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

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(54) **BLOOD CIRCUIT ASSEMBLY**

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

(21) Appl. No.: **29/323,528**

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

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

(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,
606/96, 102–103, 142, 151, 157–158, 213;
600/229; 417/395; 604/5.04, 6.01, 6.07–6.08;
210/175, 246

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D271,801 S * 12/1983 Preussner D24/169
(Continued)

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(74) *Attorney, Agent, or Firm*—Wolf, Greenfield & Sacks,
P.C.

(57) **CLAIM**

The ornamental design for a blood circuit assembly, as shown
and described.

DESCRIPTION

FIG. 1 is a front, elevational view of a blood circuit assembly
in its environment;

FIG. 2 is a front, elevational view of the blood circuit assem-
bly as shown in FIG. 1 by itself on an enlarged scale;

FIG. 3 is a left side elevational view of the blood circuit
assembly as shown in FIG. 1 by itself on an enlarged scale;

FIG. 4 is a right side elevational view of the blood circuit
assembly as shown in FIG. 1 by itself on an enlarged scale;

FIG. 5 is a top plan view of the blood circuit assembly as
shown in FIG. 1 by itself on an enlarged scale;

FIG. 6 is a bottom plan view of the blood circuit assembly as
shown in FIG. 1 by itself on an enlarged scale;

FIG. 7 is a rear elevational view of the blood circuit assembly
as shown in FIG. 1 by itself on an enlarged scale;

FIG. 8 is a top, front, right side perspective view of the blood
circuit assembly as shown in FIG. 1 by itself on an enlarged
scale;

FIG. 9 is a top, rear, left side perspective view of the blood
circuit assembly as shown in FIG. 1 by itself on an enlarged
scale;

FIG. 10 is a top, front, right side perspective view of the
mounting plate component of the blood circuit assembly
shown with the blood pump and air trap removed;

FIG. 11 is a front elevational view of the mounting plate
component of the blood circuit assembly shown with the
blood pump and air trap removed;

FIG. 12 is a rear elevational view of the mounting plate
component of the blood circuit assembly shown with the
blood pump and air trap removed;

FIG. 13 is a left side elevational view of the mounting plate
component of the blood circuit assembly shown with the
blood pump and air trap removed;

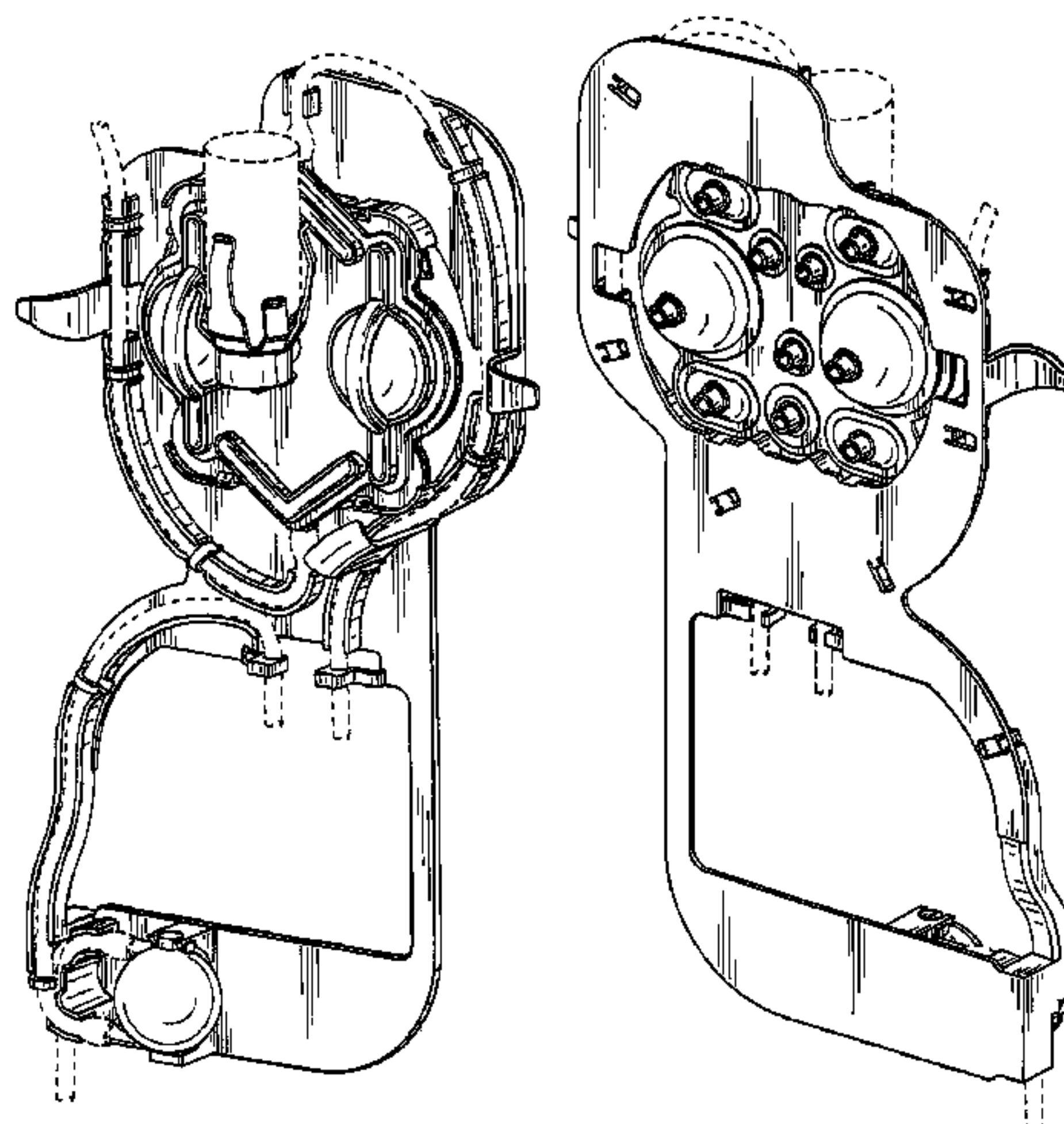
FIG. 14 is a right side elevational view of the mounting plate
component of the blood circuit assembly shown with the
blood pump and air trap removed;

FIG. 15 is a top plan view of the mounting plate component of
the blood circuit assembly shown with the blood pump and air
trap removed; and,

FIG. 16 is a bottom plan view of the mounting plate compo-
nent of the blood circuit assembly shown with the blood pump
and air trap removed.

The broken lines illustrate environmental structure and por-
tions of the blood circuit assembly which form no part of the
claimed design.

1 Claim, 14 Drawing Sheets



U.S. PATENT DOCUMENTS							
4,479,761	A *	10/1984	Bilstad et al.	417/395	2002/0009386	A1 *	1/2002 Lindsay 422/45
4,479,762	A *	10/1984	Bilstad et al.	417/395	2007/0253463	A1	11/2007 Perry et al.
4,637,813	A *	1/1987	DeVries	604/6.01	2007/0258856	A1 *	11/2007 Olsen et al. 422/45
D299,533	S *	1/1989	Blanco	D24/169	2008/0058697	A1	3/2008 Kamen et al.
D350,823	S *	9/1994	Lanigan	D24/111	2008/0175719	A1	7/2008 Tracey et al.
D471,640	S *	3/2003	McMichael et al.	D24/229	2008/0208103	A1	8/2008 Demers et al.
6,811,749	B2 *	11/2004	Lindsay	422/45	2009/0008331	A1	1/2009 Wilt et al.
D556,909	S *	12/2007	Reihanifam et al.	D24/169	2009/0105629	A1 *	4/2009 Grant et al. 604/5.04
D579,553	S *	10/2008	Crnkovich et al.	D24/111	2009/0107335	A1	4/2009 Wilt et al.
7,465,285	B2 *	12/2008	Hutchinson et al.	604/6.08	2009/0114582	A1 *	5/2009 Grant et al. 210/175
					* cited by examiner		

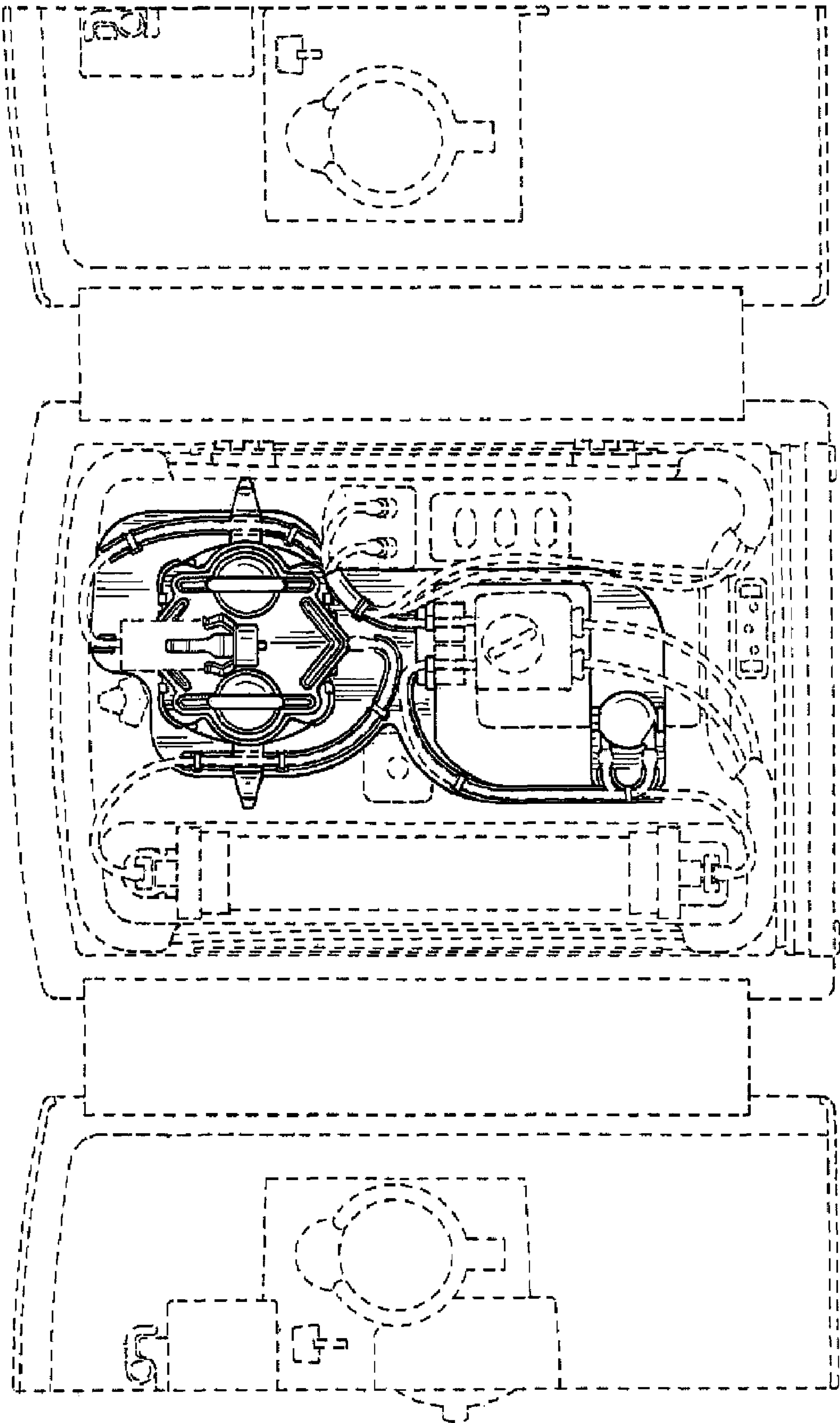


Fig. 1

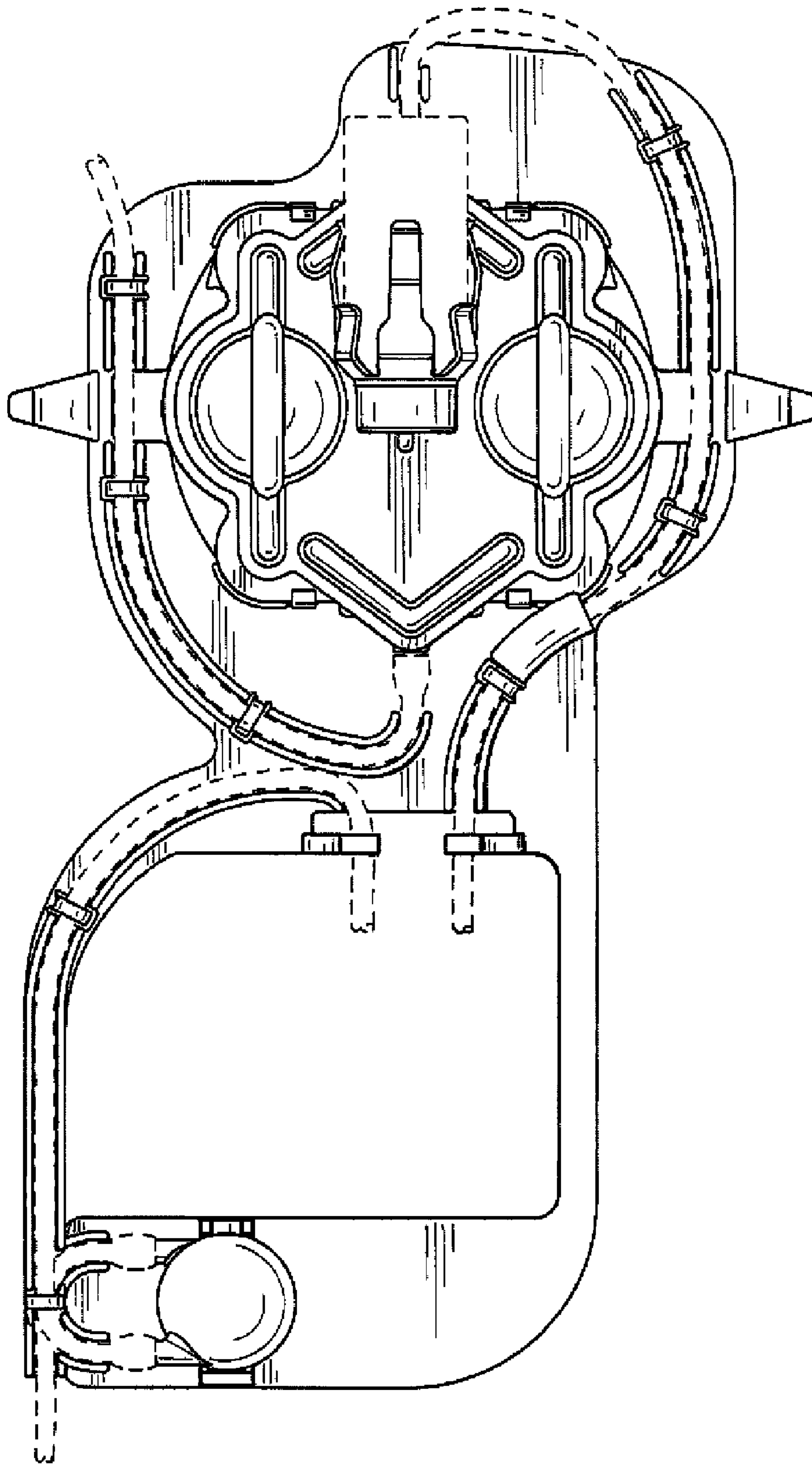


Fig. 2

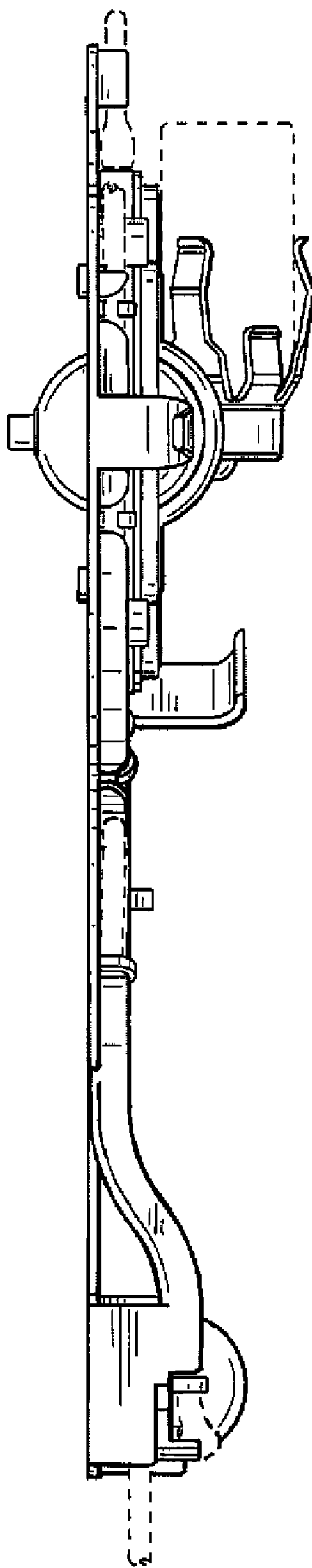


Fig. 3

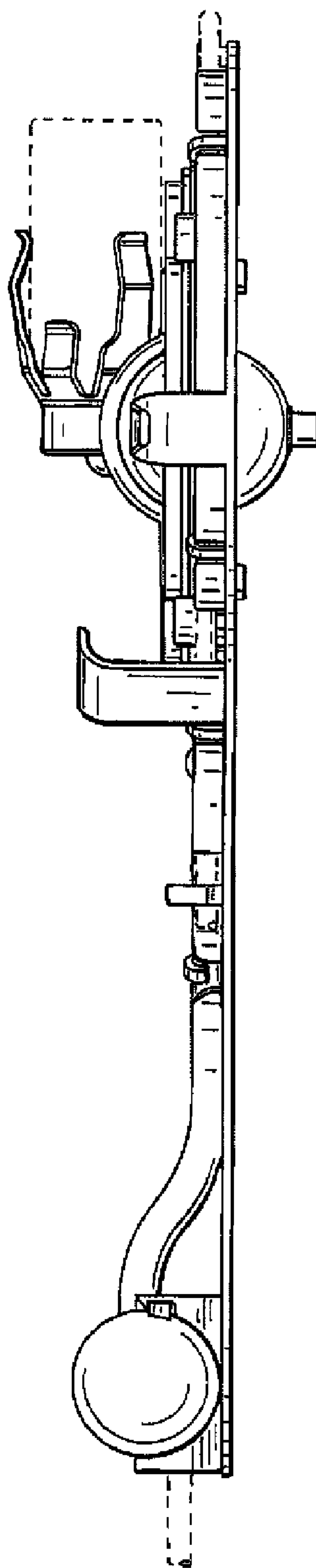


Fig. 4

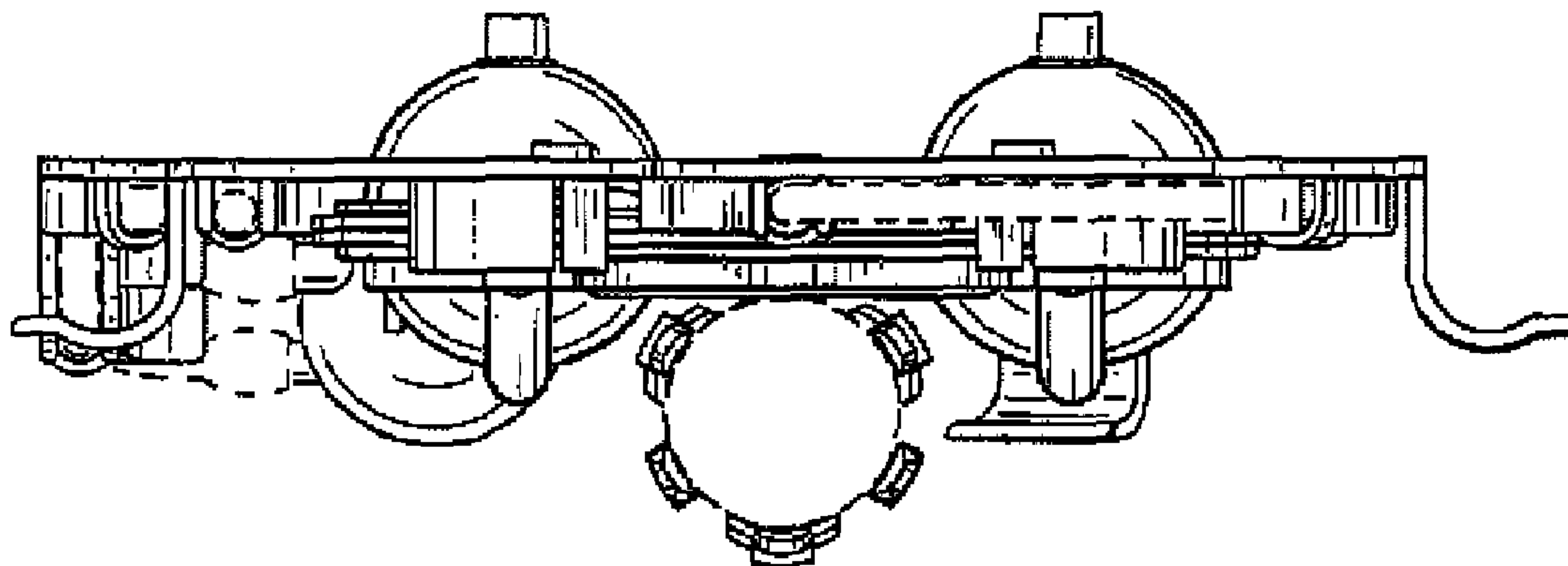


Fig. 5

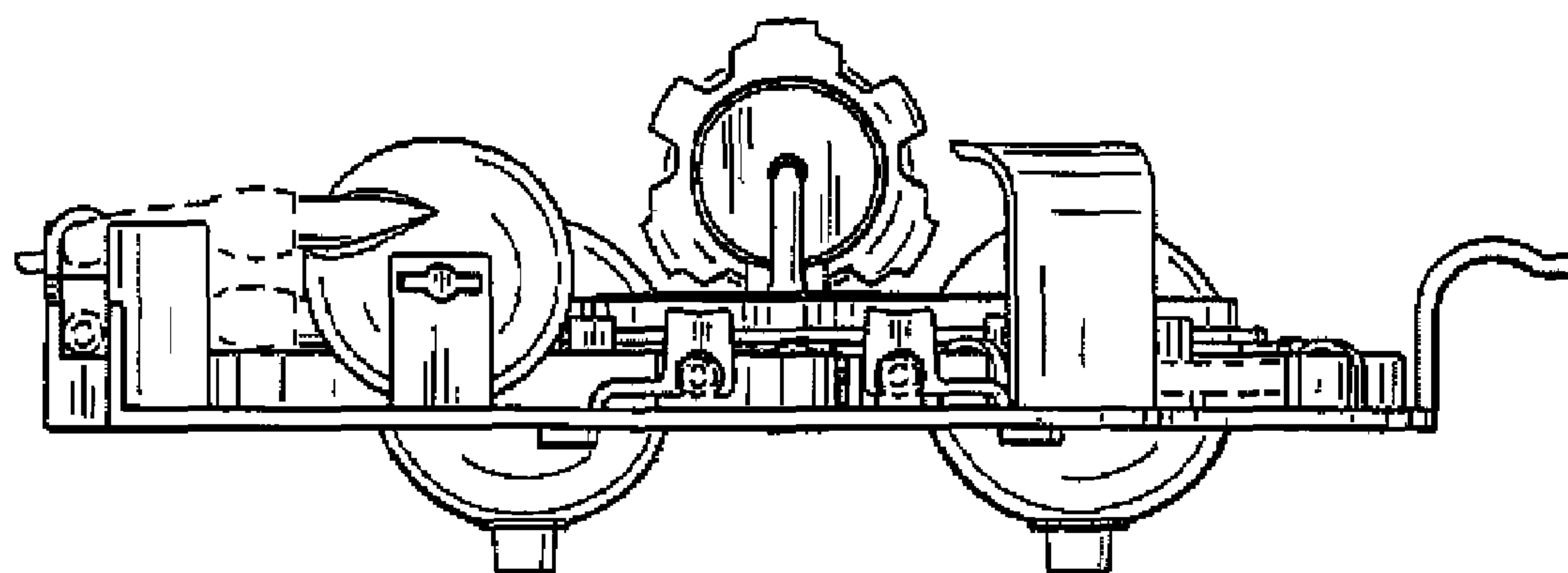


Fig. 6

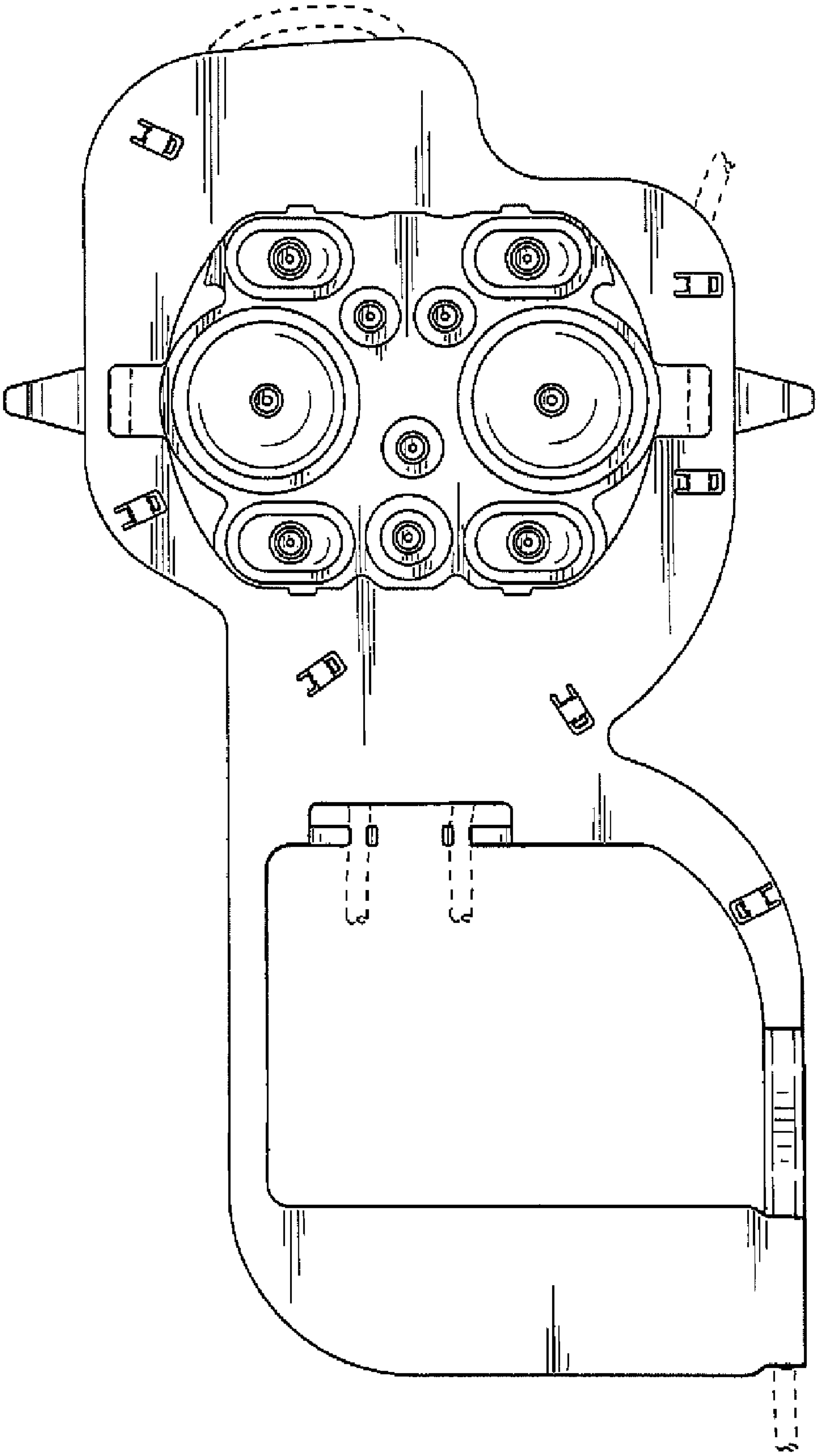


Fig. 7

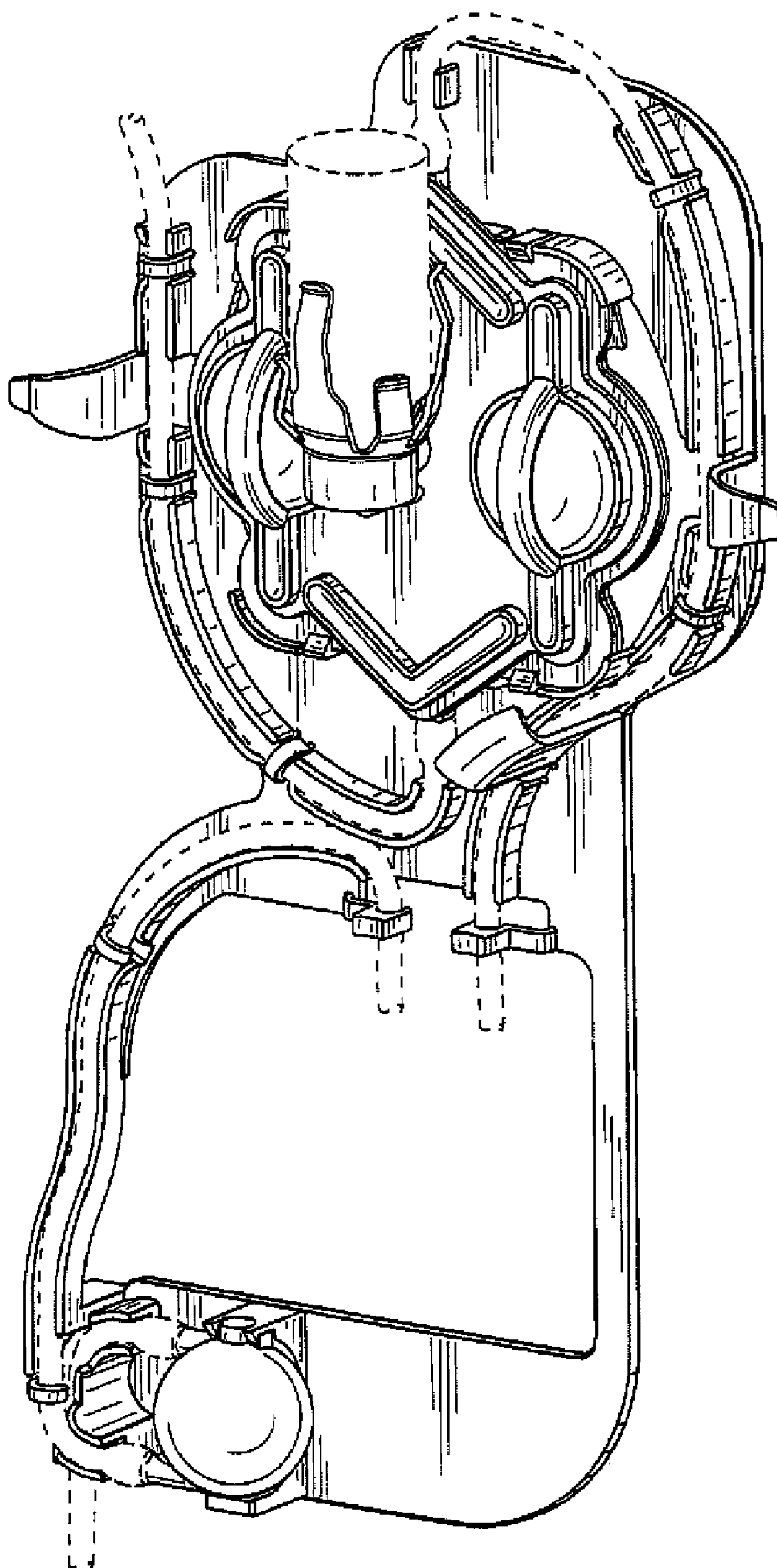


Fig. 8

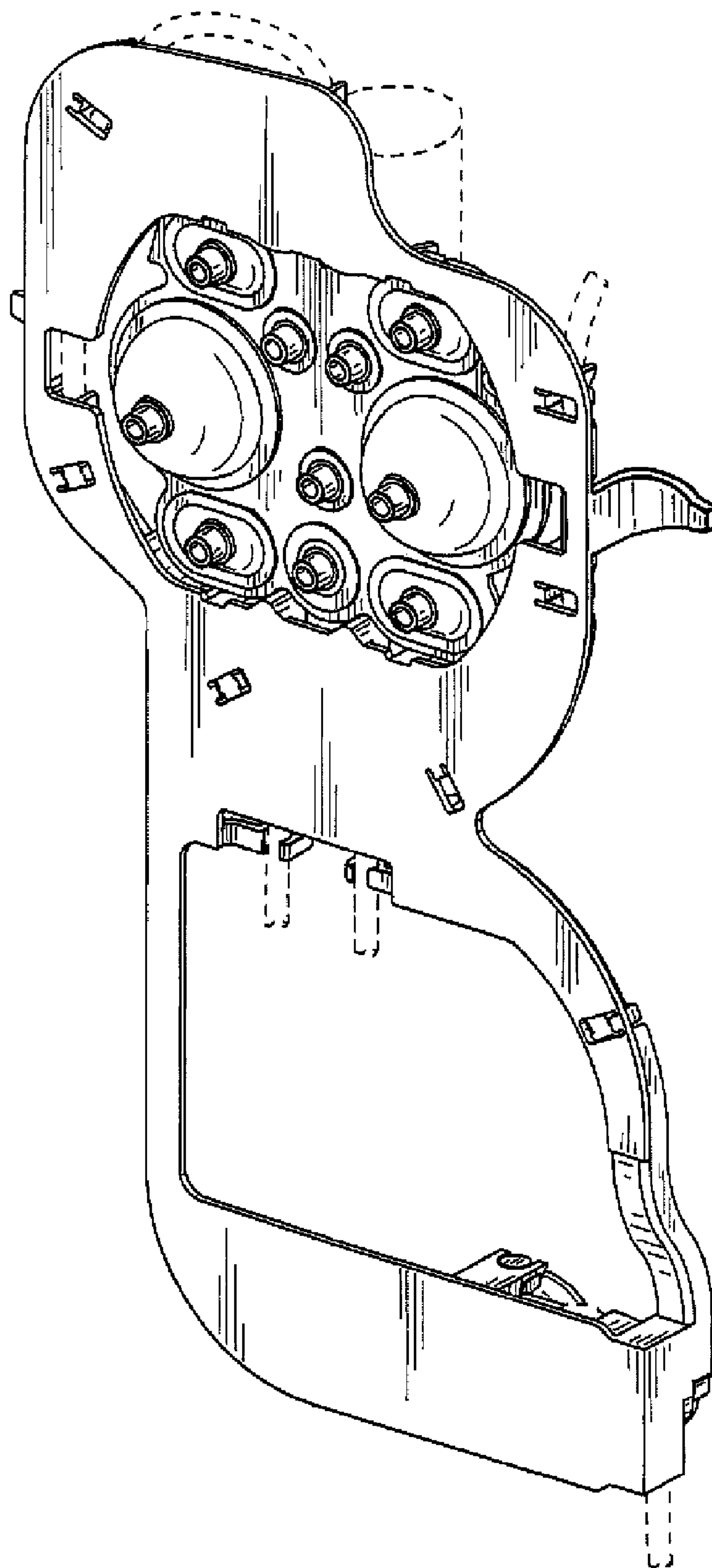


Fig. 9

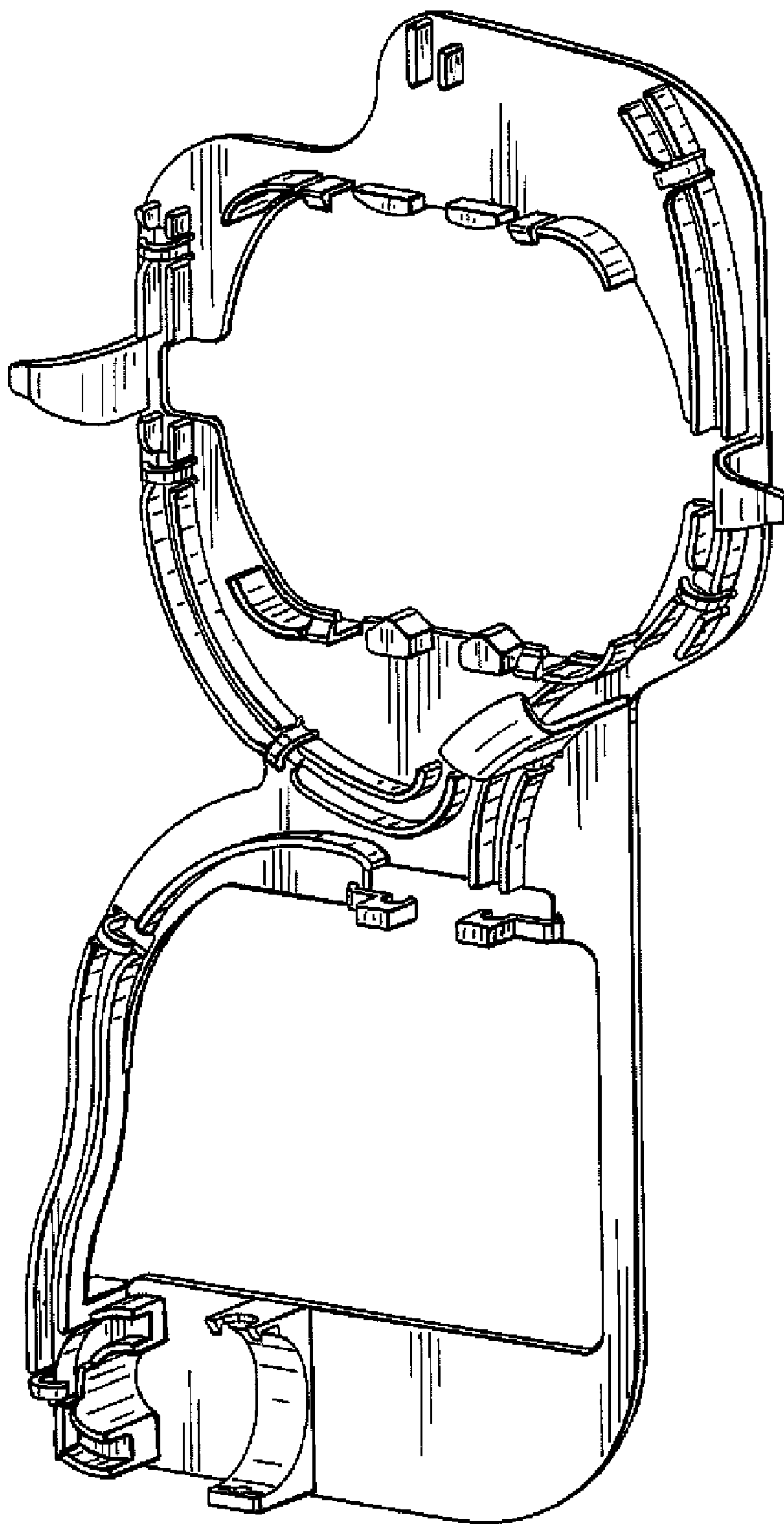


Fig. 10

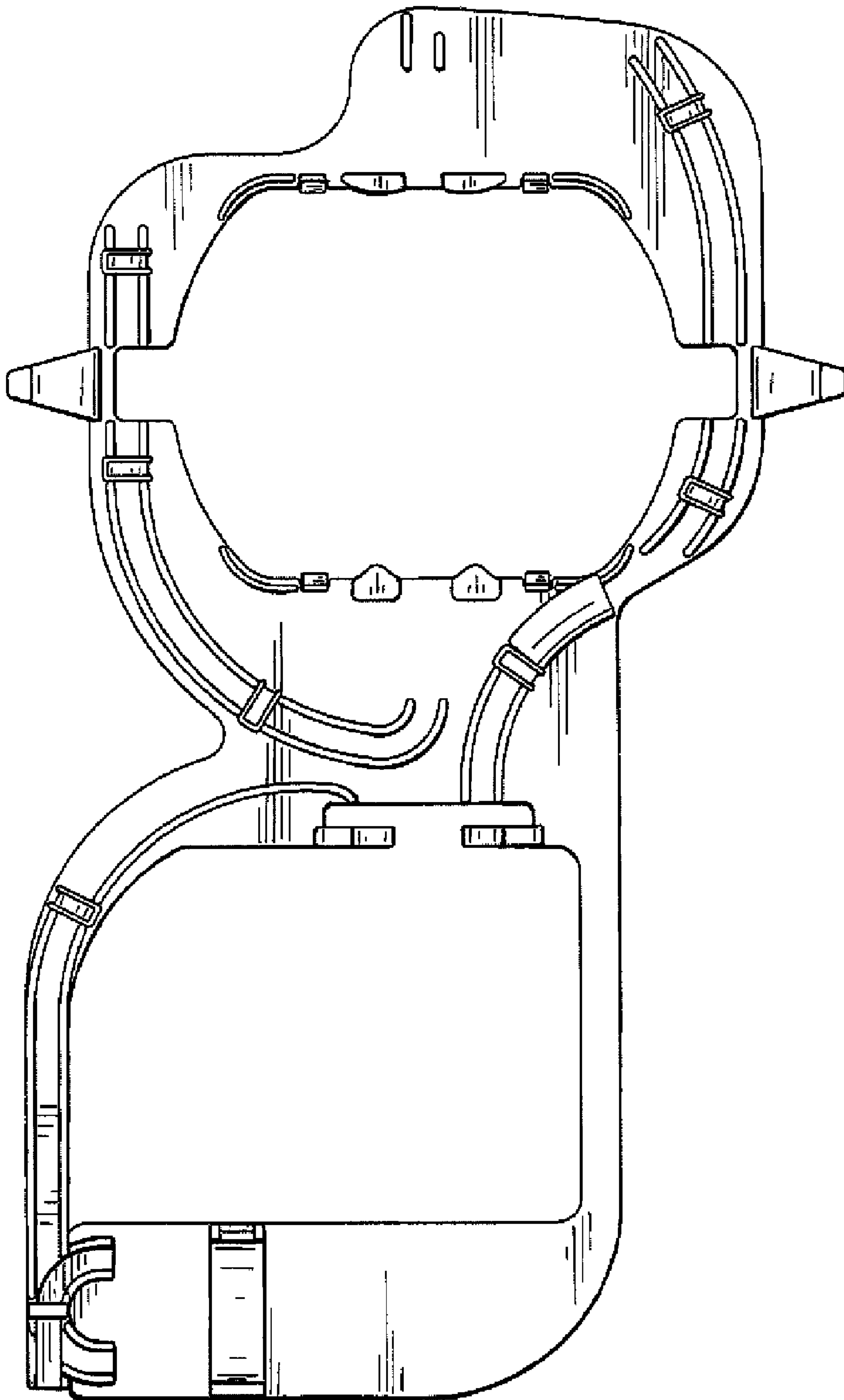


Fig. 11

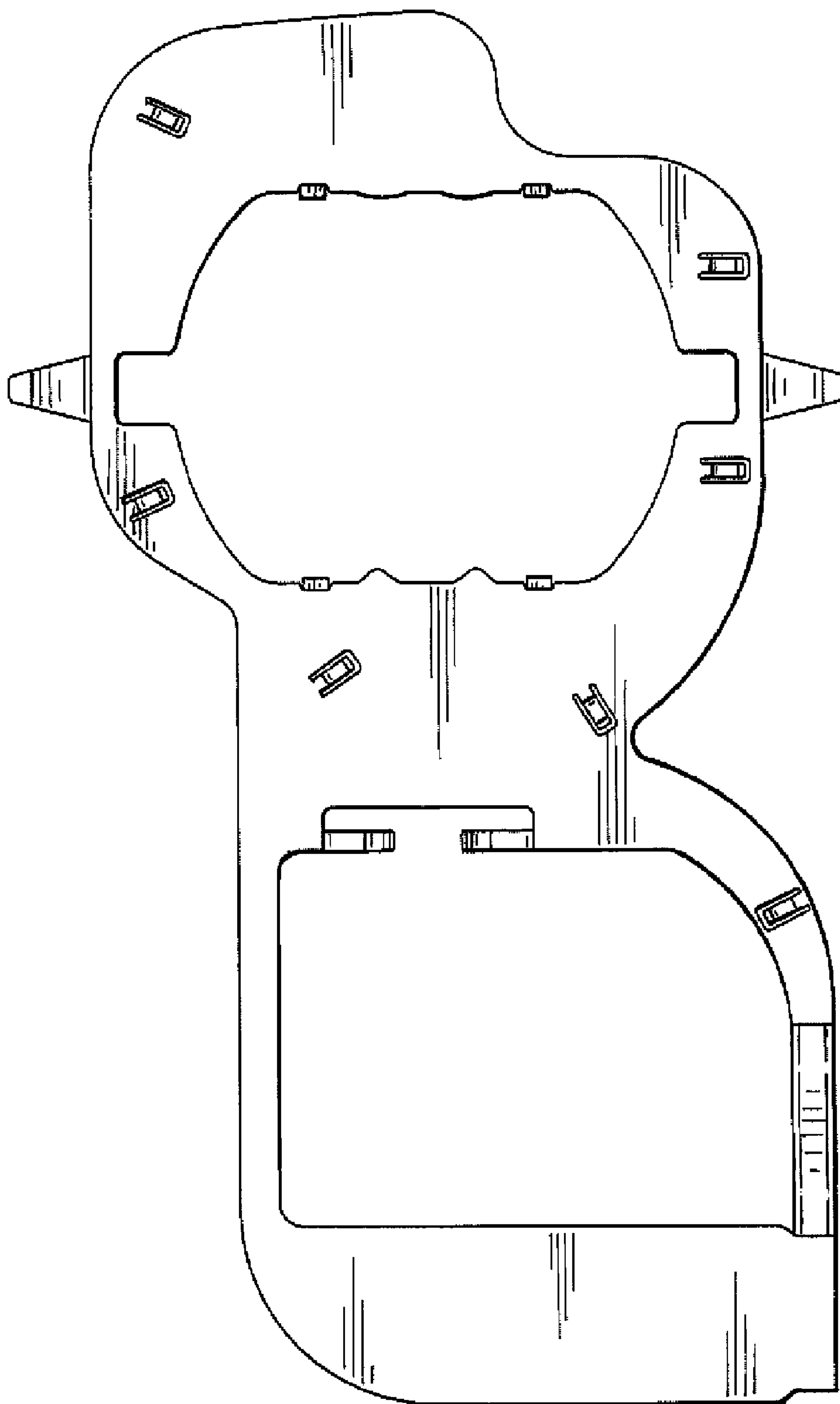


Fig. 12

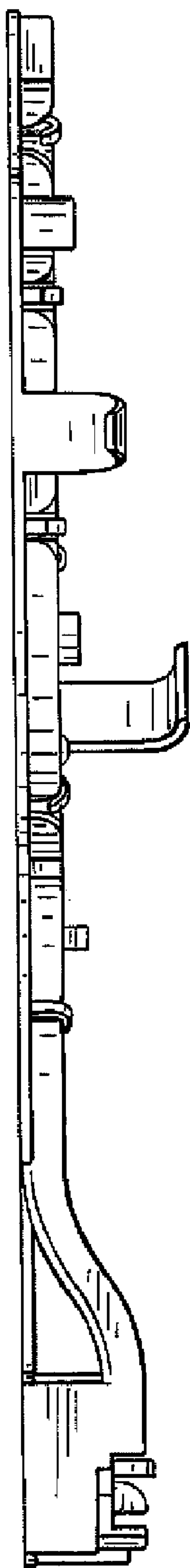


Fig. 13

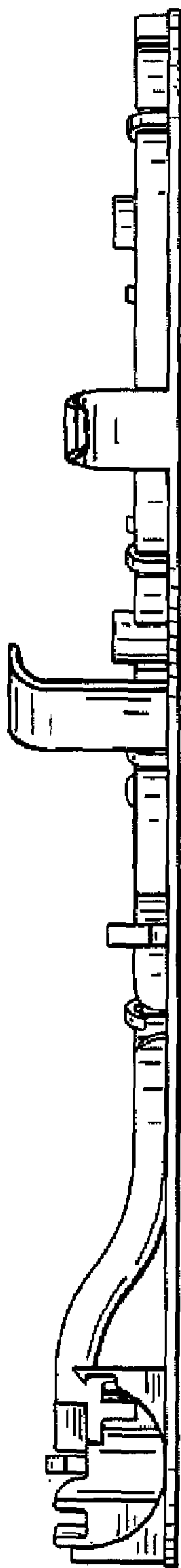


Fig. 14

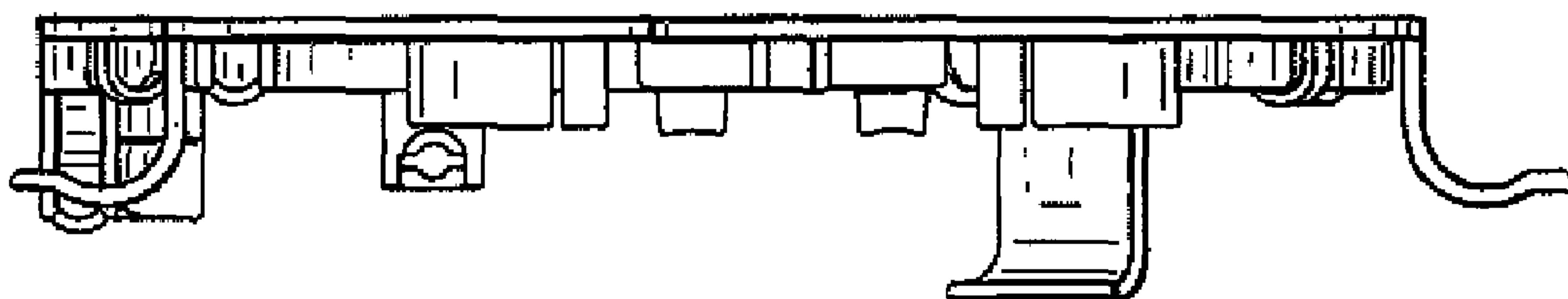


Fig. 15

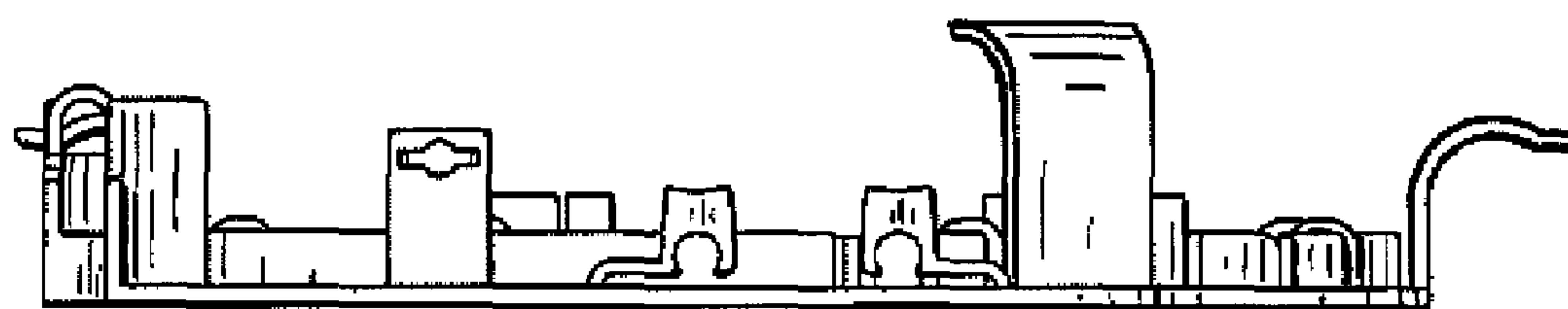


Fig. 16