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**United States Patent** [19]  
**Neves**

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[54] **POWER TONG**

- [75] **Inventor: Billy W. Neves, Odessa, Tex.**
- [73] **Assignee: Eckel Manufacturing Company, Inc., Odessa, Tex.**
- [\*\*] **Term: 14 Years**
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- [22] **Filed: Apr. 30, 1990**
- [52] **U.S. Cl. .... D8/4**
- [58] **Field of Search ..... D15/148, 149, 199; D8/4; 81/57.14, 57.15, 57.18, 57.19, 57.21, 57.3, 57.33**

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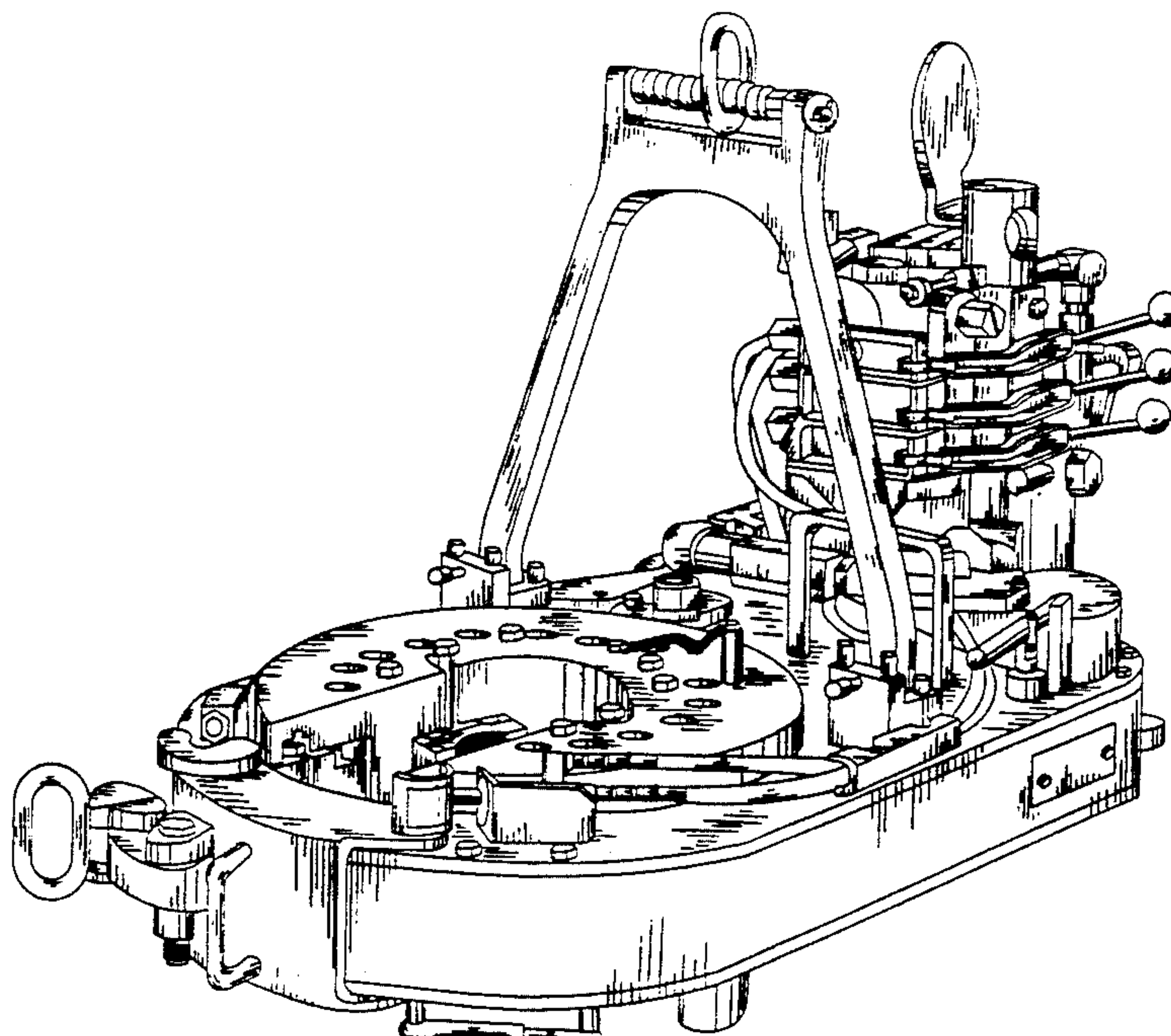
[57] **CLAIM**

The ornamental design for a power tong, substantially as shown and described herein.

**DESCRIPTION**

FIG. 1 is a right side pictorial view of a power tong according to the present invention;  
 FIG. 2 is a right side elevation view of the power tong shown in FIG. 1;  
 FIG. 3 is a left side elevation view of the power tong shown in FIG. 1;  
 FIG. 4 is a top view of the power tong shown in FIG. 1;  
 FIG. 5 is a bottom view of the power tong shown in FIG. 1;  
 FIG. 6 is a rear end elevation view of the power tong shown in FIG. 1; and,  
 FIG. 7 is a front end elevation view of the power tong shown in FIG. 1.

As depicted in FIG. 1, the power tong of the present invention is of a type which is primarily used for making-up and breaking-apart oilfield tubular connections. The power tong as depicted in FIG. 1 is typically supported by suitable apparatus (not shown) and the inverted V-shape lifting member depicted in FIG. 1 is illustrative of only one embodiment of suitable device for connecting the power tong to the lifting mechanism. FIGS. 2 and 3 depict further features with respect to the design of the present invention, including a lower housing below the primary body of the power tong for housing internal components. FIGS. 4 and 5 depict suitable heads within the power tong, and it should be understood that the size of the depicted heads is merely illustrative, and that the depicted heads may be replaced with other heads for a different sized pipe. FIGS. 4 and 5 further depict a substantially rectangular-shaped form of the body, which is one of the features of the present invention. As depicted in these FIGURES, the tong motor is substantially offset with respect to the central axis of the tong, which passes through the centerline of the cage plate and the center of the door opening.



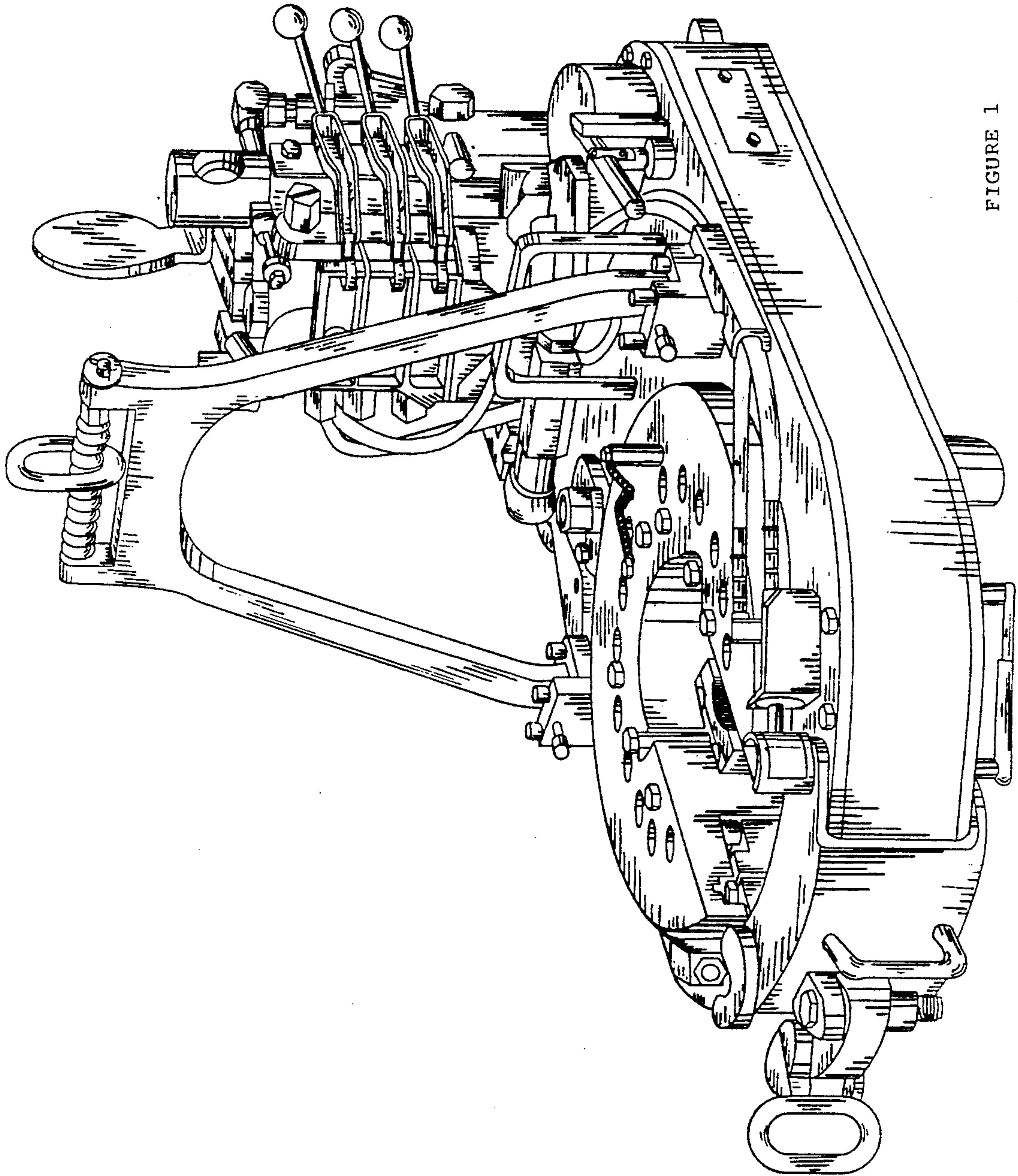


FIGURE 1



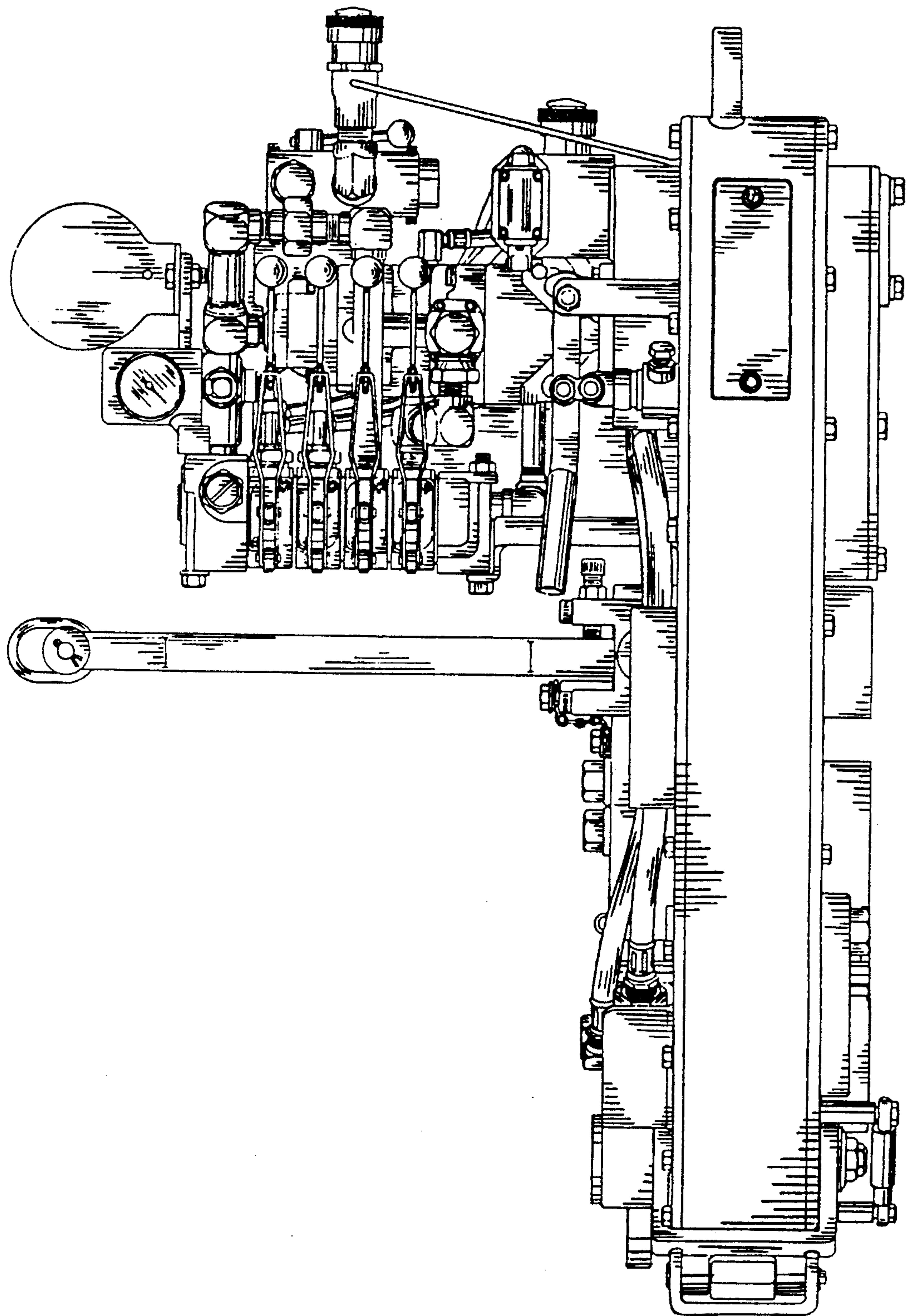


FIGURE 2

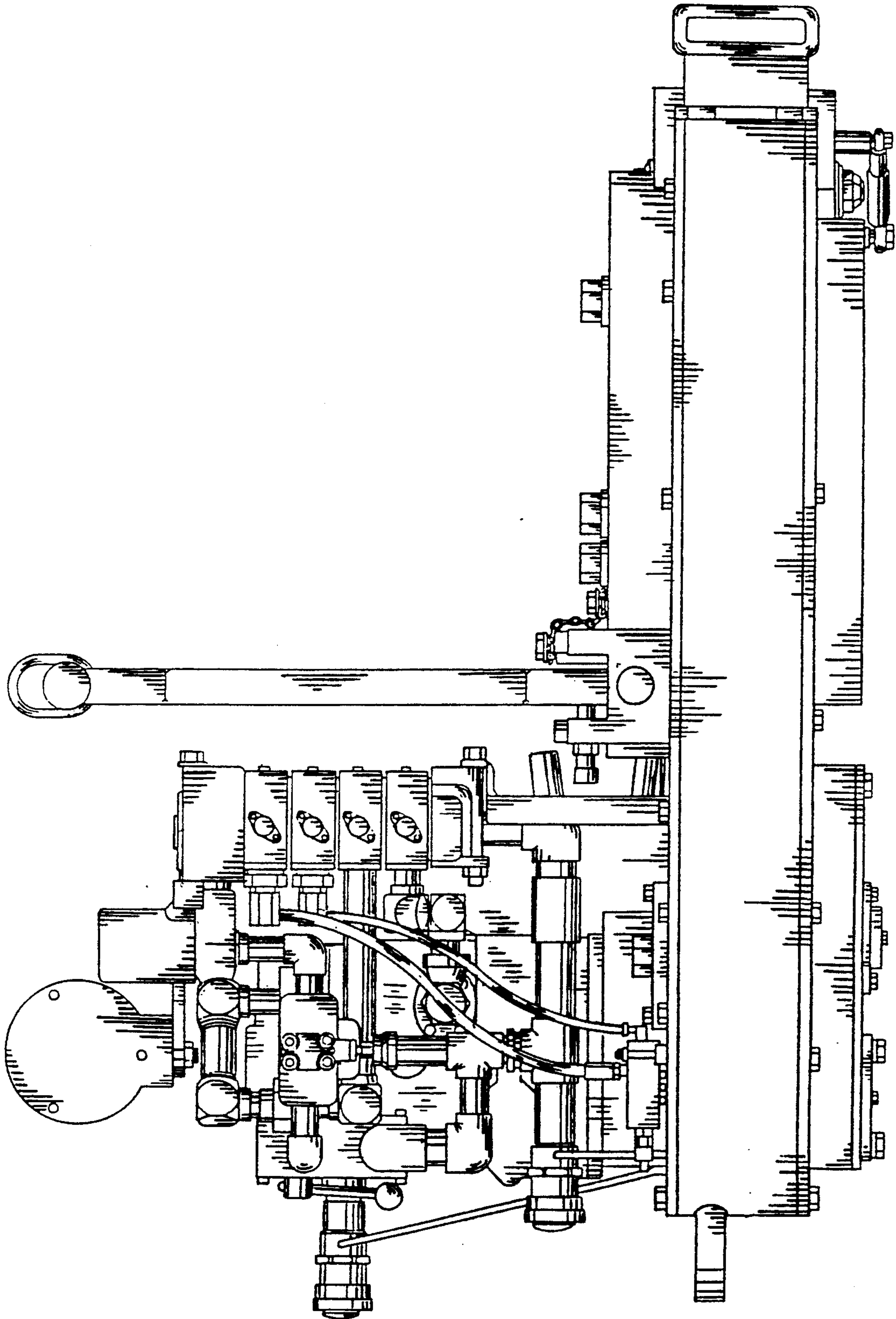


FIGURE 3



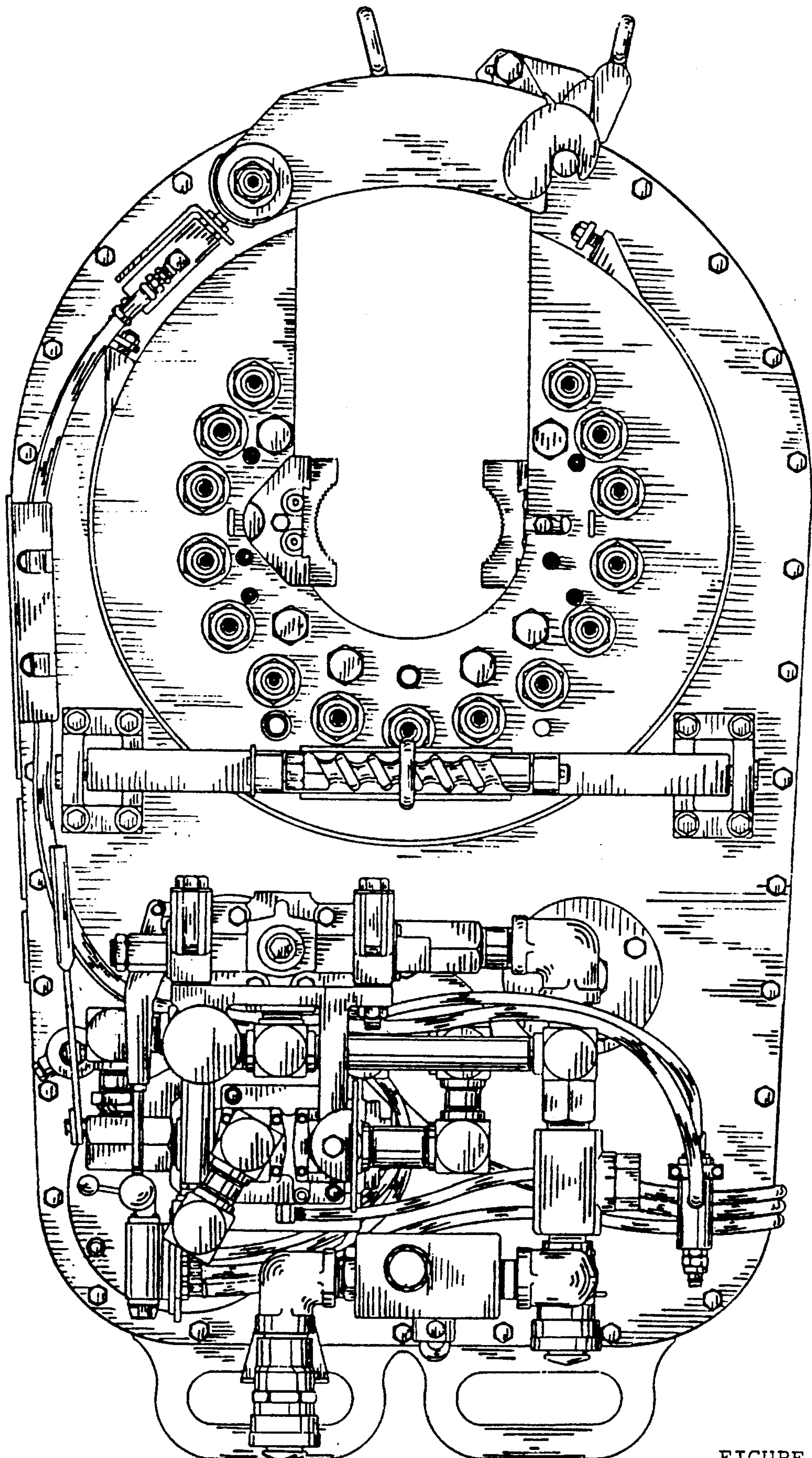


FIGURE 4

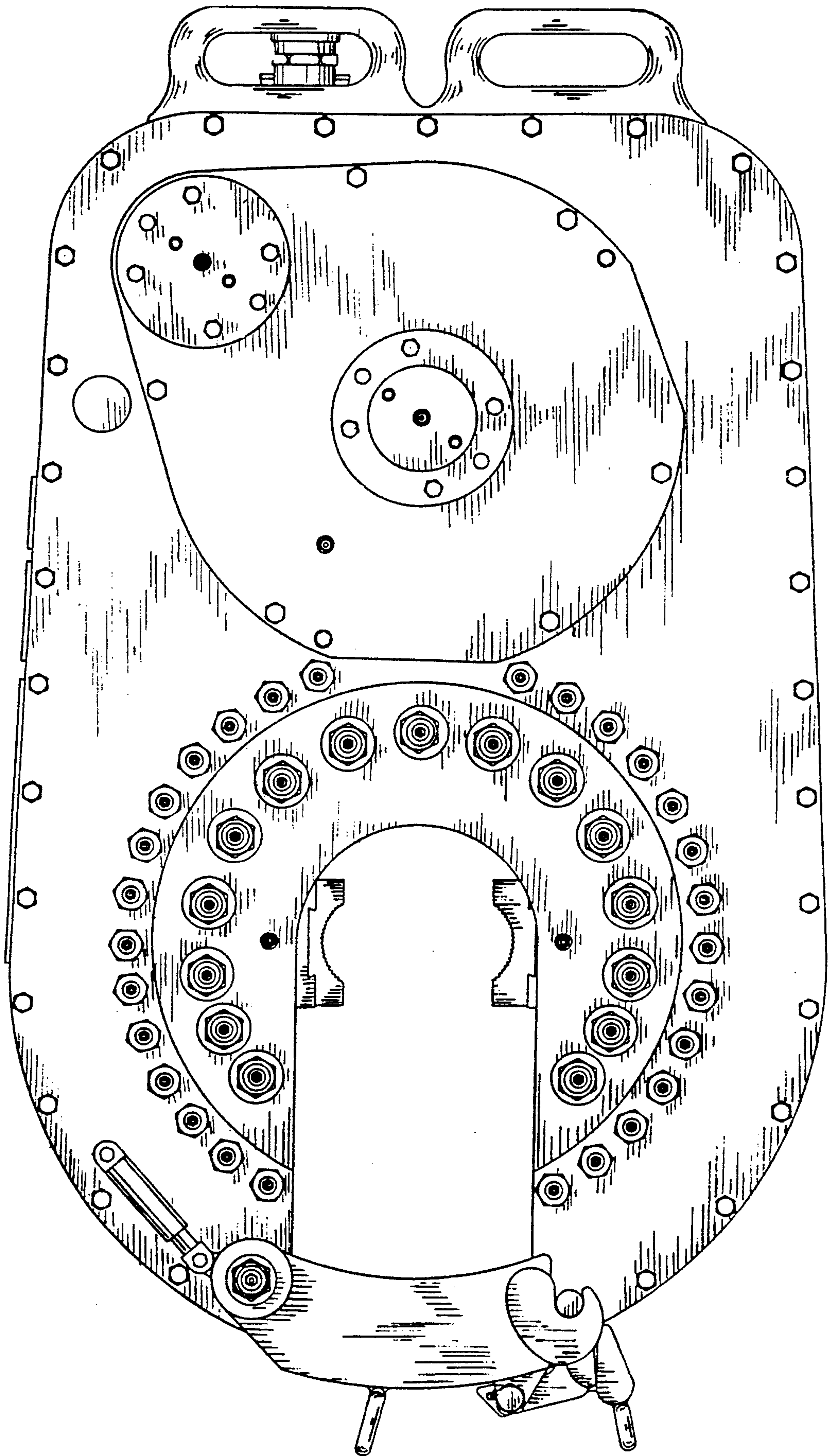


FIGURE 5



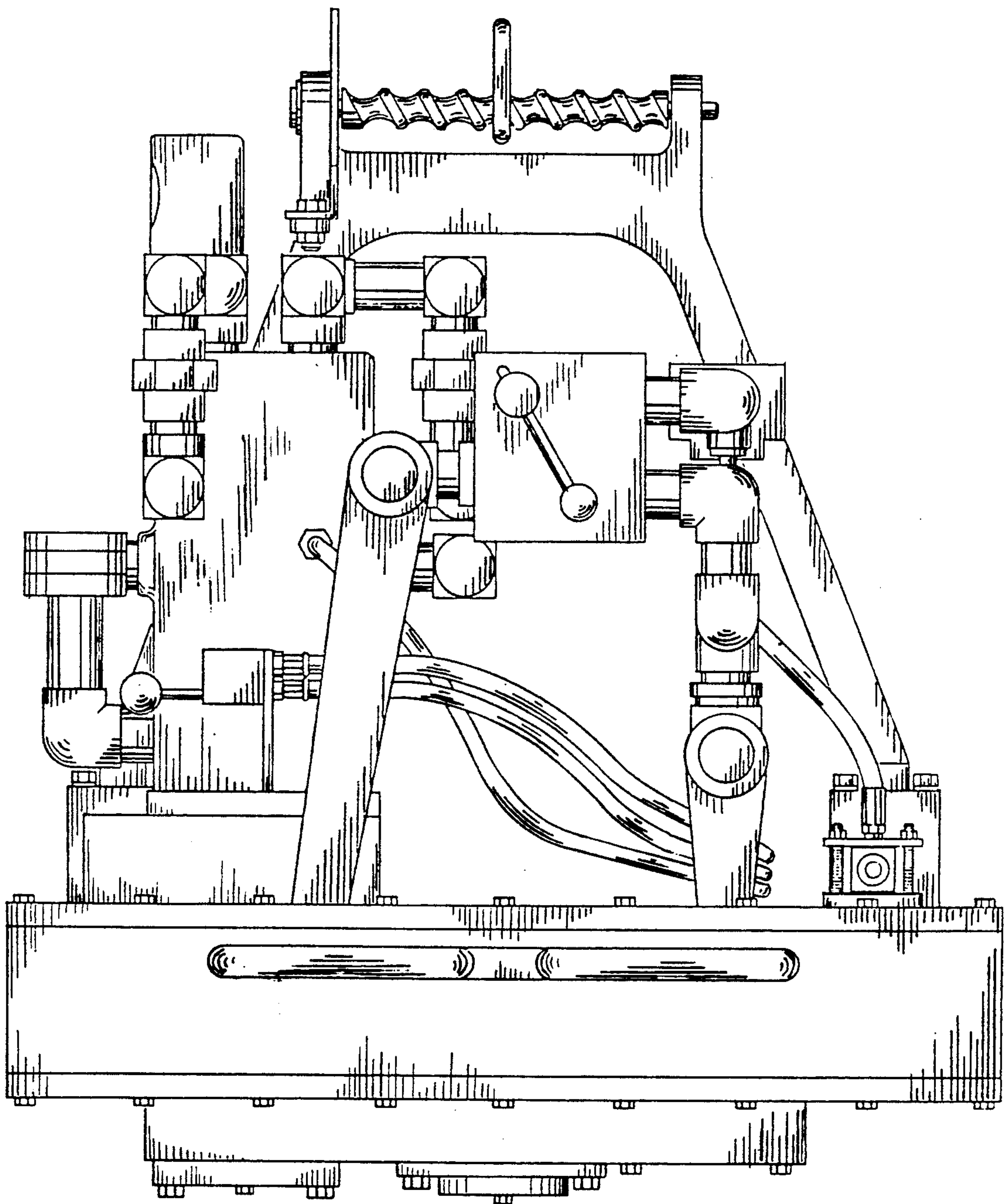


FIGURE 6

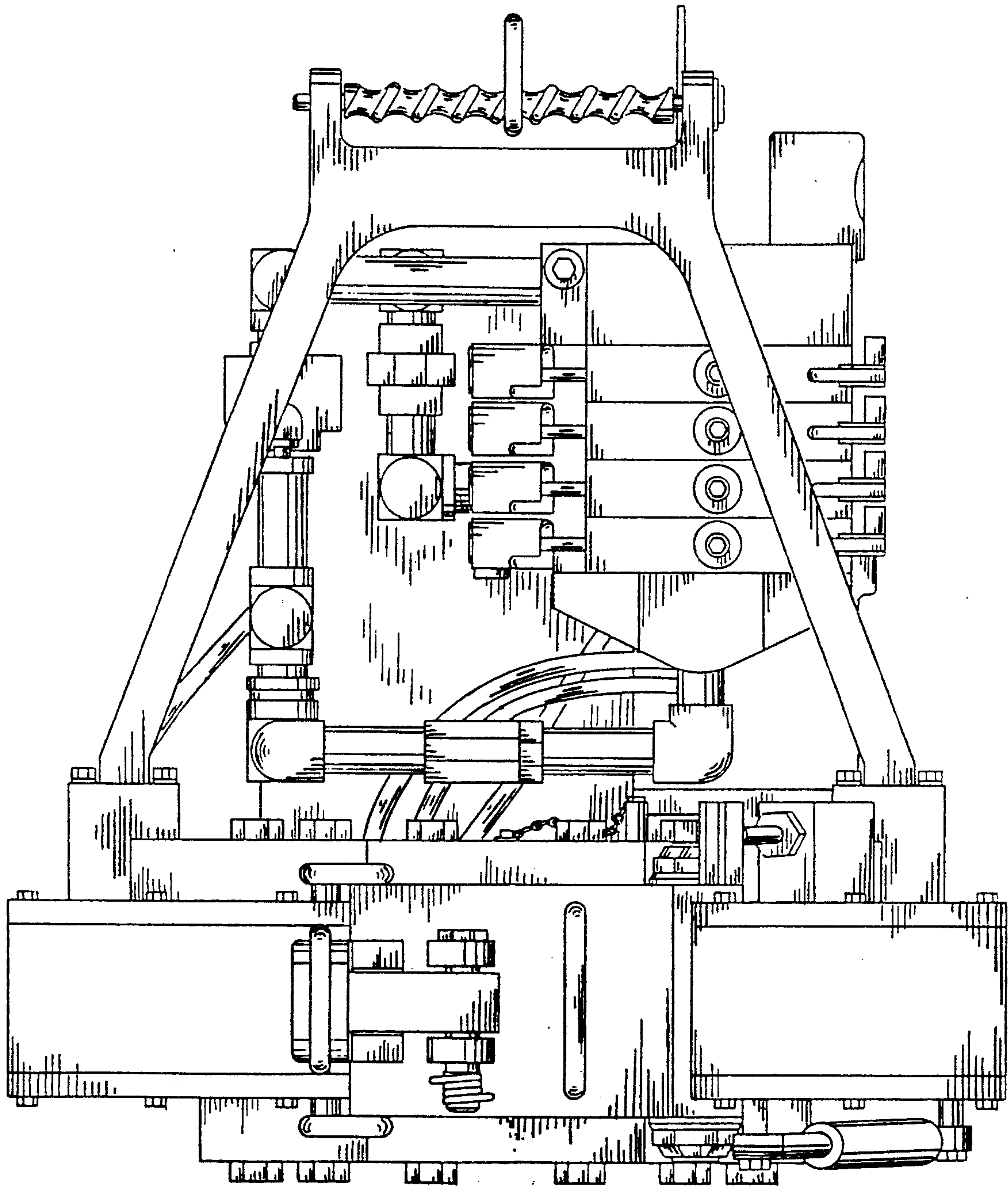


FIGURE 7