



US00D361130S

**United States Patent** [19]  
**Goldhaber et al.**

[11] **Patent Number:** **Des. 361,130**  
[45] **Date of Patent:** **\*\* Aug. 8, 1995**

- [54] **COMBINED INTEGRATED CYLINDRICAL  
HEAT EXCHANGER AND SQUARE  
OXYGENATOR**
- [75] Inventors: **Richard P. Goldhaber**, Lake Forest,  
Ill.; **Paul D. Brinda**, Robbinsdale;  
**Ulf-Eiel F. Bach**, Mound, both of  
Minn.
- [73] Assignee: **Minntech Corporation**, Minneapolis,  
Minn.
- [\*\*] Term: **14 Years**
- [21] Appl. No.: **20,316**
- [22] Filed: **Mar. 23, 1994**
- [52] U.S. Cl. .... **D24/169**
- [58] **Field of Search** ..... **D24/169; 210/175, 188,**  
**210/195.2, 198.1, 645, 321.64, 321.79, 321.88;**  
**128/DIG. 3; 604/4; 422/48, 46**

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*Primary Examiner*—Stella Reid  
*Attorney, Agent, or Firm*—Barbara A. Wrigley

[57] **CLAIM**  
The ornamental design for a combined integrated cylin-  
drical heat exchanger and square oxygenator, as shown.

**DESCRIPTION**  
FIG. 1 is a perspective view of the design of the present  
invention showing the top, right side and front;  
FIG. 2 is a perspective view of the design of the present  
invention showing the bottom, left side and rear;  
FIG. 3 is a top plan view of the integrated cylindrical  
heat exchanger and square oxygenator showing our  
new design;  
FIG. 4 is a front elevational view thereof;  
FIG. 5 is a left side elevational view thereof;  
FIG. 6 is a right side elevational view of the design of  
the present invention; and,  
FIG. 7 is a rear elevational view thereof.

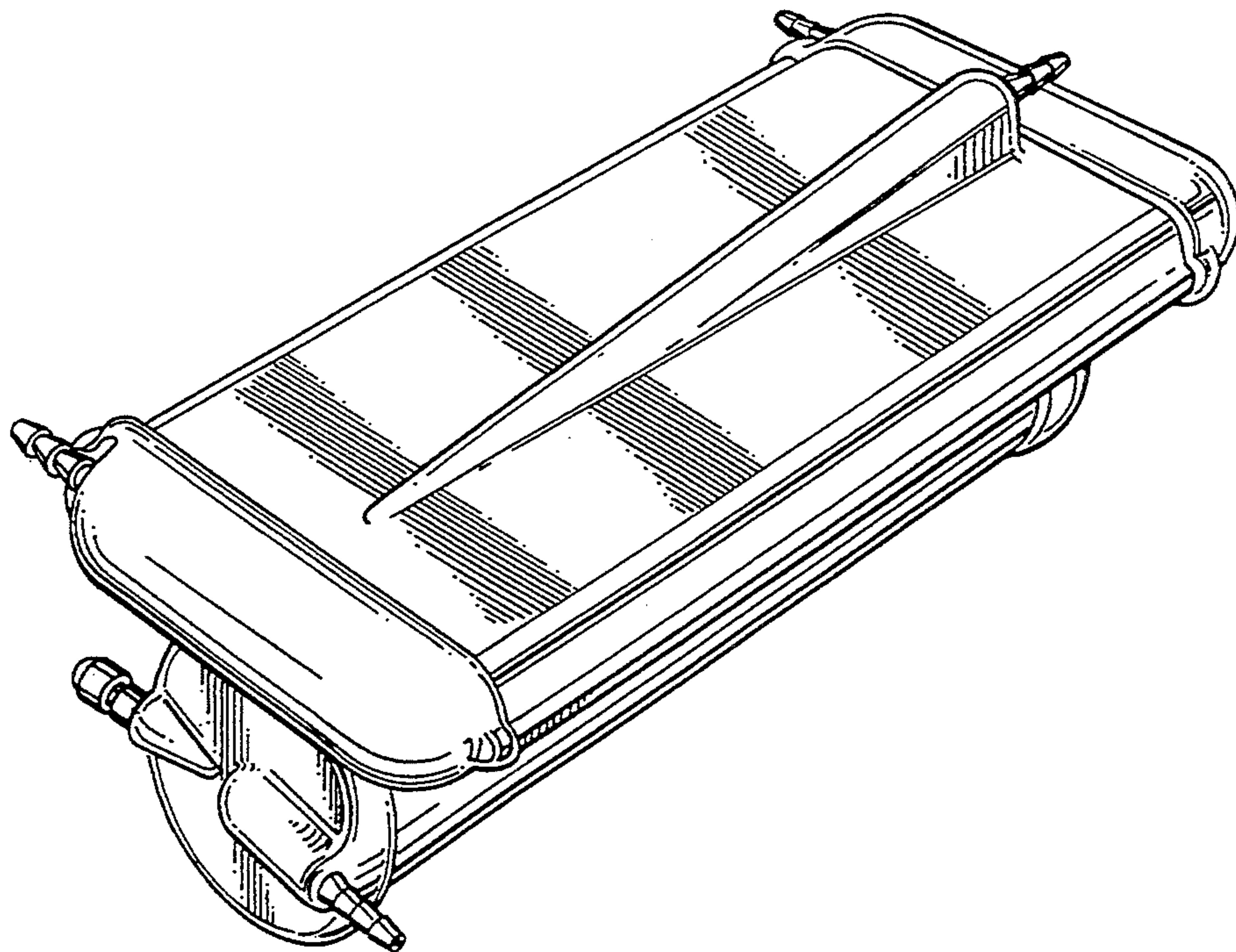
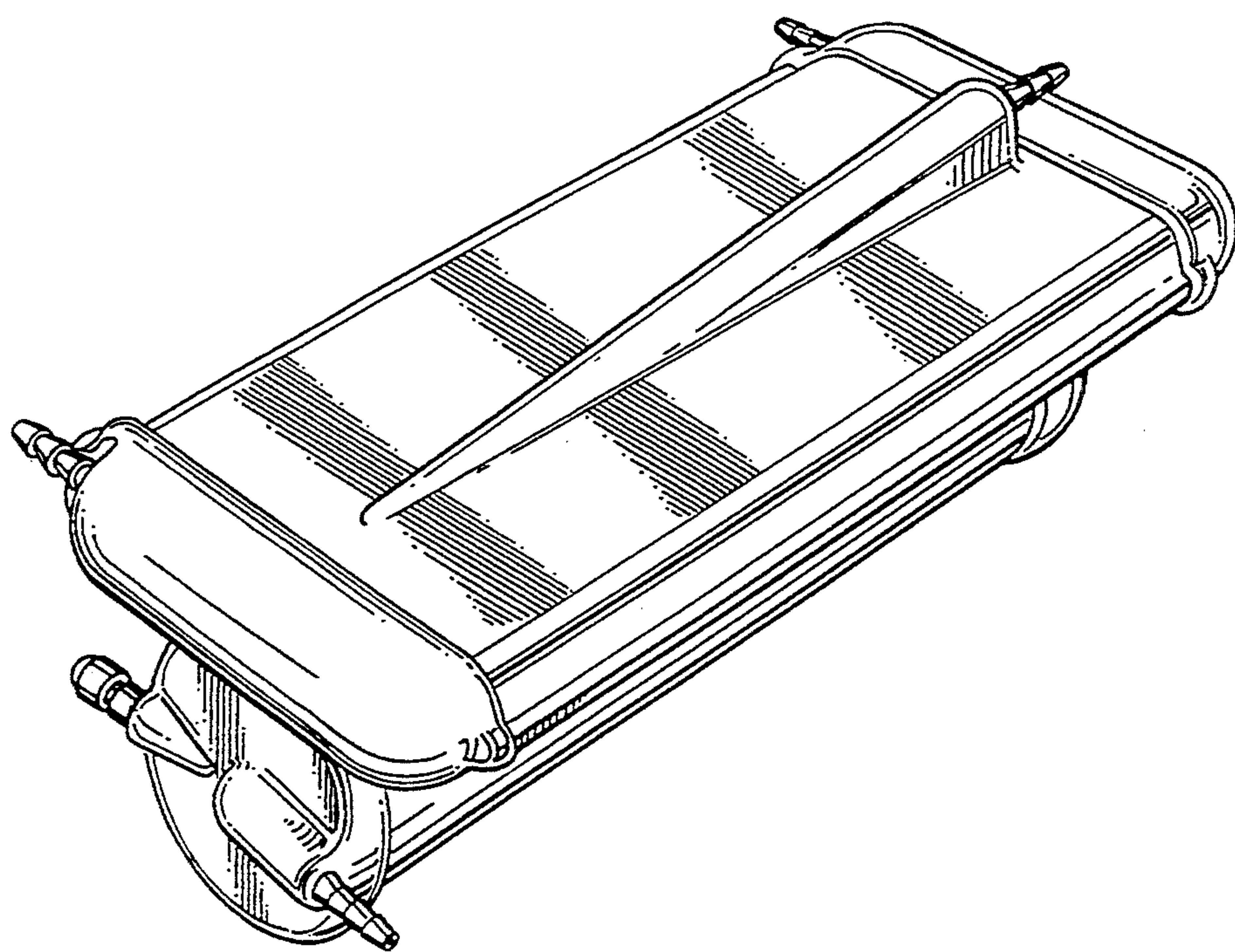
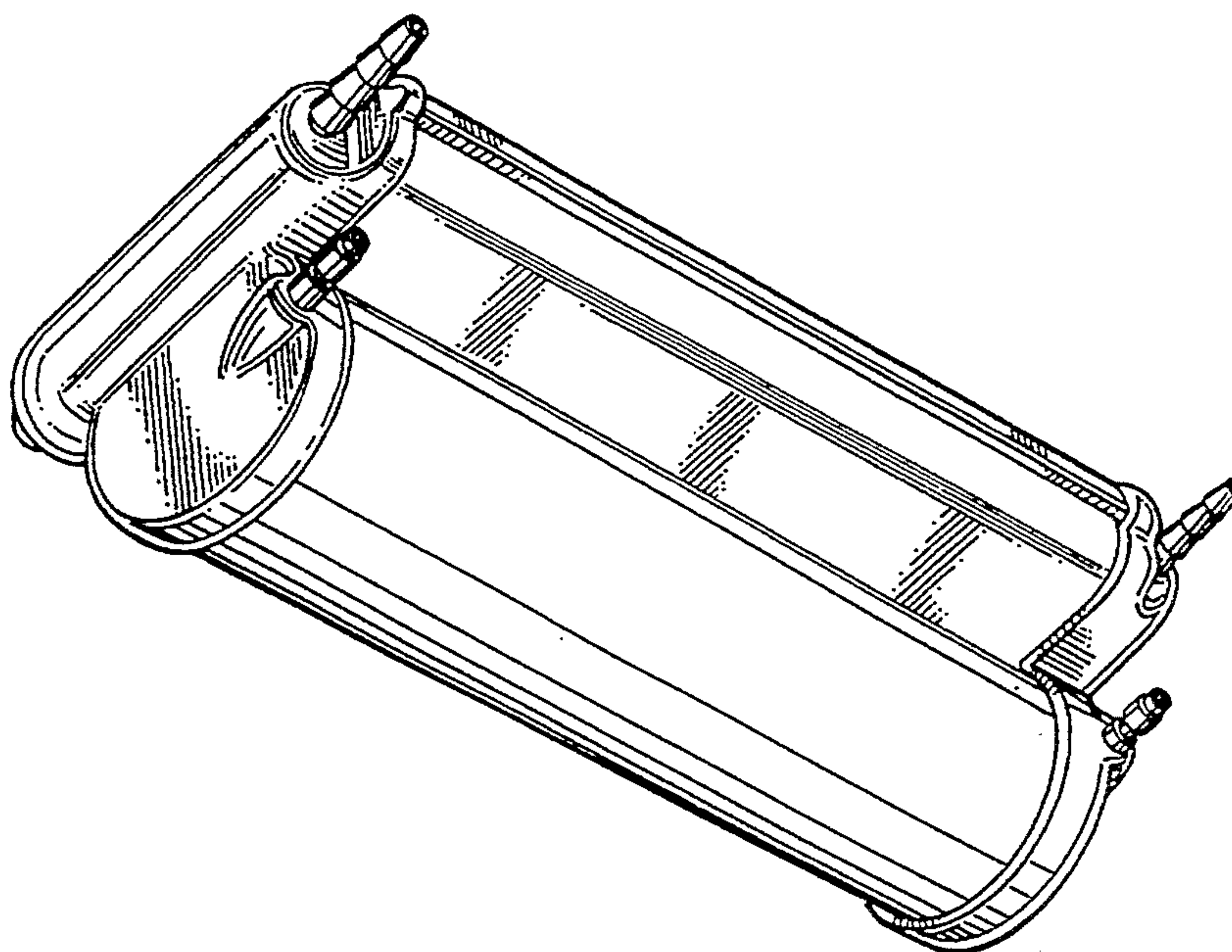


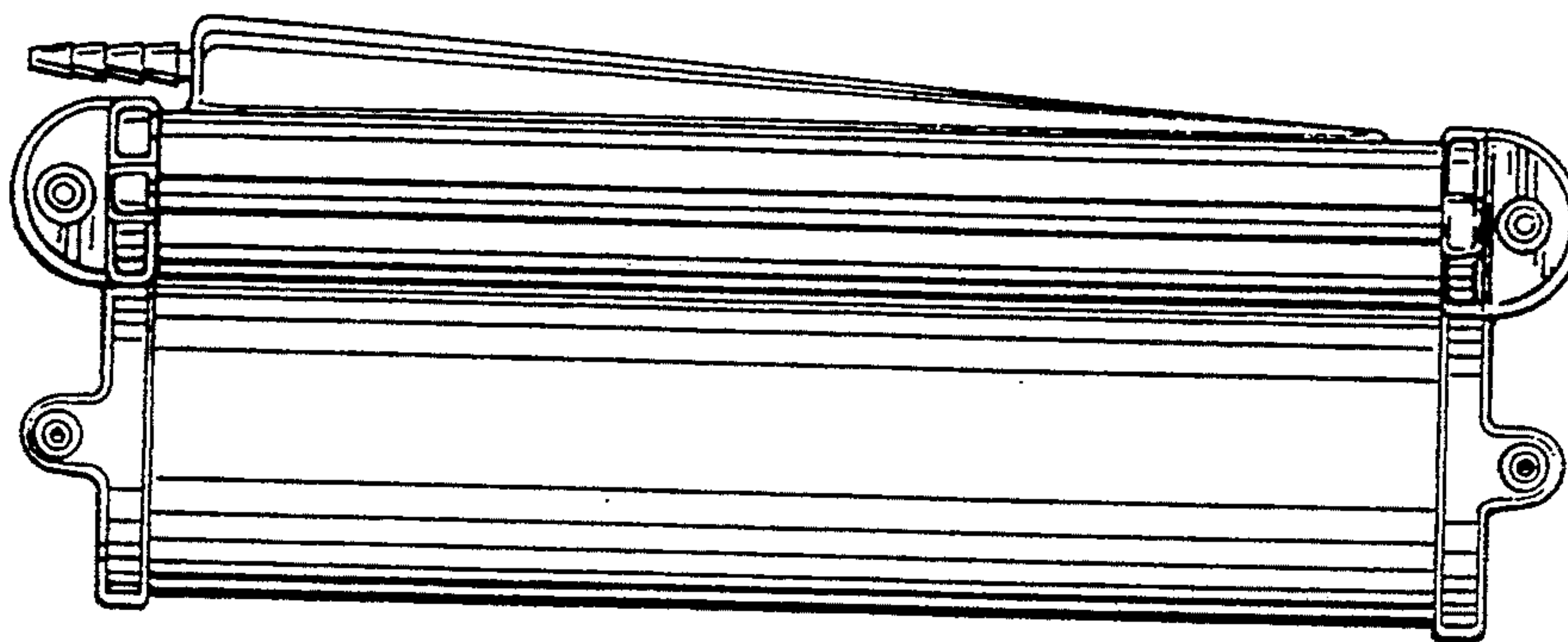
Fig.1



**Fig. 2**

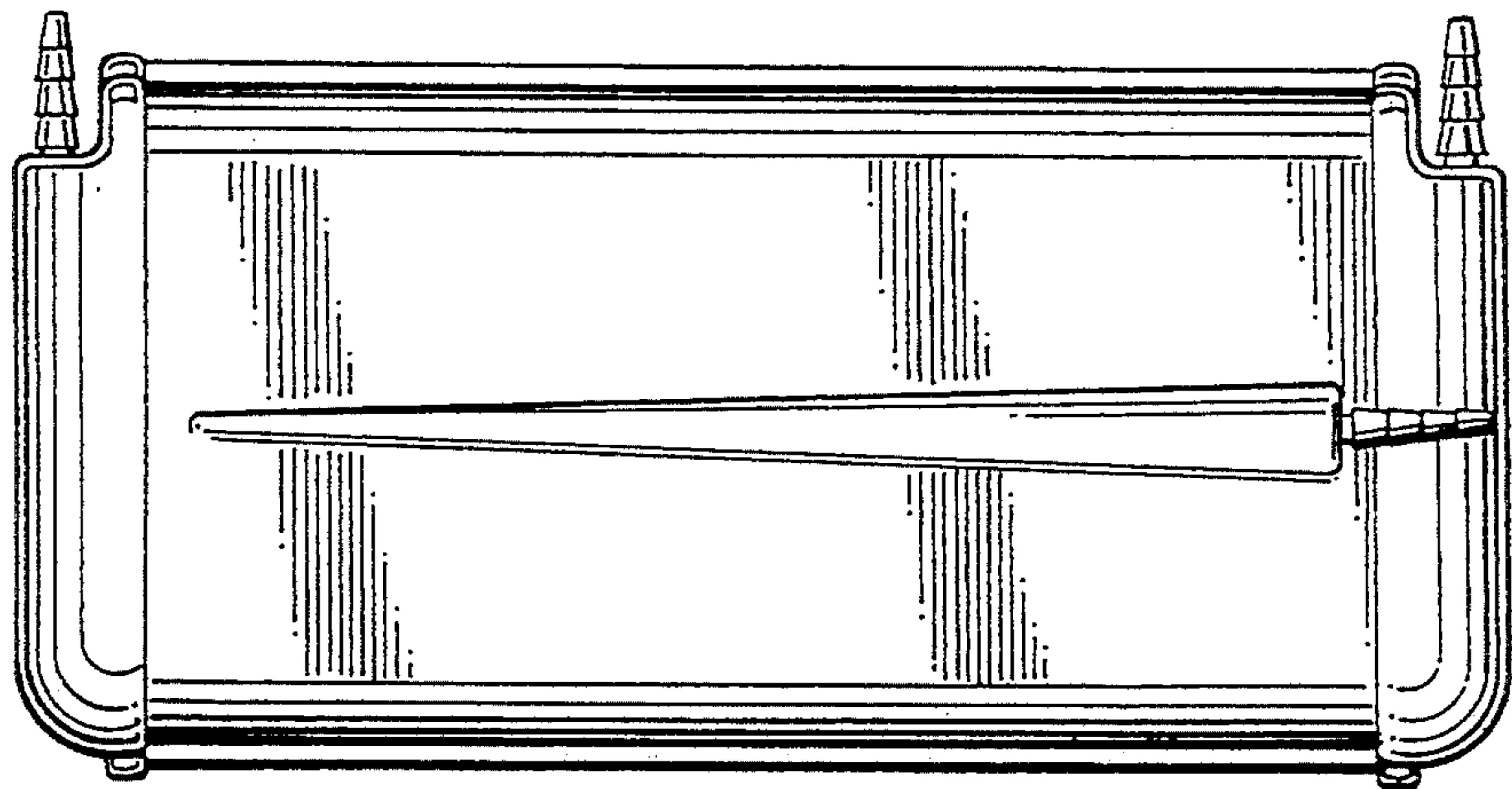


**Fig. 7**

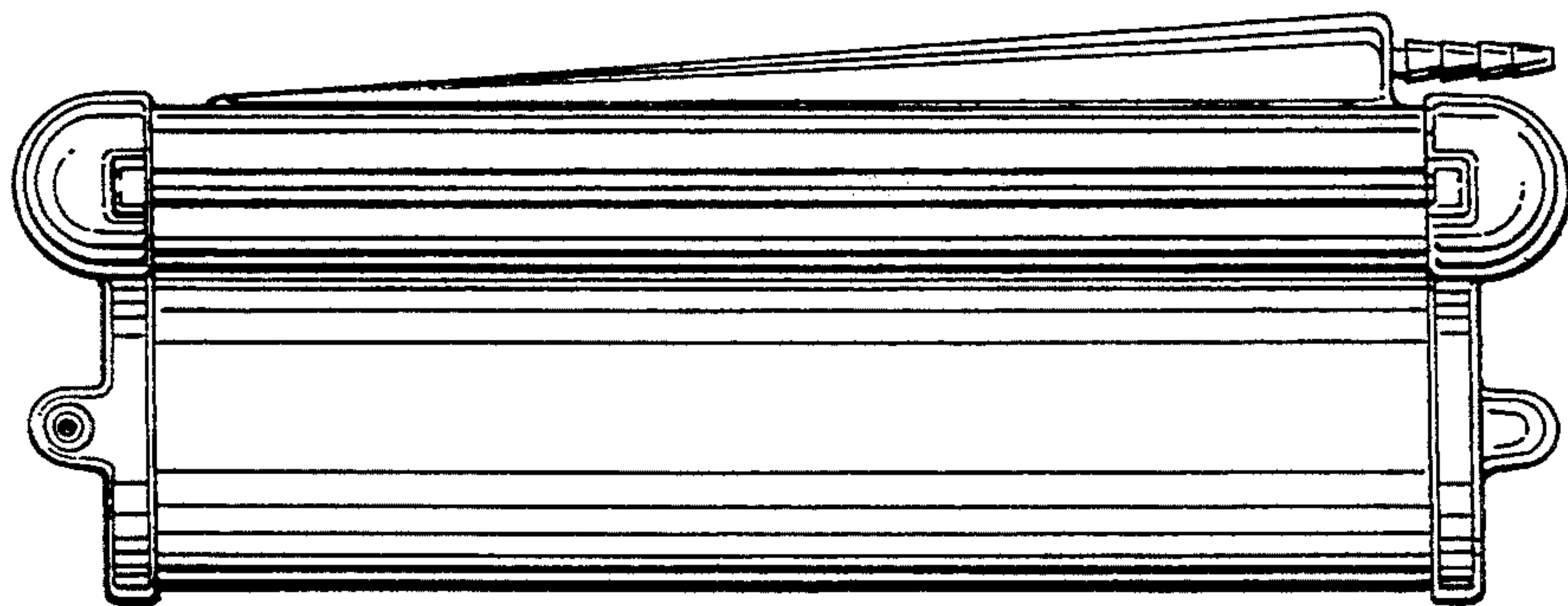




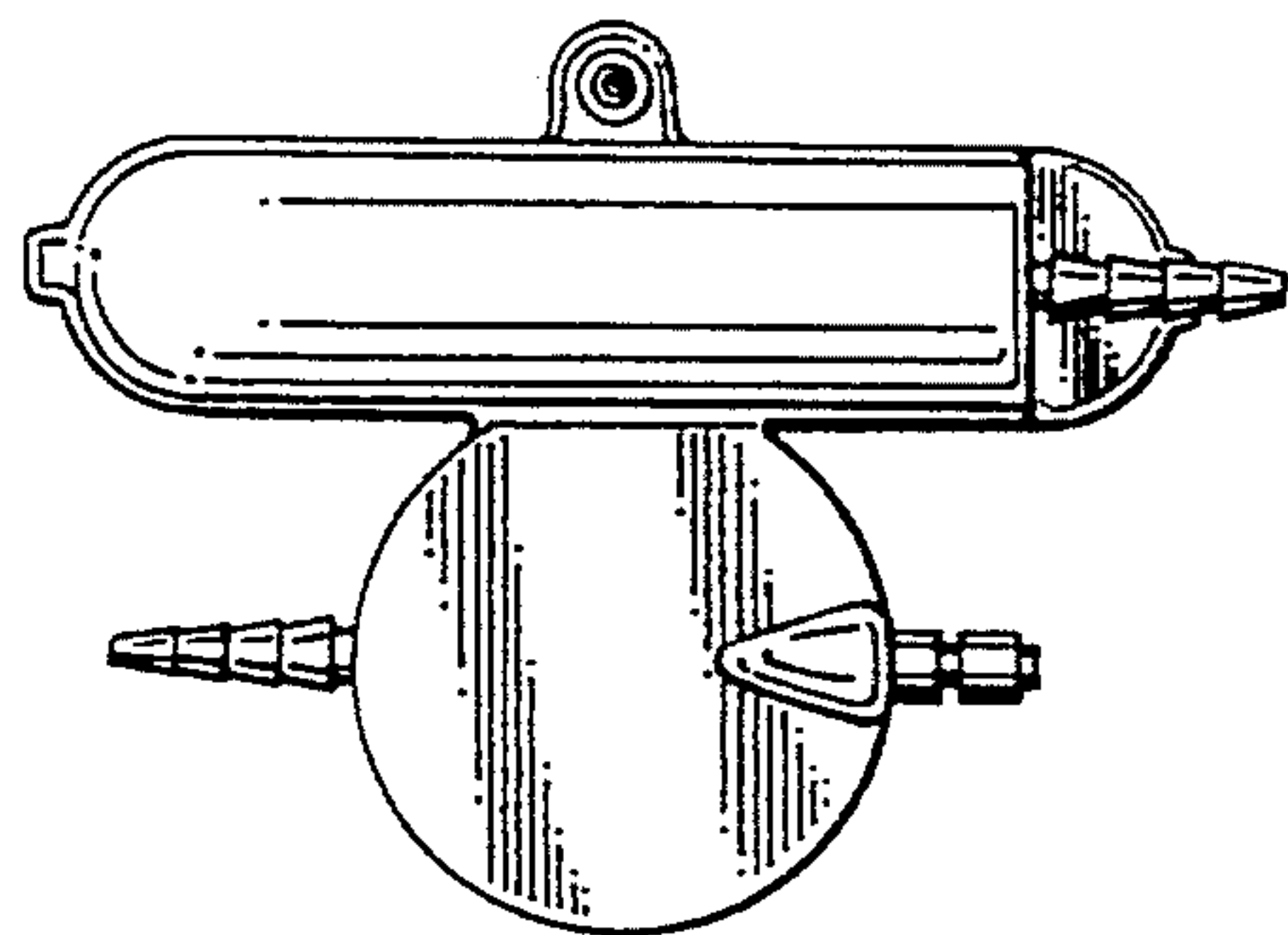
*Fig. 3*



*Fig. 4*



*Fig. 5*



*Fig. 6*

