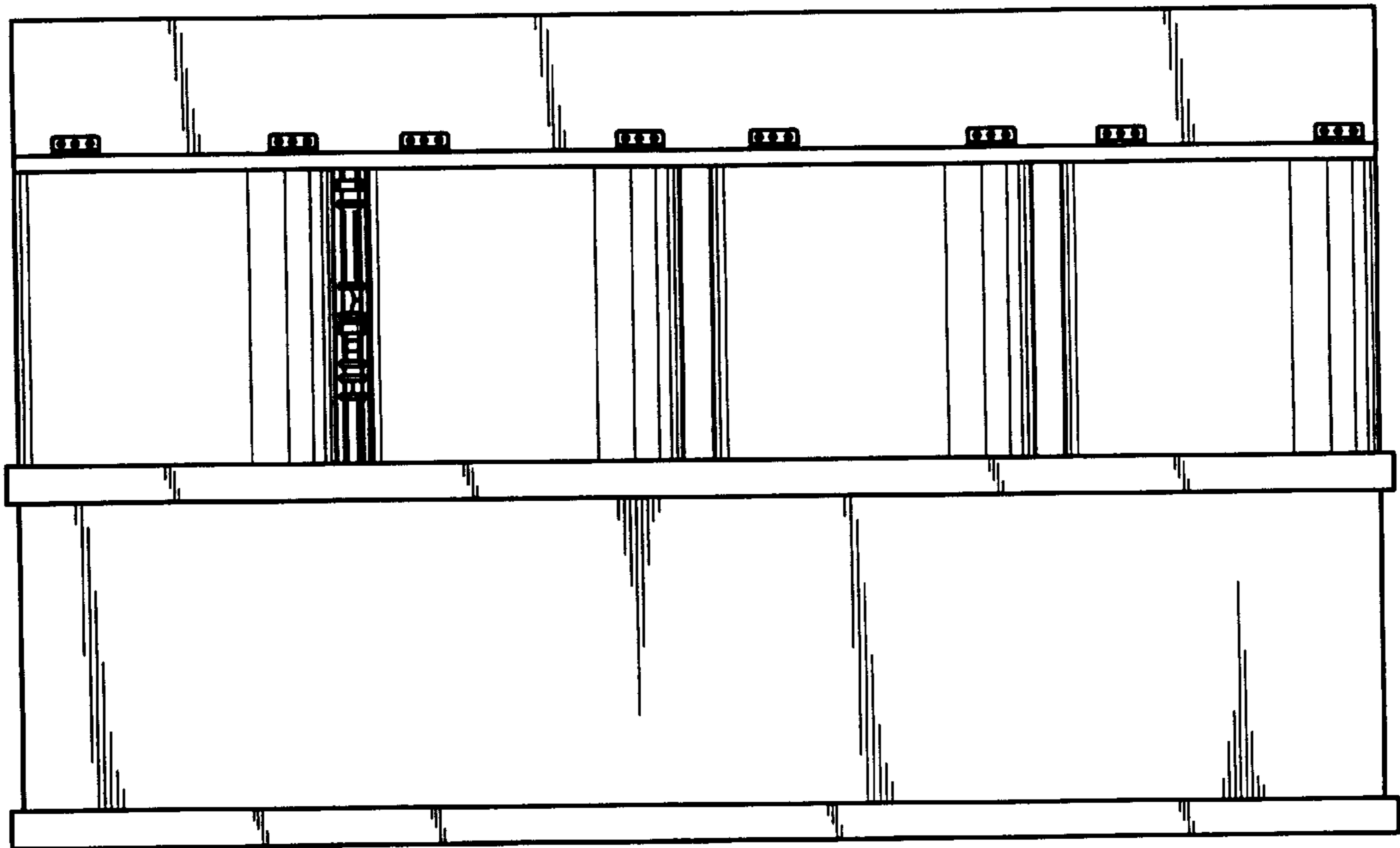
3,546,886 A \* 12/1970 Jones ..... 405/269

**1 Claim, 4 Drawing Sheets**

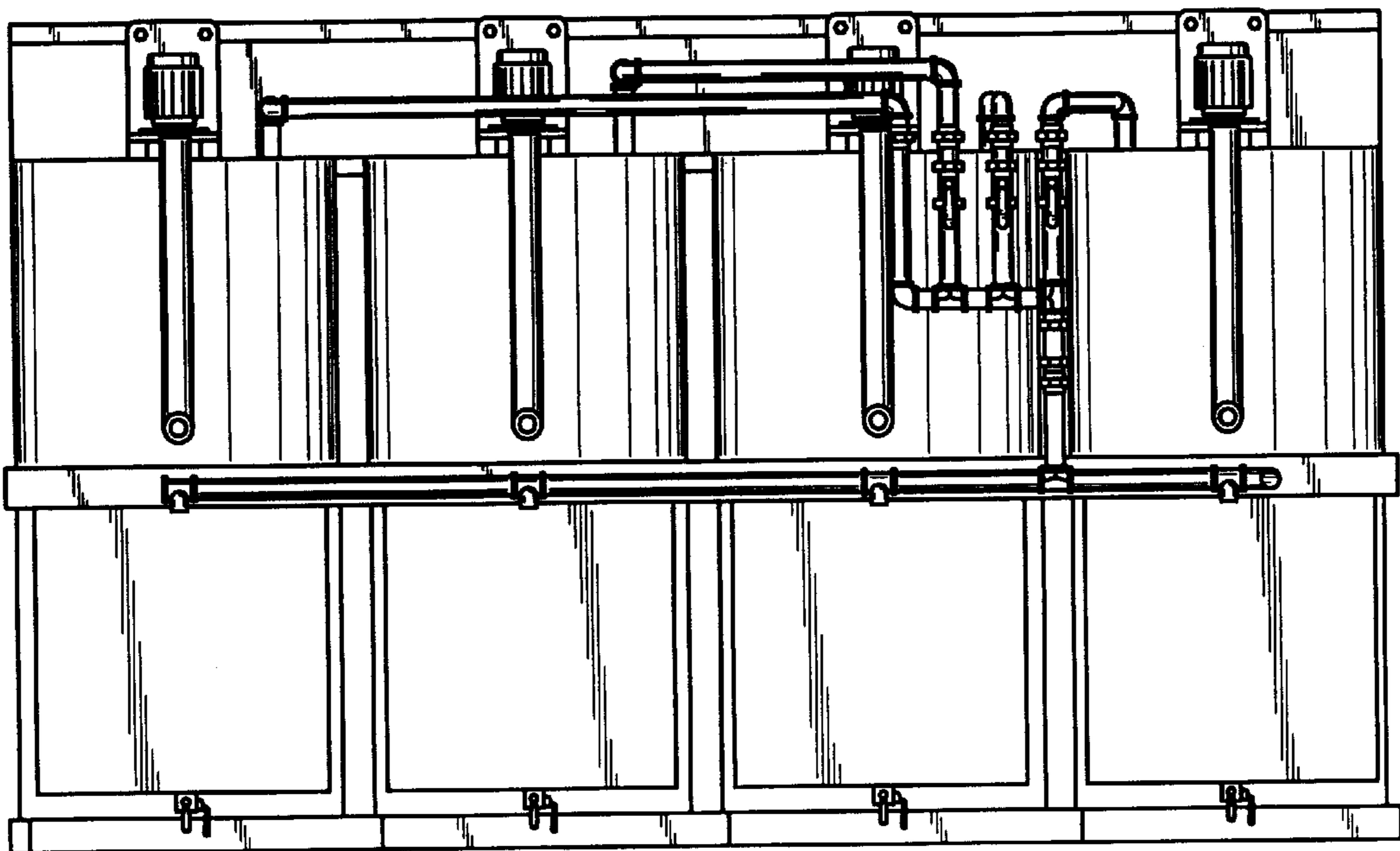




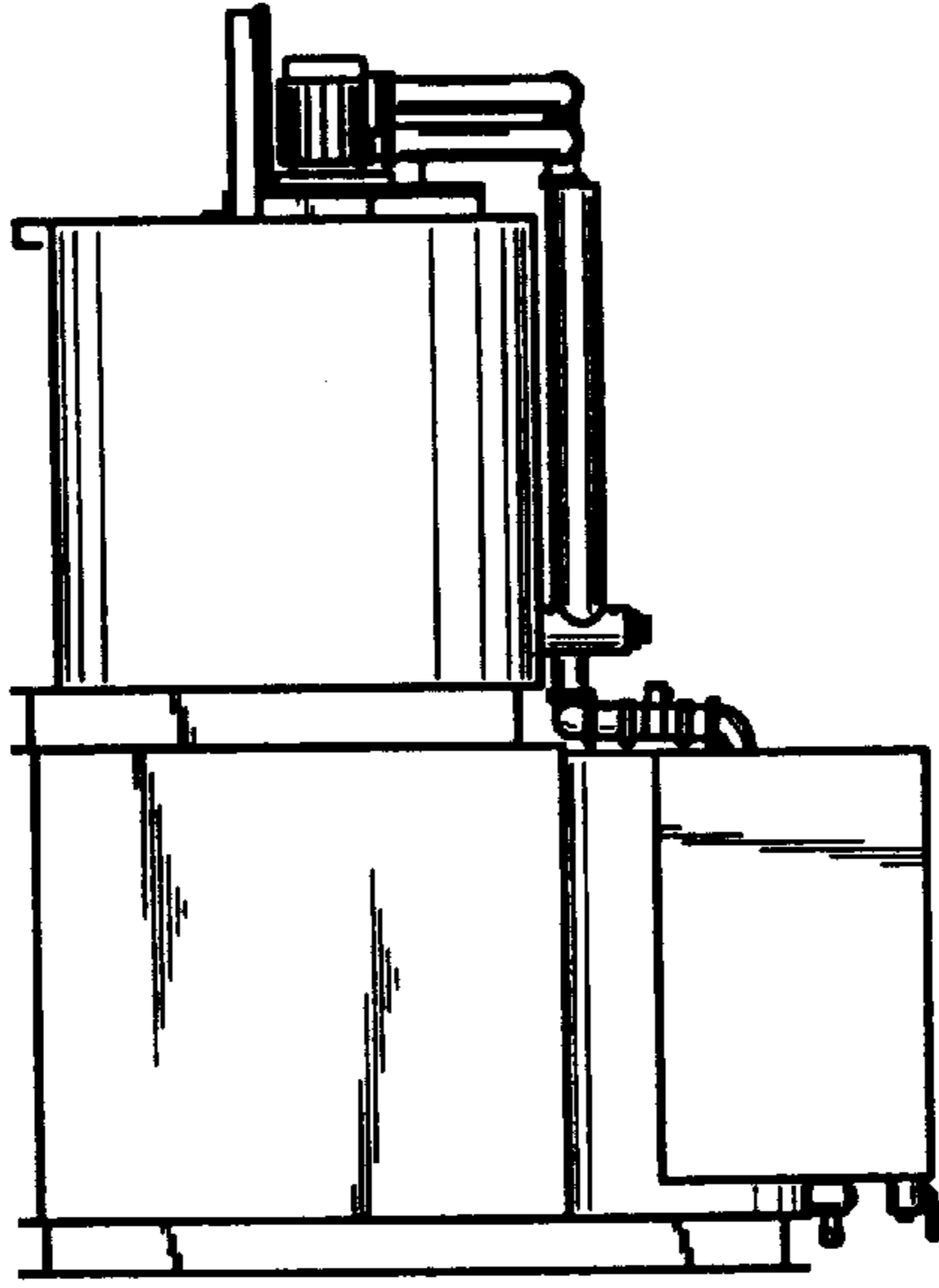
*Fig. 1*



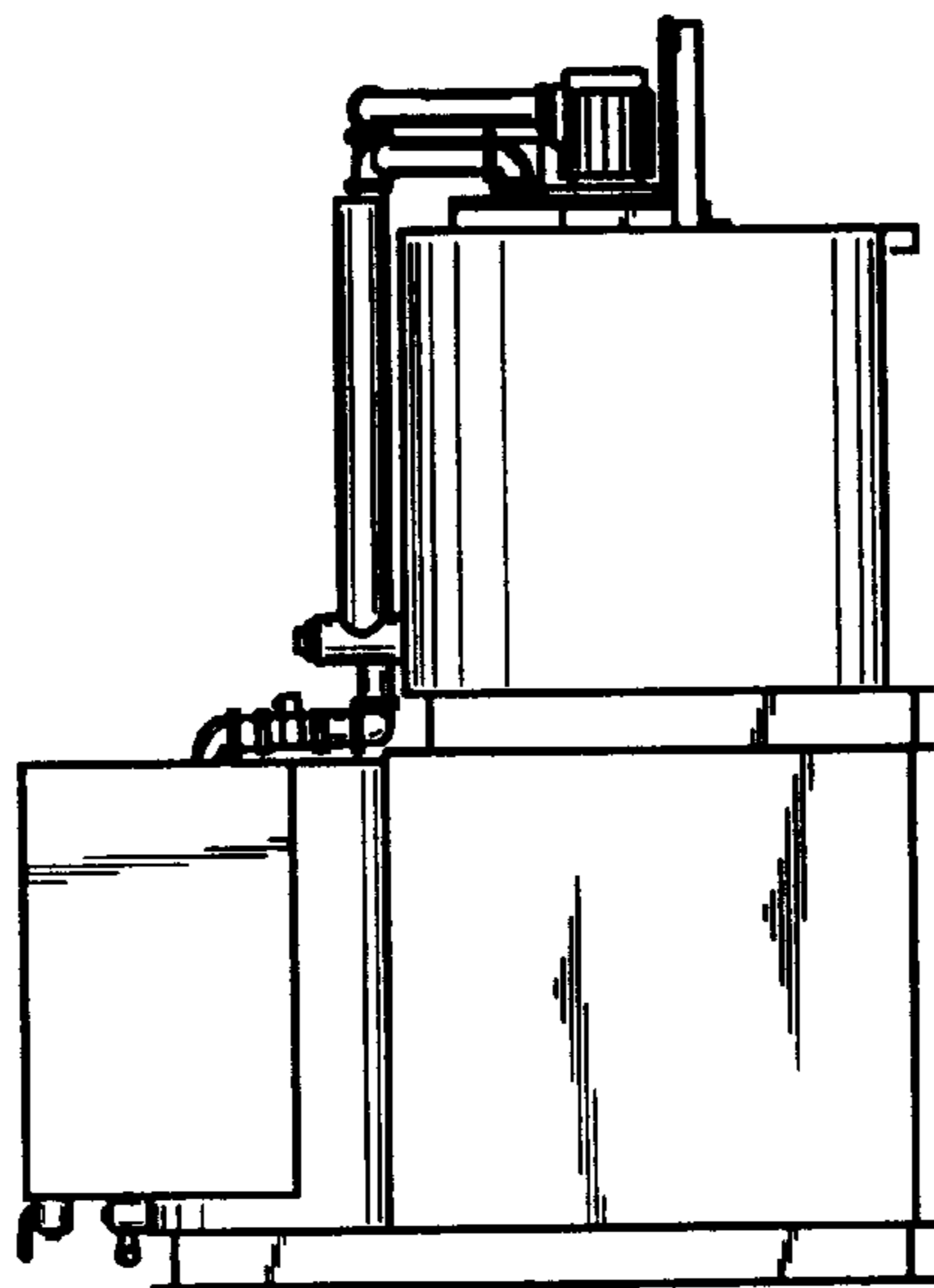
*Fig. 2*



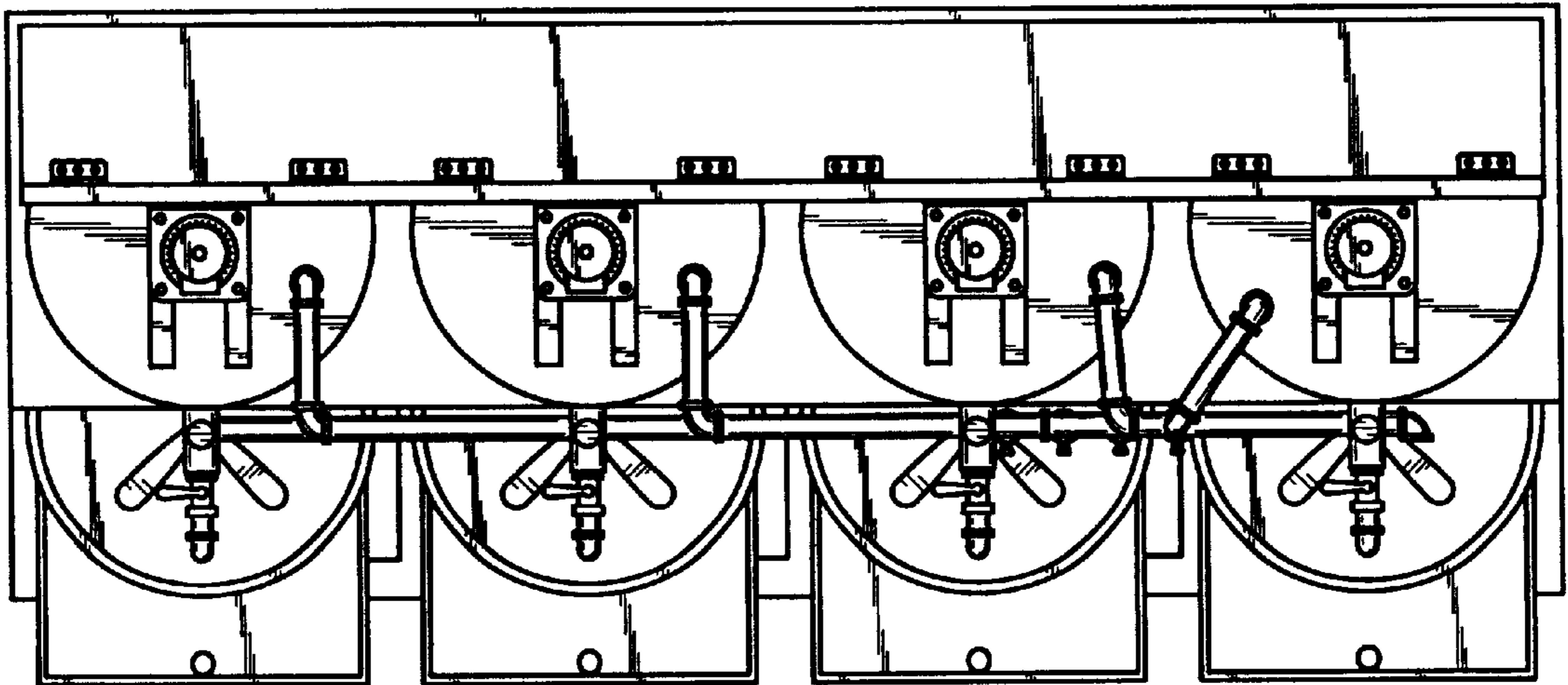
*Fig. 3*



*Fig. 4*



*Fig. 5*



*Fig. 6*