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(12) **United States Design Patent**  
**Collins et al.**

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(54) **BLOOD PUMP CASSETTE, AIR TRAP AND FRONT PANEL ASSEMBLY FOR A PORTABLE HEMODIALYSIS SYSTEM**

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

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(51) **LOC (9) Cl.** ..... **24-02**

(52) **U.S. Cl.** ..... **D24/169; D24/111**

(58) **Field of Classification Search** ..... D24/111,  
D24/127-129, 133, 135, 138, 140, 145, 169,  
D24/191, 216-217, 223-225, 227; D10/30-32,  
D10/38, 57, 70, 78, 81, 98, 104; 606/87-88,  
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600/229; 417/395; 604/5.04, 6.01, 6.07-6.08;  
210/175, 246

See application file for complete search history.

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(57) **CLAIM**

The ornamental design for a blood pump cassette, air trap and front panel assembly for a portable hemodialysis system, as shown and described.

**DESCRIPTION**

FIG. 1 is a front, elevational view of a blood pump cassette, air trap and front panel assembly for a portable hemodialysis system;

FIG. 2 is an enlarged view of a portion of FIG. 1;

FIG. 3 is a front, left side perspective view of a front panel assembly in its environment, for a portable hemodialysis system;

FIG. 4 is an enlarged view of a portion of FIG. 3;

FIG. 5 is a front, right side perspective view of a front panel assembly in its environment, for a portable hemodialysis system;

FIG. 6 is an enlarged view of a portion of FIG. 5;

FIG. 7 is a left side elevational view of a front panel assembly in its environment, for a portable hemodialysis system;

FIG. 8 is an enlarged view of a portion of FIG. 7;

FIG. 9 is a right side elevational view of a front panel assembly in its environment, for a portable hemodialysis system;

FIG. 10 is an enlarged view of a portion of FIG. 9;

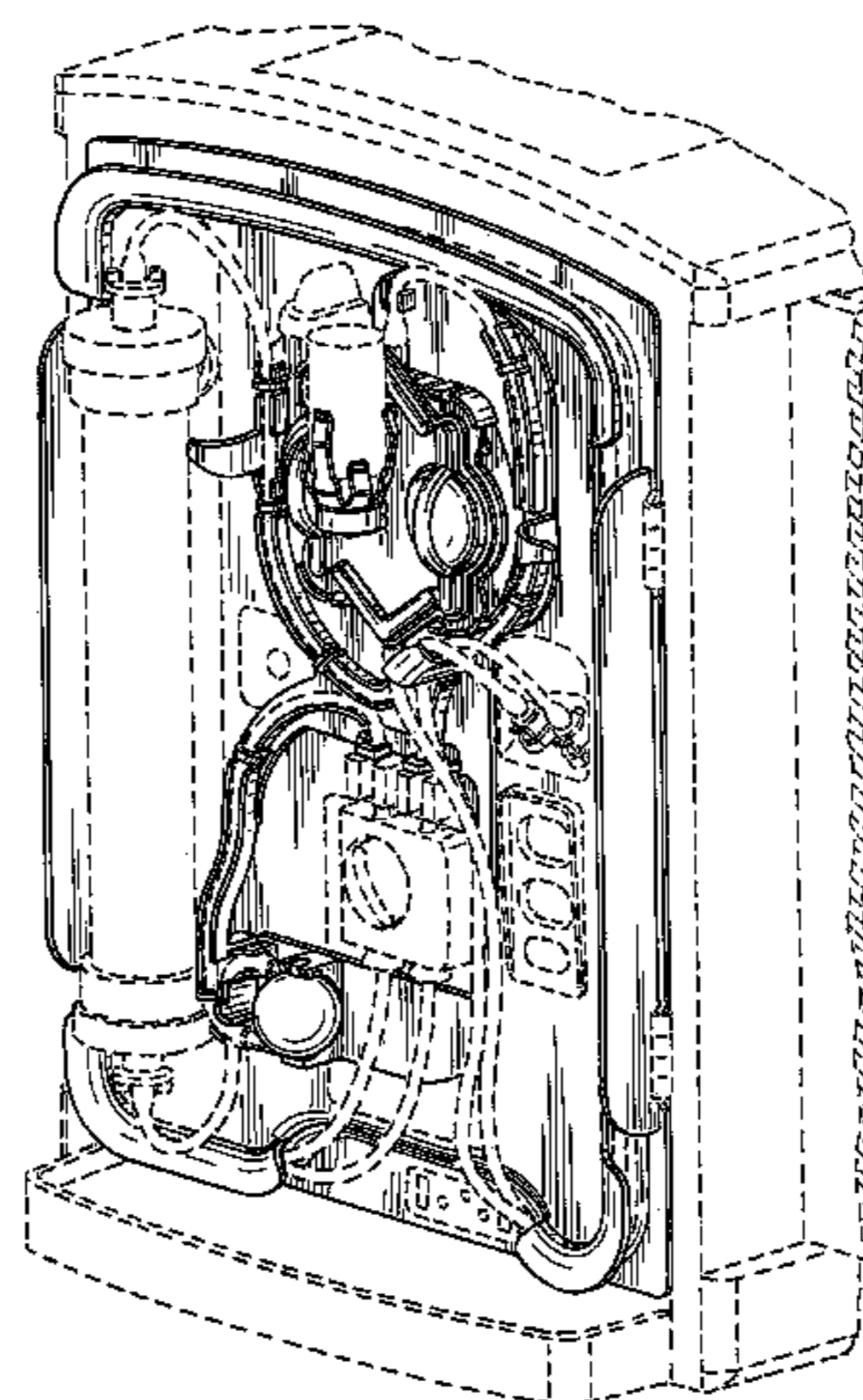
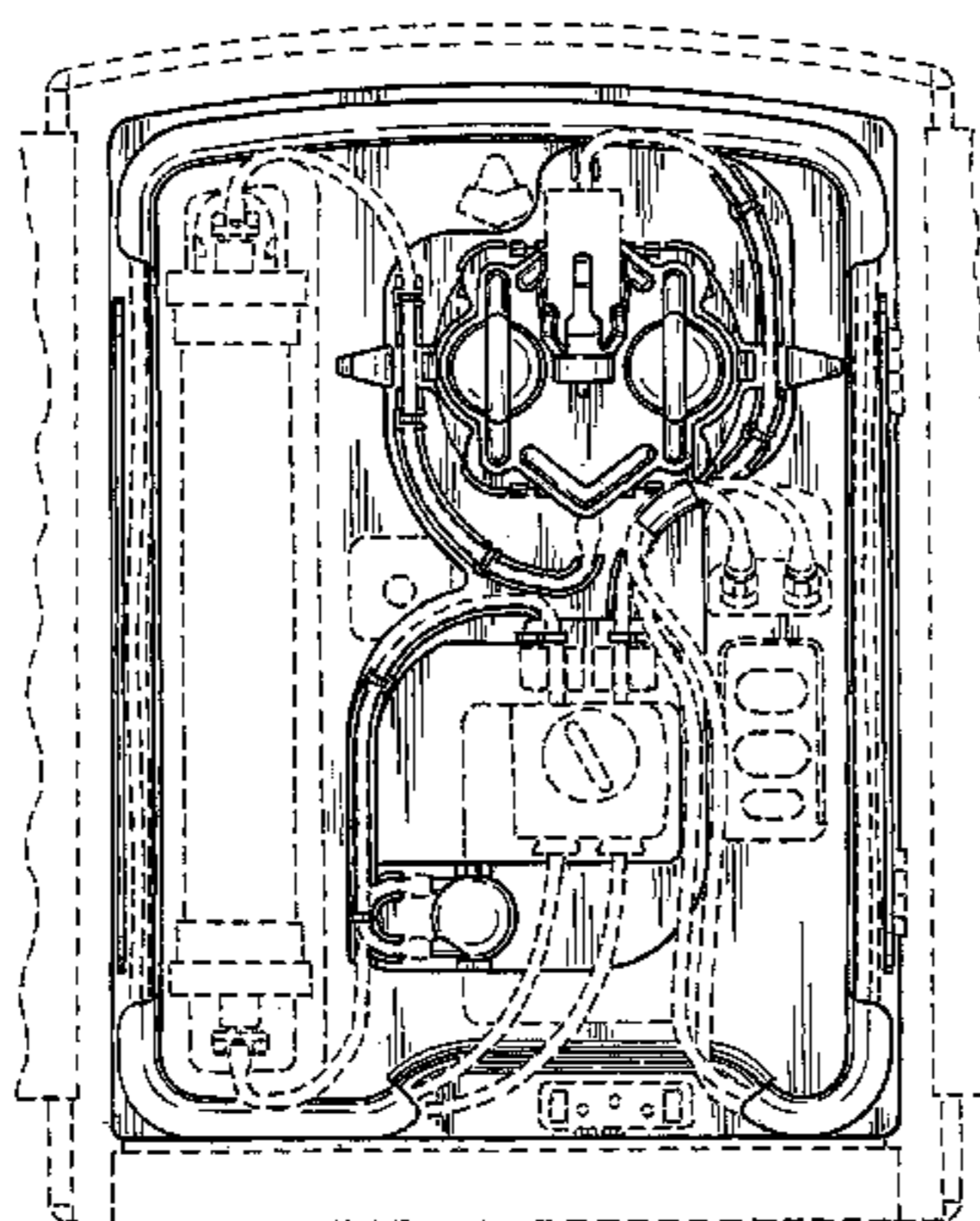
FIG. 11 is a top plan view, the bottom view being plain and need not be considered, of a front panel assembly in its environment, for a portable hemodialysis system; and,

FIG. 12 is an enlarged view of a portion of FIG. 11.

Only the portion of the blood pump cassette, air trap and front panel assembly in solid lines is claimed. Any portion of the figures shown in dashed line forms no part of the claimed invention.

The broken lines illustrate environmental structure and portions of the blood pump cassette, air trap and front panel assembly for a portable hemodialysis system which form no part of the claimed design.

**1 Claim, 12 Drawing Sheets**



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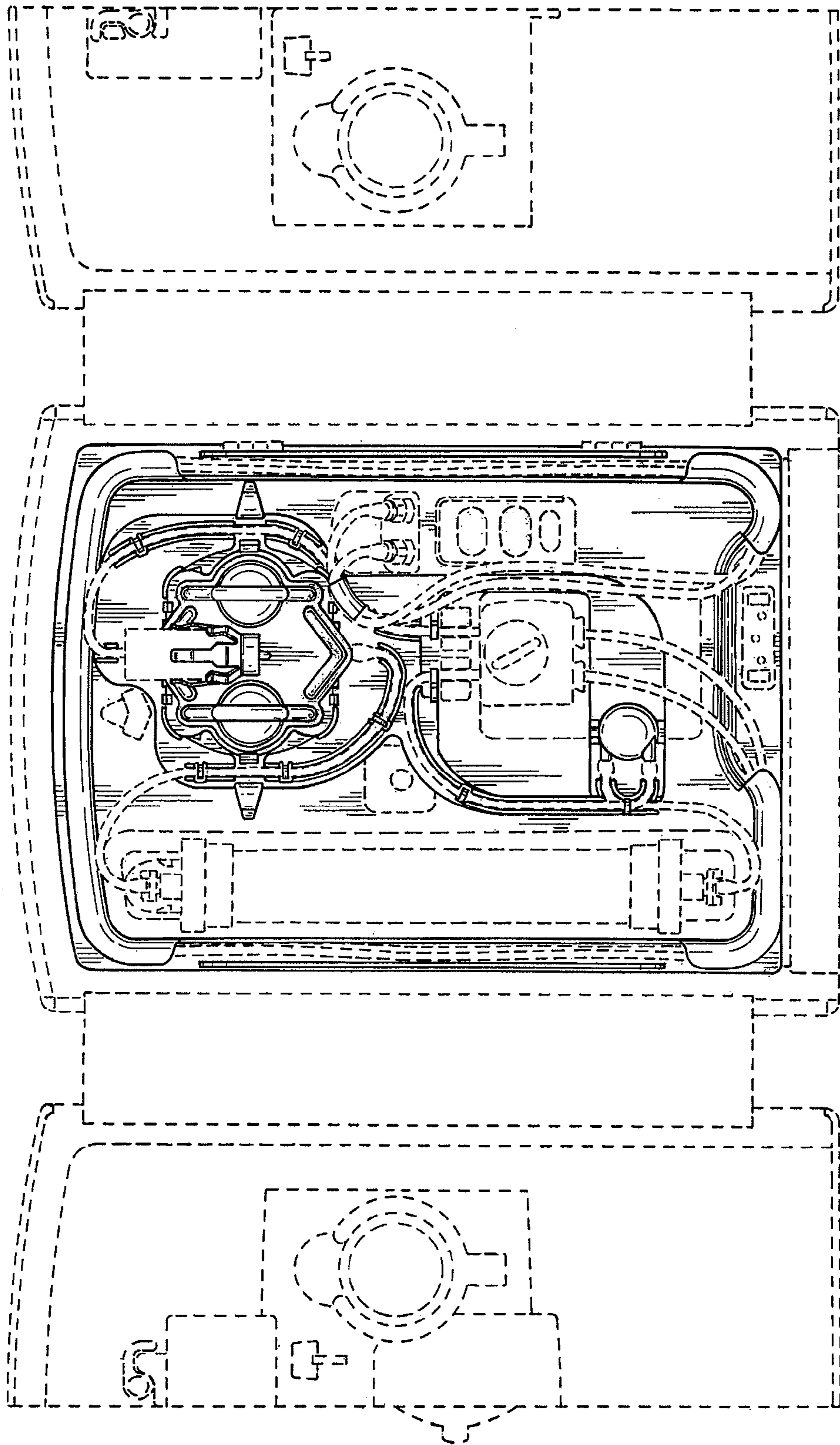
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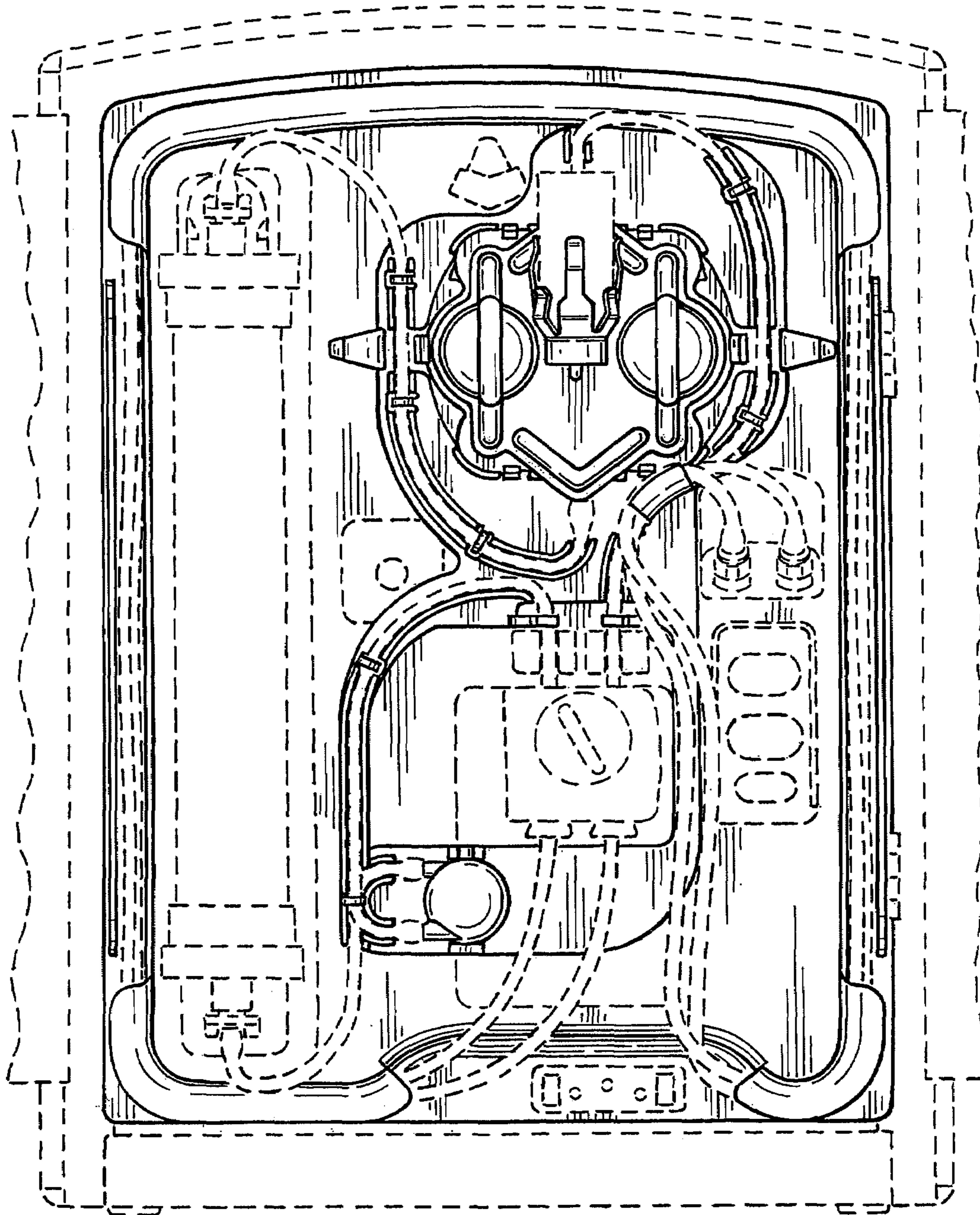
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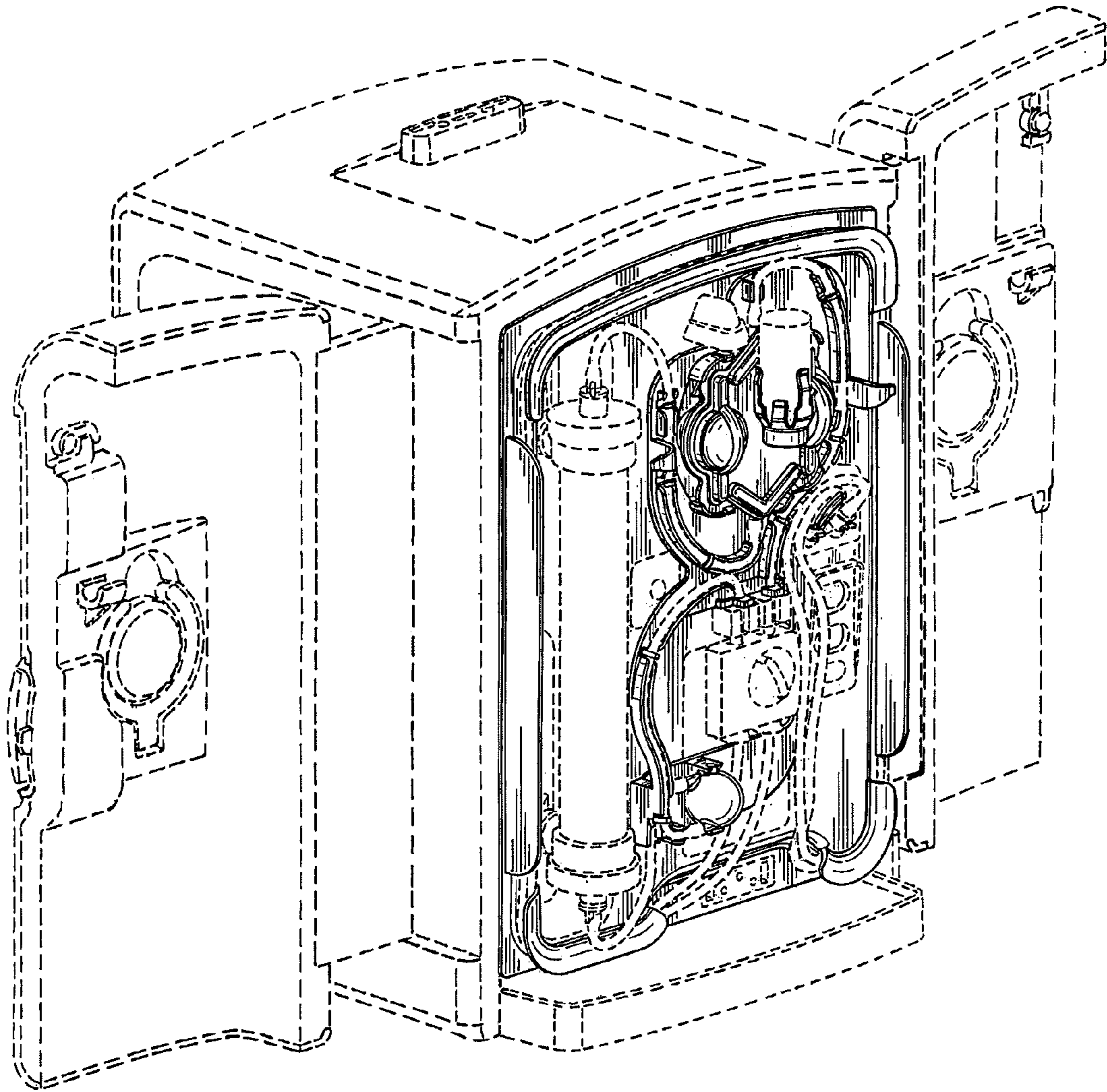
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*Fig. 1*



*Fig. 2*



*Fig. 3*

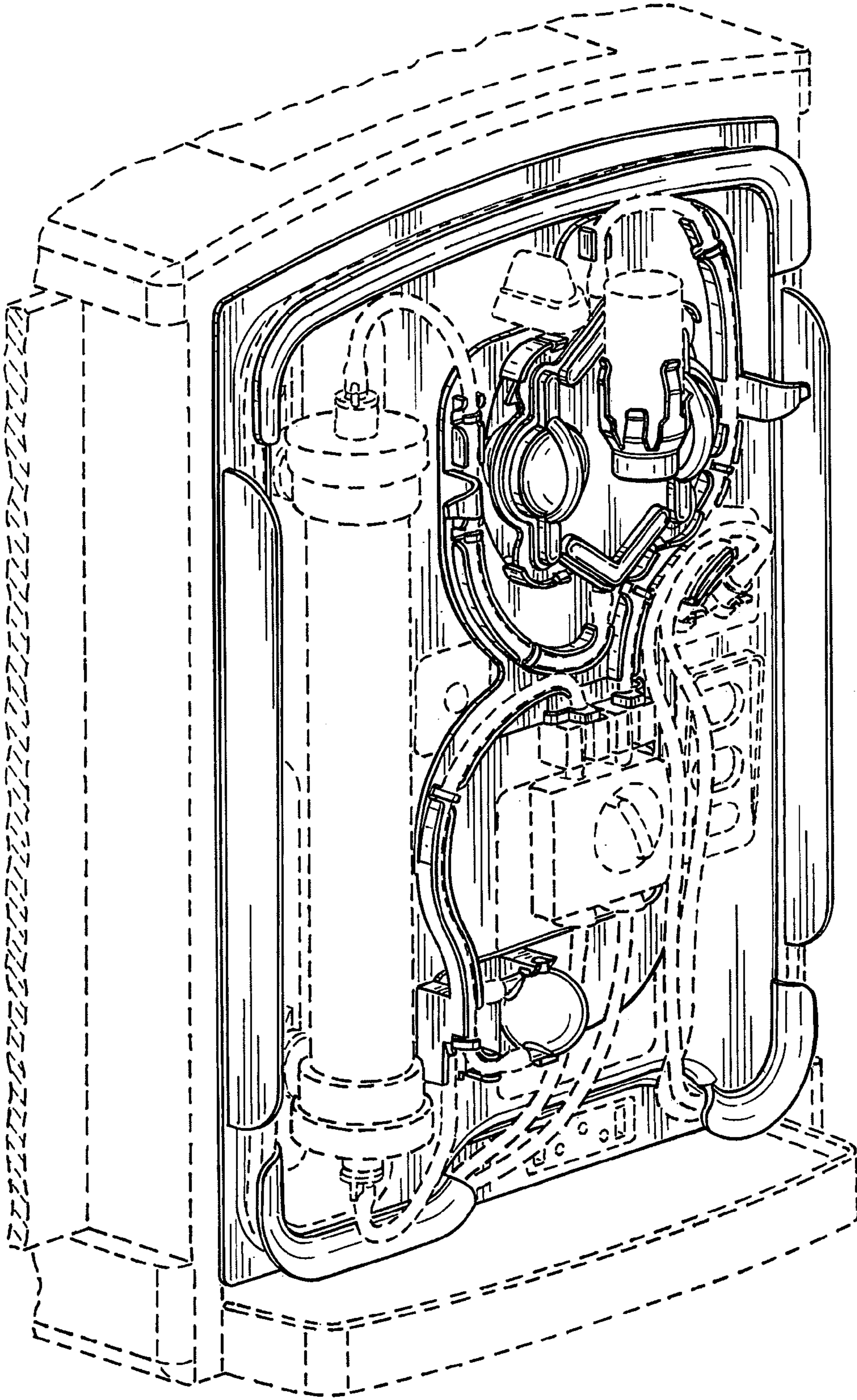
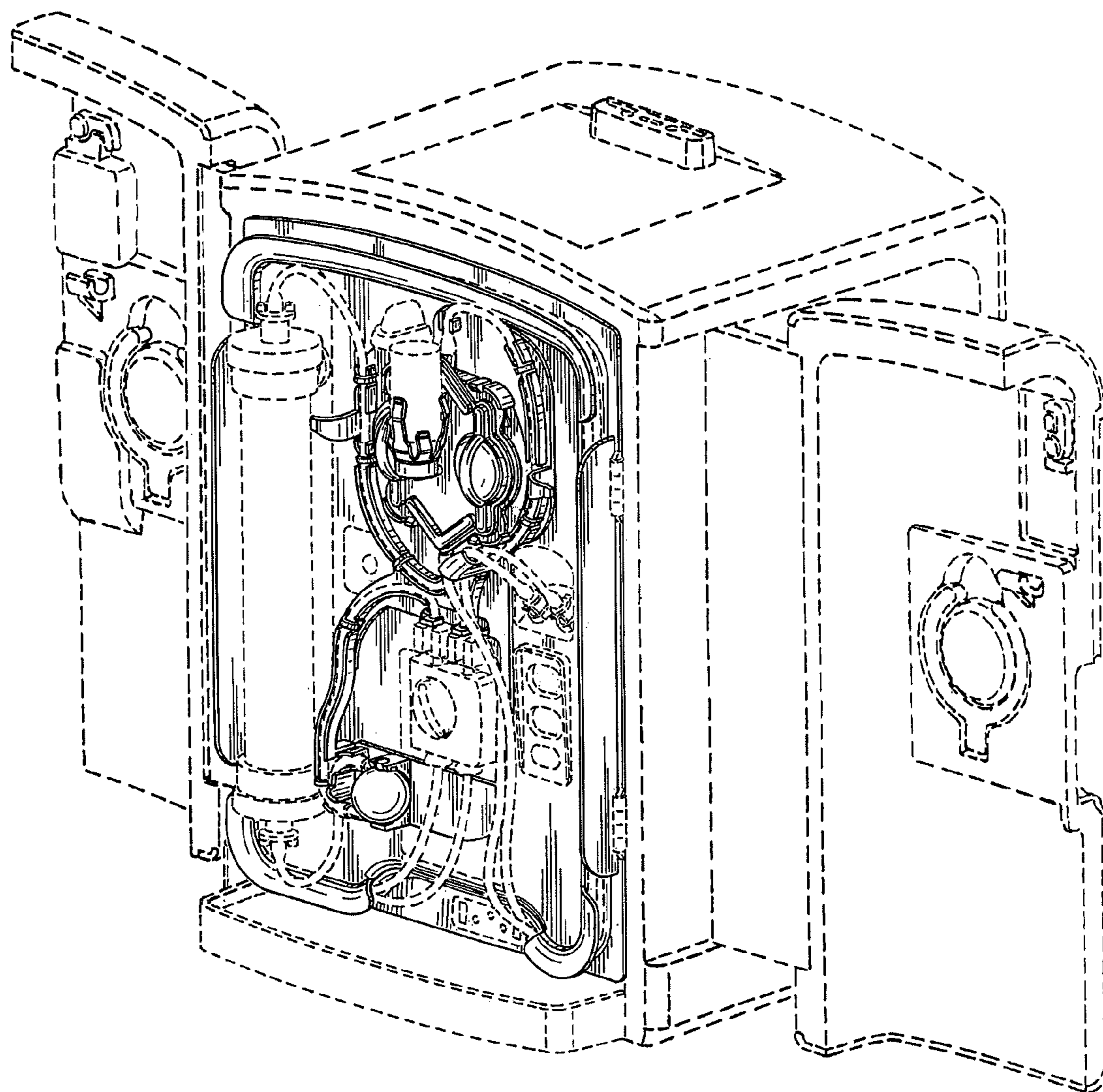
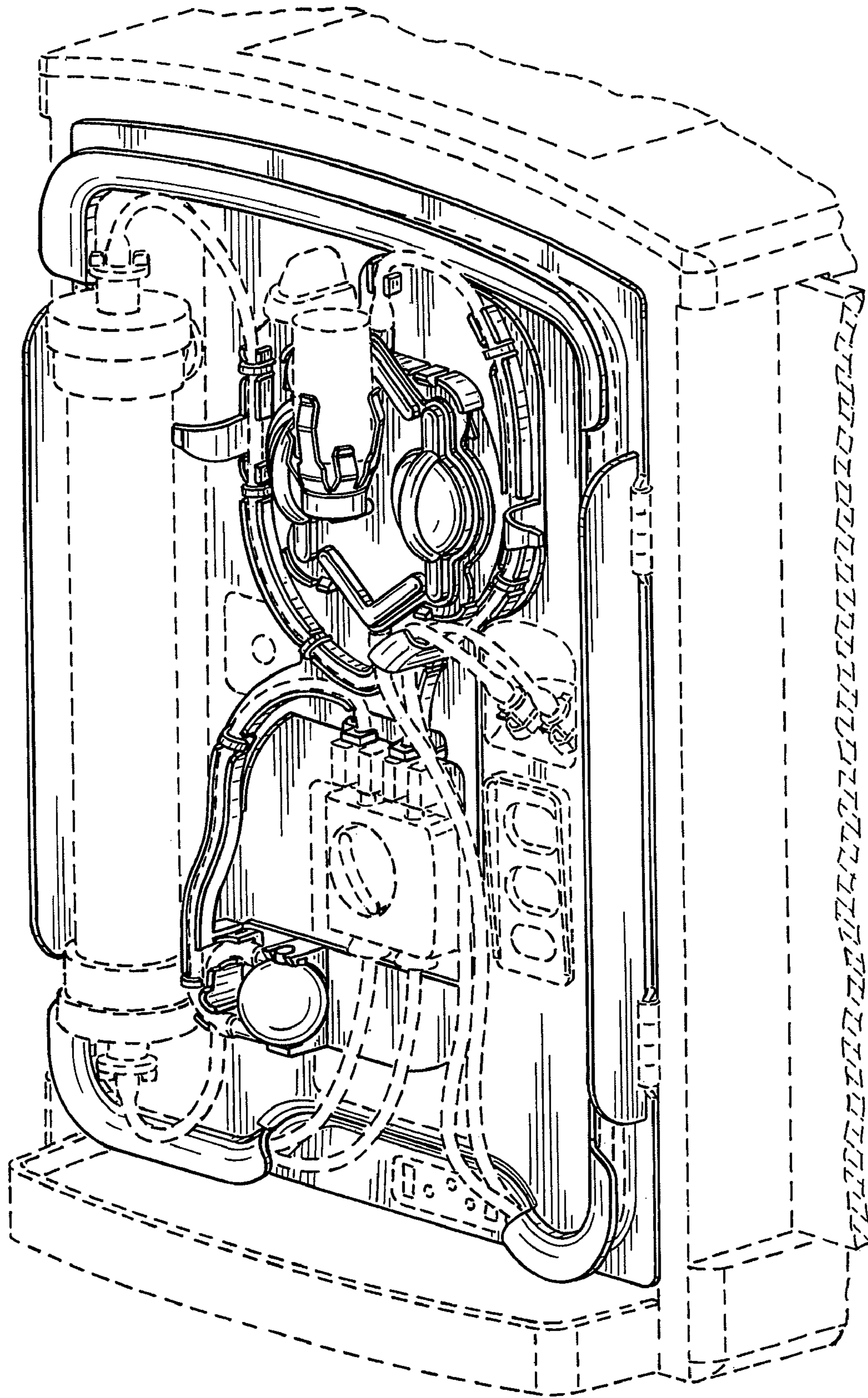


Fig. 4

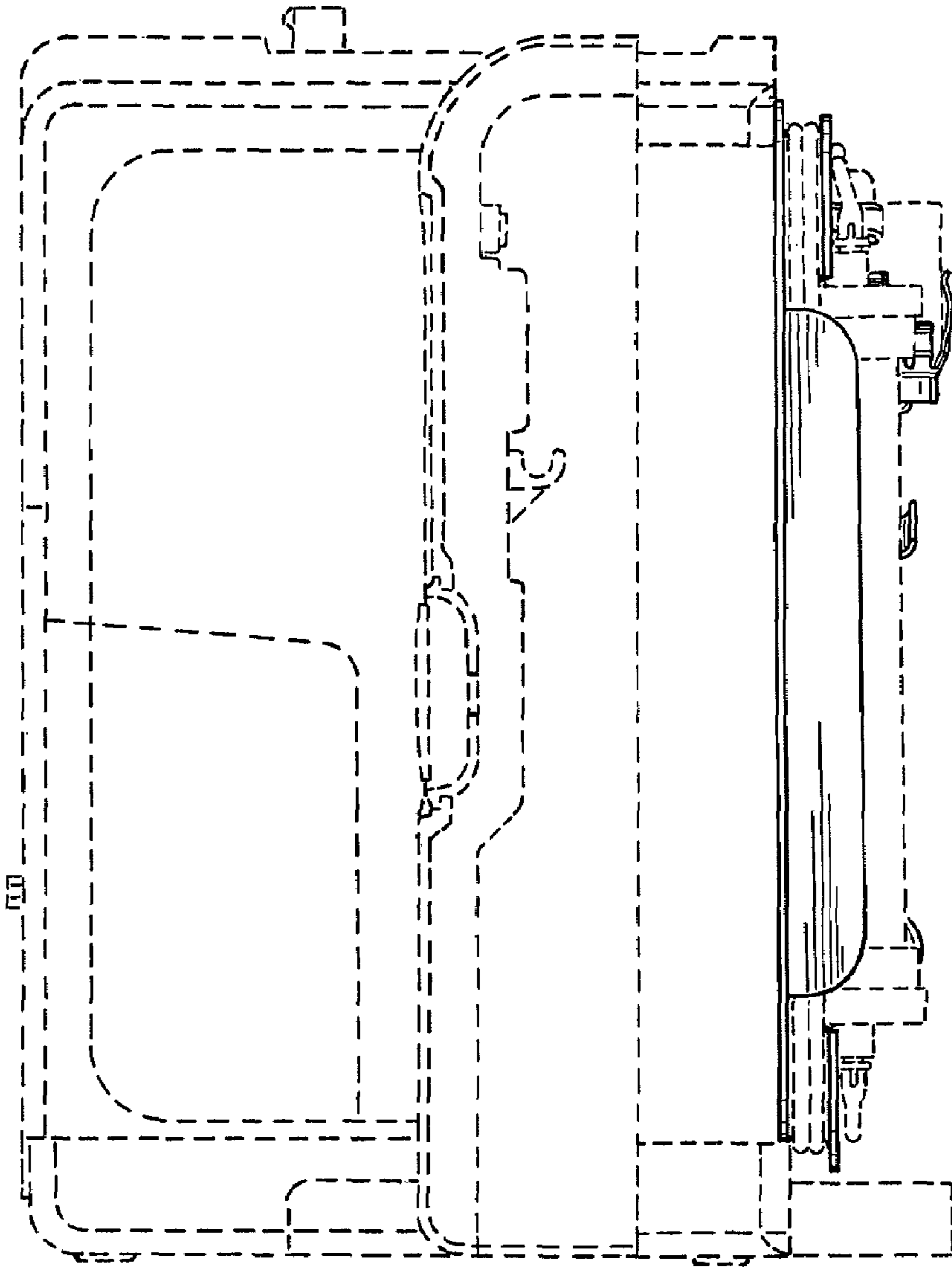


*Fig. 5*

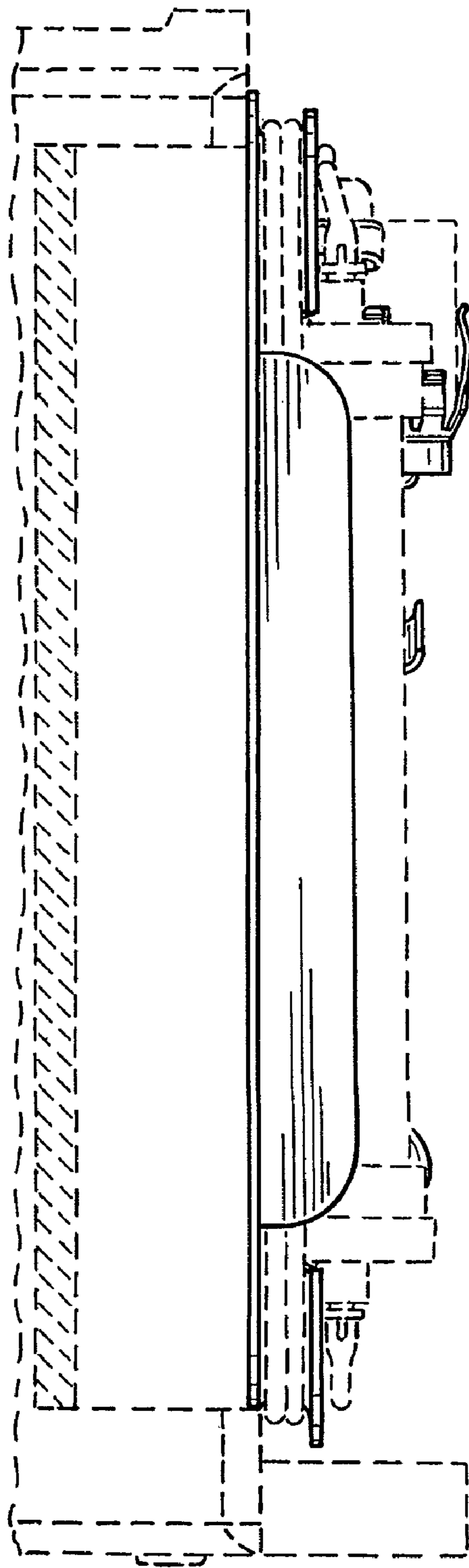


*Fig. 6*

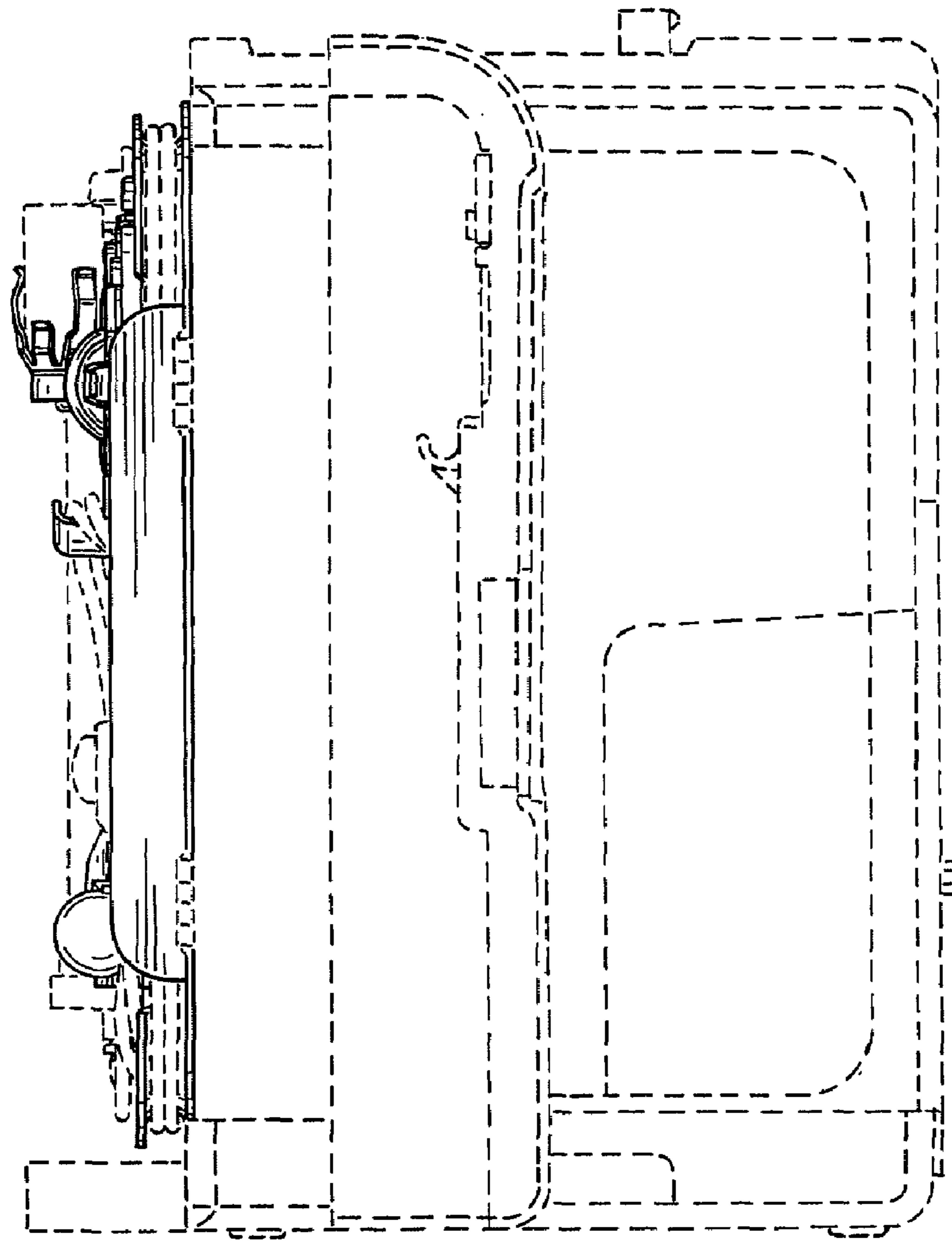




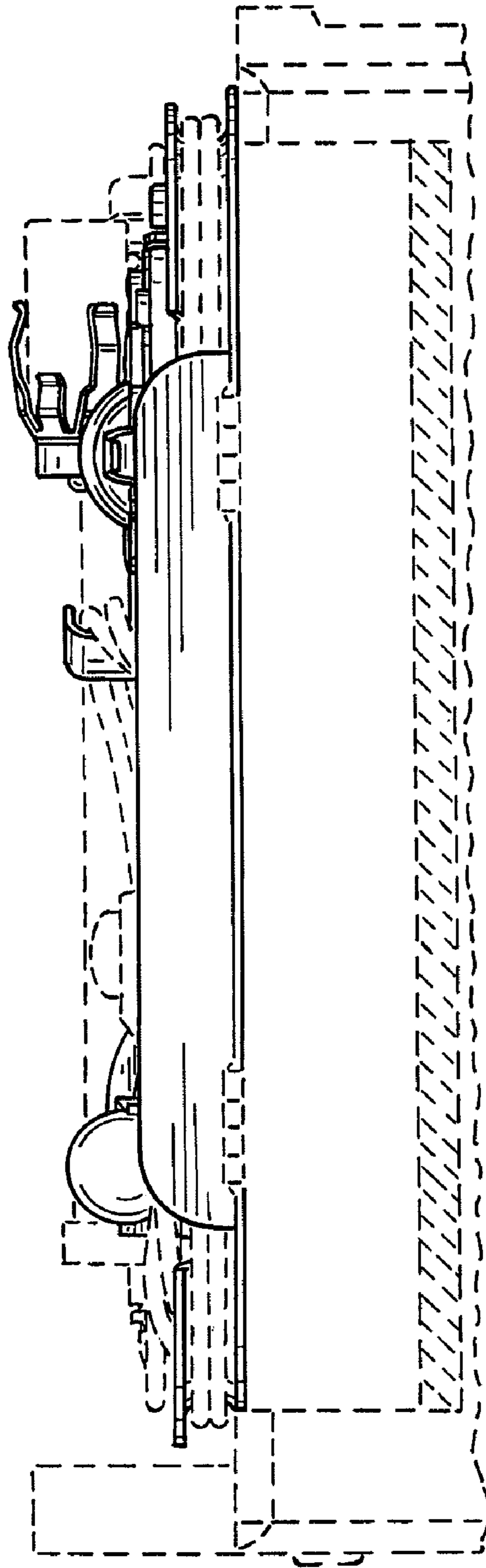
*Fig. 7*



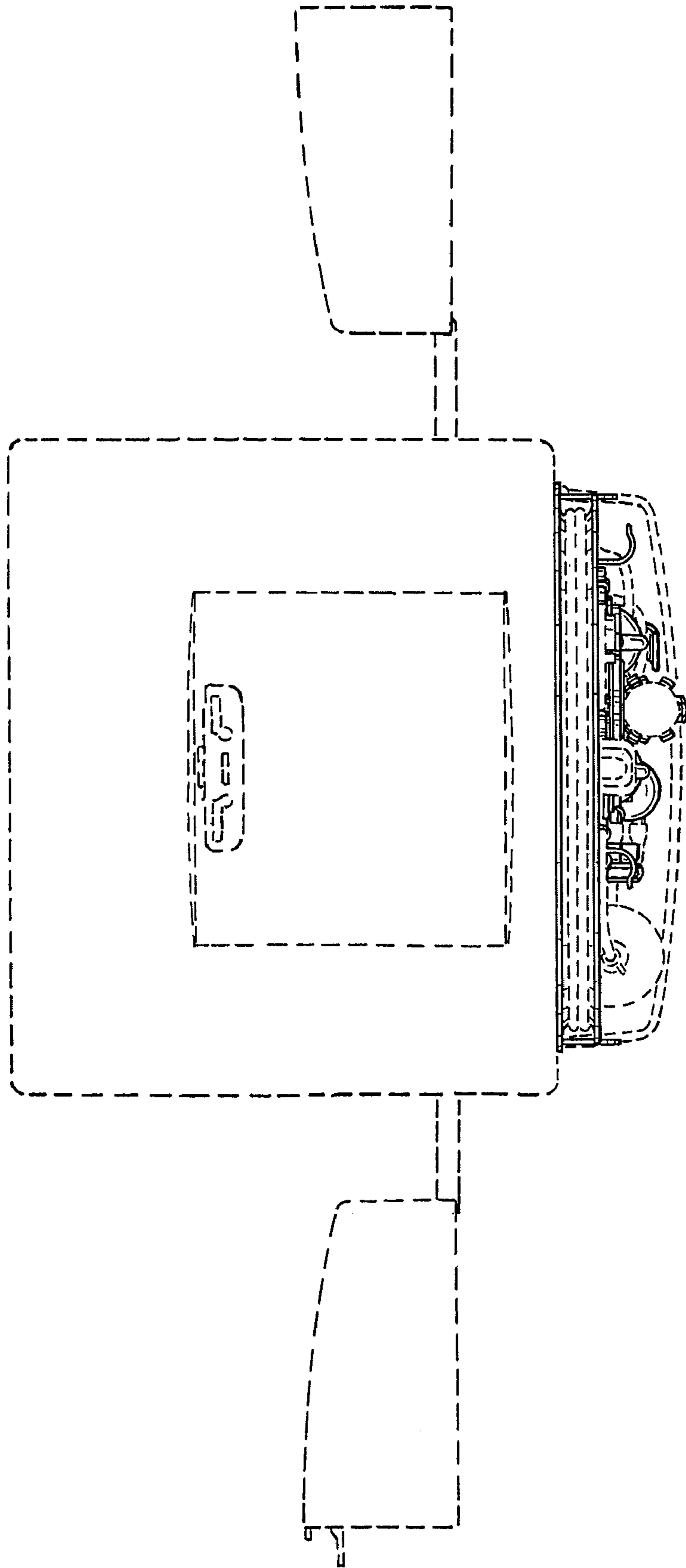
*Fig. 8*



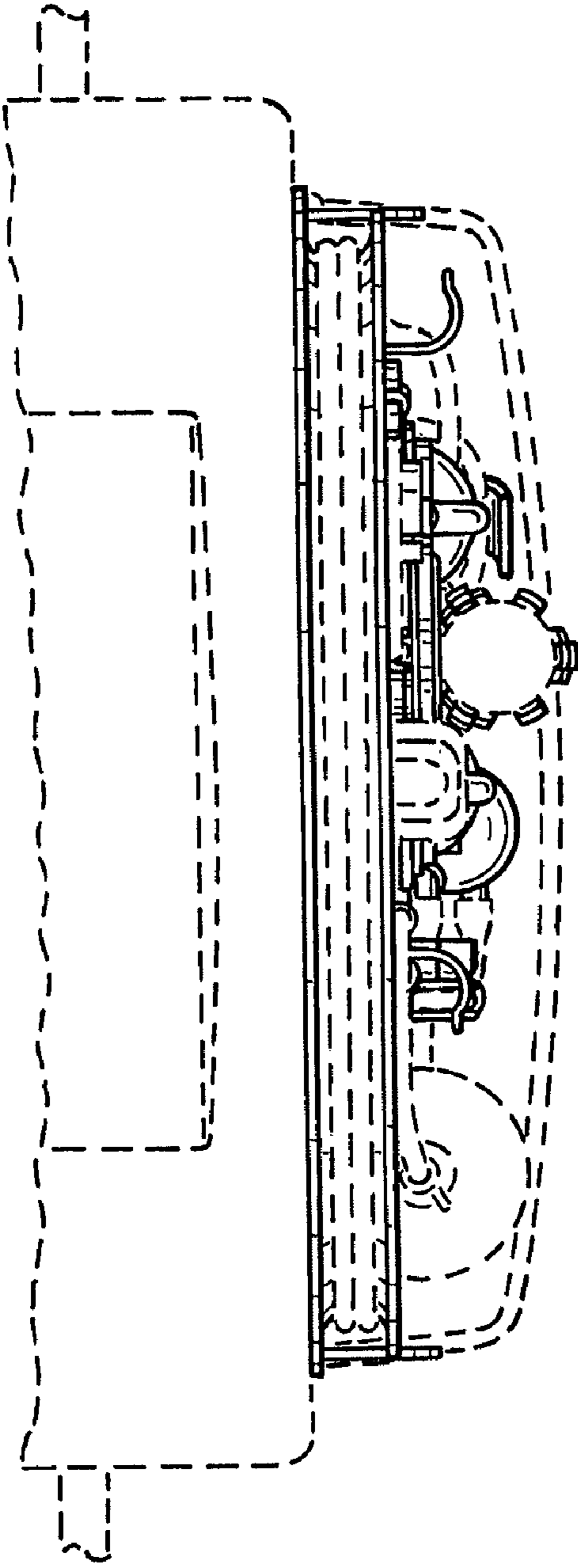
*Fig. 9*



*Fig. 10*



*Fig. 11*



*Fig. 12*