

# United States Patent [19]

Moreiras et al.

[11] Patent Number: **Des. 280,201**

[45] Date of Patent: **\*\* Aug. 20, 1985**

[54] **HOSE ASSEMBLY CRIMPING MACHINE**

[75] Inventors: **Luis Moreiras, Mentor; George C. Burrington, Eastlake, both of Ohio**

[73] Assignee: **Parker-Hannifin Corporation, Cleveland, Ohio**

[\*\*] Term: **14 Years**

[21] Appl. No.: **564,109**

[22] Filed: **Dec. 21, 1983**

[52] U.S. Cl. .... **D15/123**

[58] Field of Search ..... **D15/122, 123; 72/402; 29/237**

[56] **References Cited**

## U.S. PATENT DOCUMENTS

3,373,474 3/1968 Doerer ..... 29/237  
3,785,050 1/1974 Whitley ..... 29/237

4,034,592 7/1977 Chen et al. .... 29/237  
4,050,286 9/1977 Gaster et al. .... 72/402  
4,244,091 1/1981 Kimble et al. .... 29/237  
4,309,892 1/1982 Currie ..... 72/402

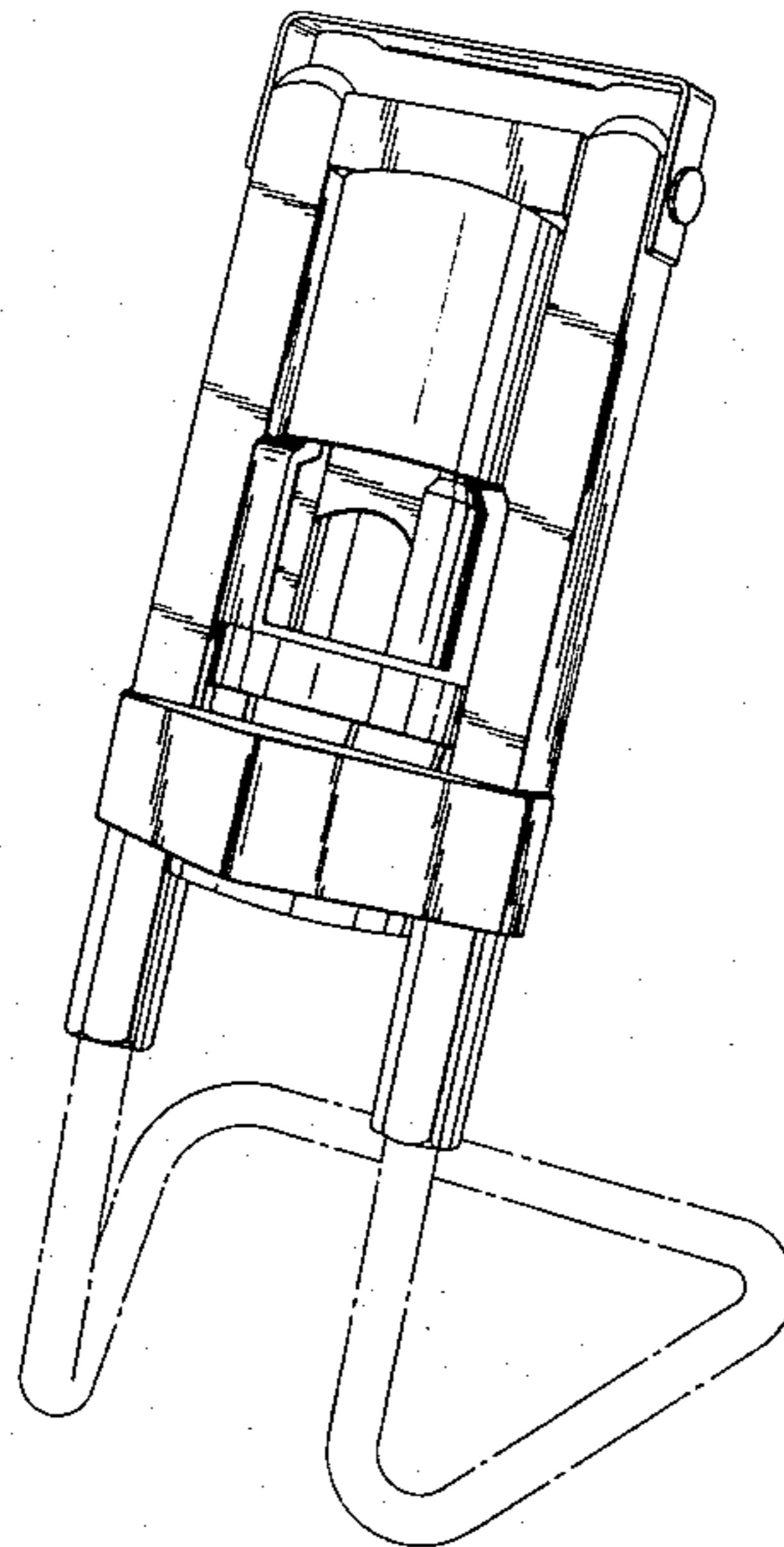
*Primary Examiner*—B. J. Bullock  
*Attorney, Agent, or Firm*—Joseph B. Balazs

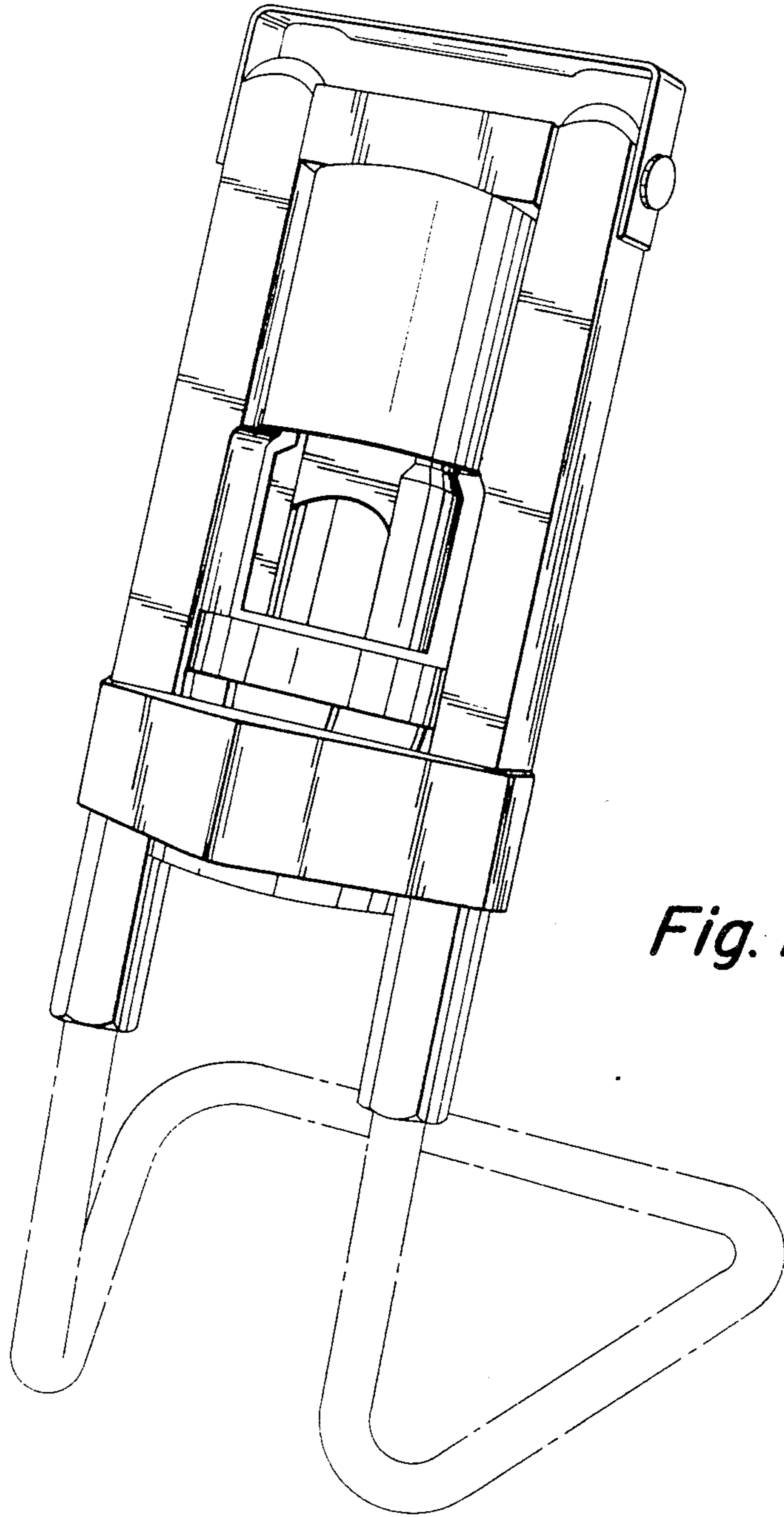
[57] **CLAIM**

The ornamental design for a hose assembly crimping machine, substantially as shown and described.

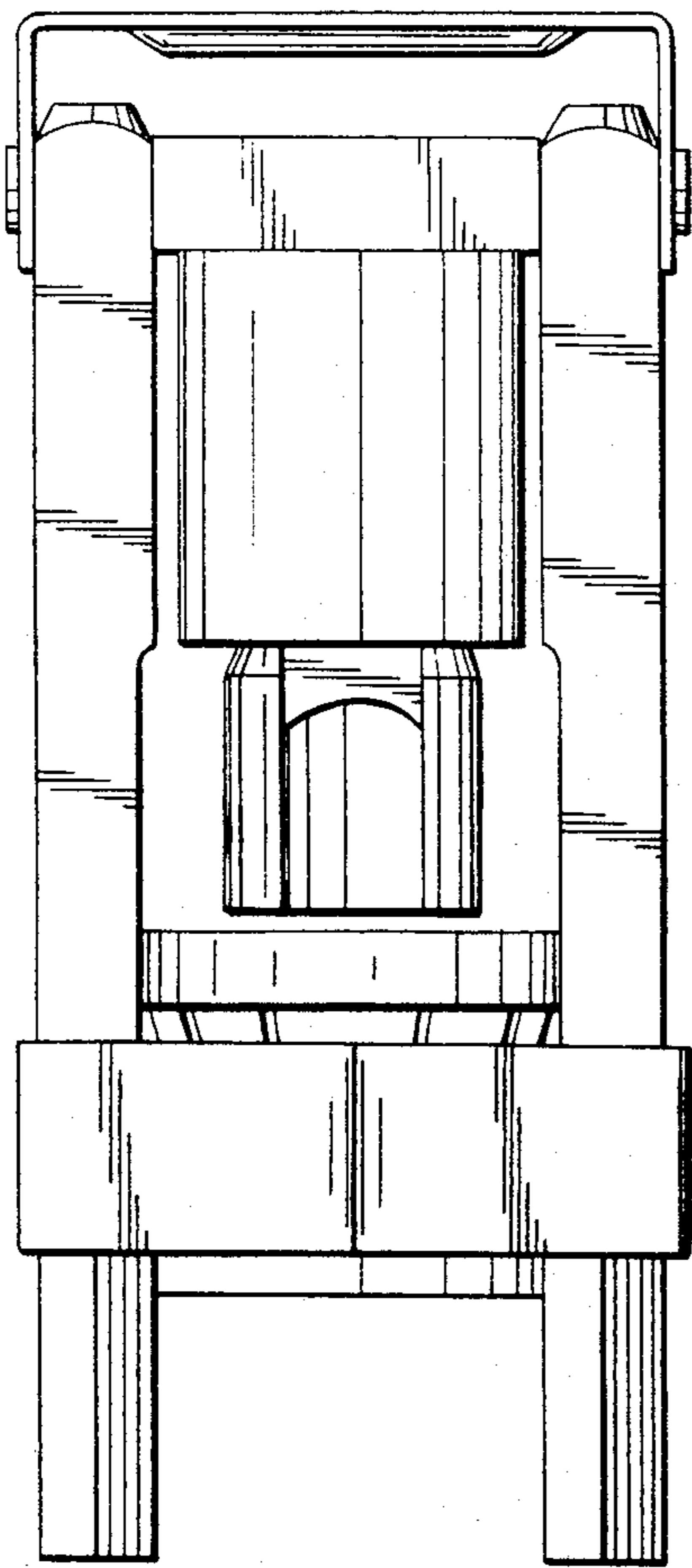
## DESCRIPTION

FIG. 1 is a perspective view of a hose assembly crimping machine embodying my new design; the broken line showing of the stand is for illustrative purposes only; FIG. 2 is a front elevational view thereof, disposed in a vertical position; FIG. 3 is a side elevational view of FIG. 2; FIG. 4 is a top plan view of FIG. 2; FIG. 5 is a bottom plan view of FIG. 2.

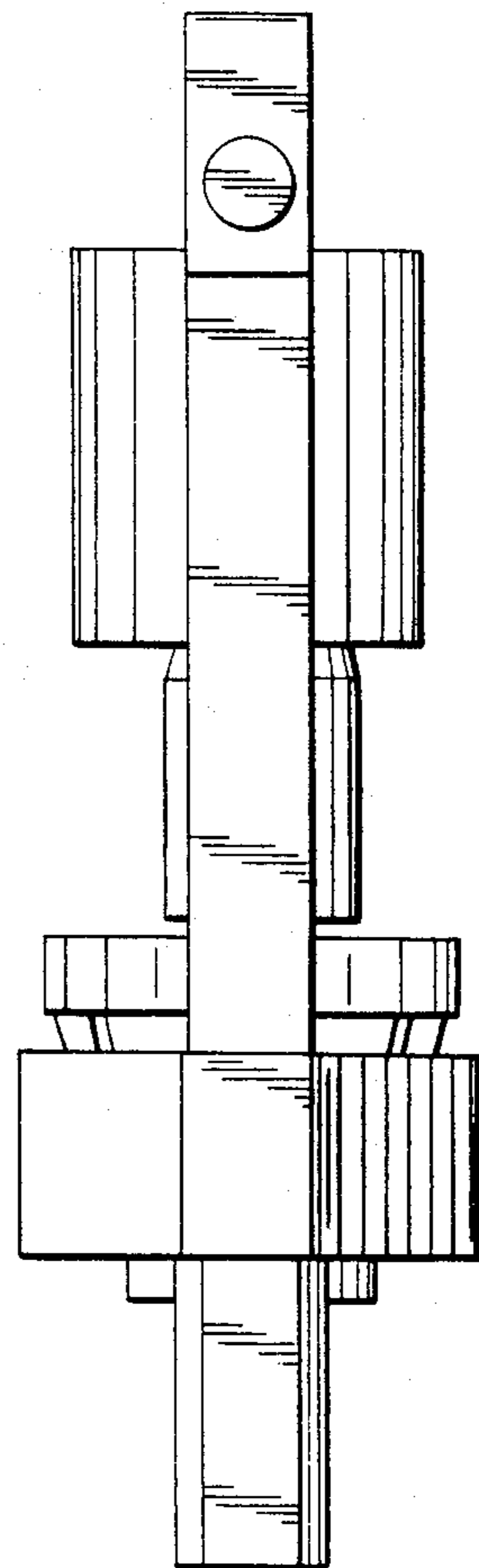




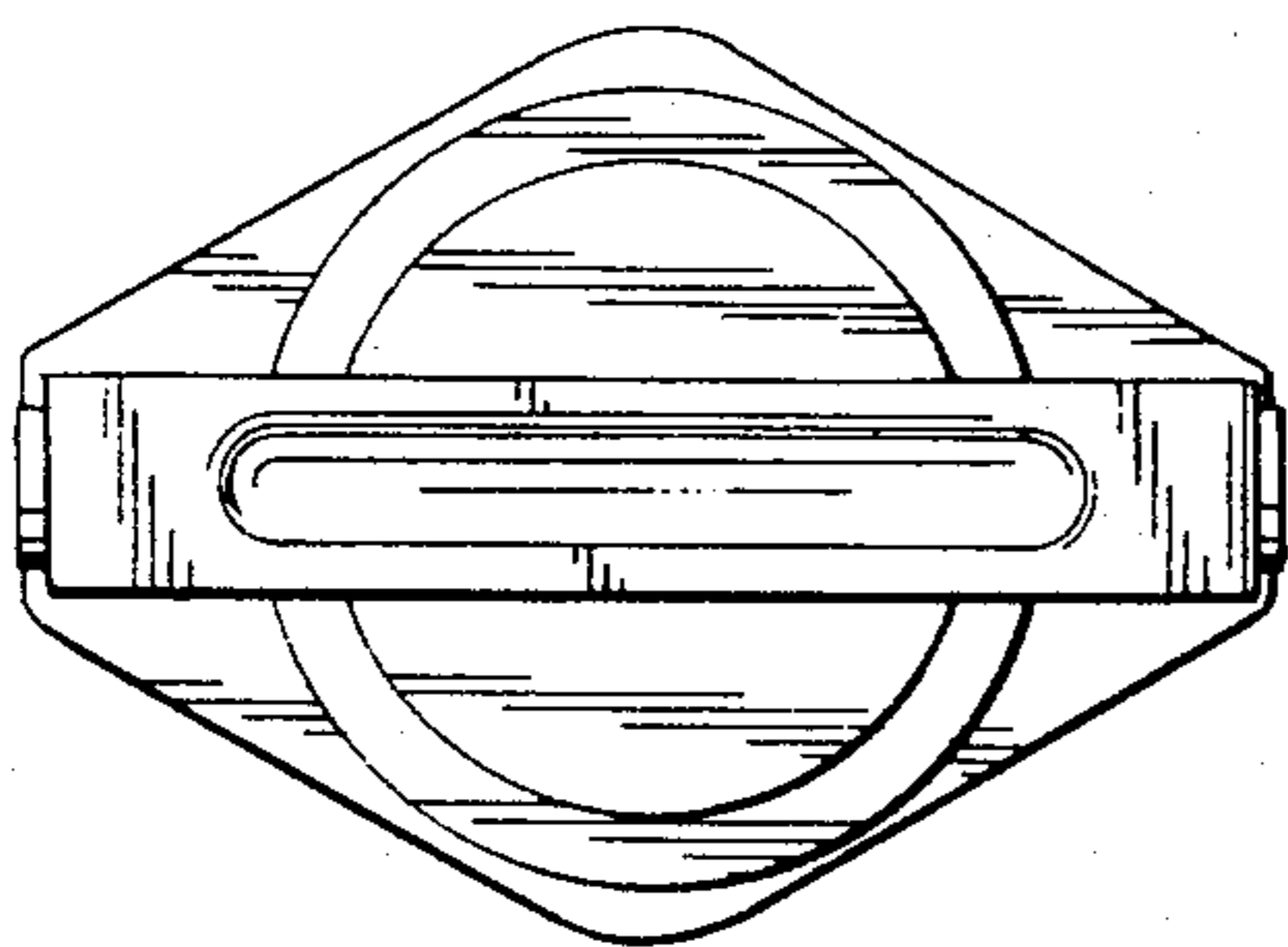
*Fig. 1*



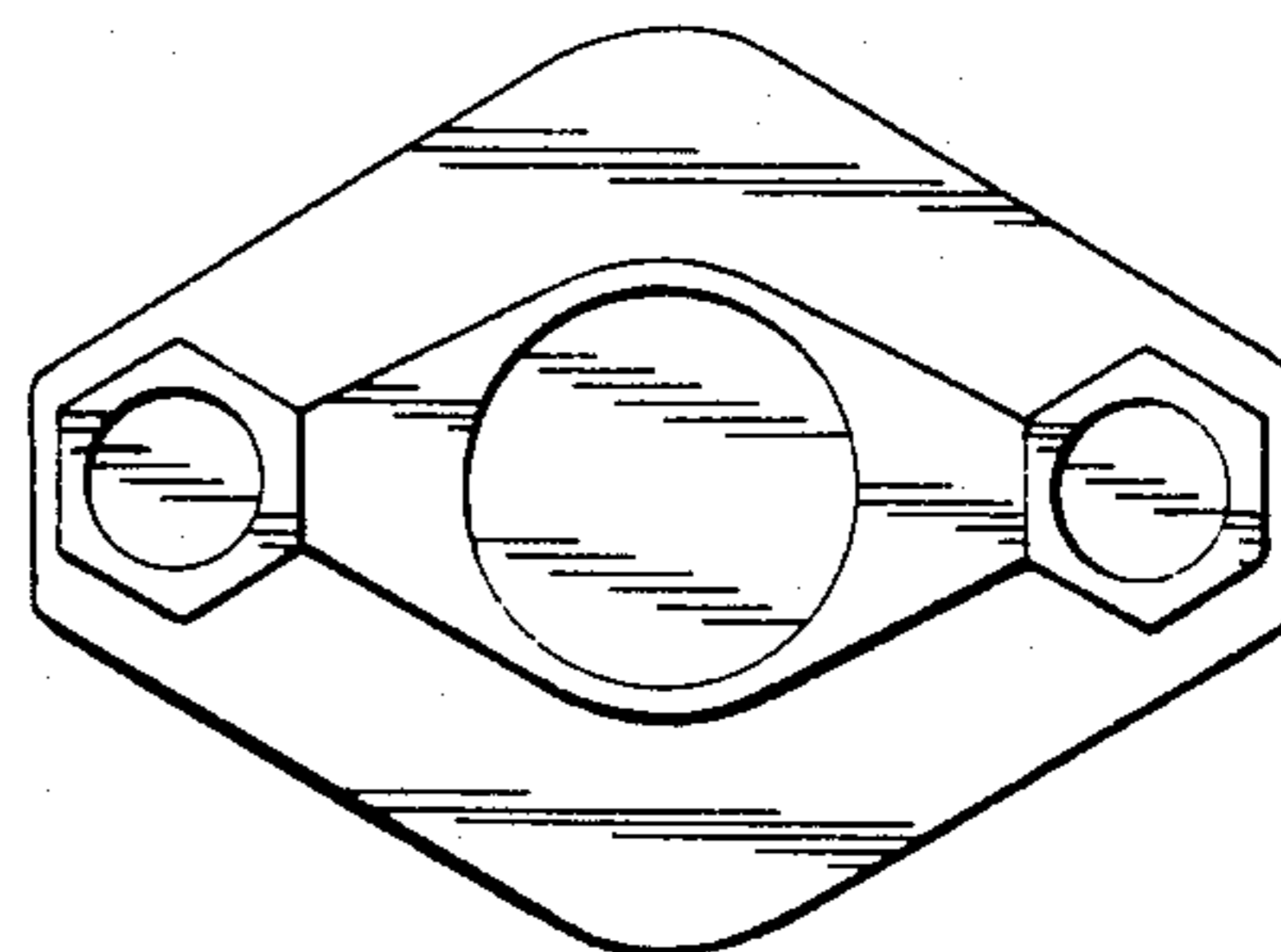
*Fig. 2*



*Fig. 3*



*Fig. 4*



*Fig. 5*