



US00D420978S

# United States Patent [19] Chang

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[54] **ELECTRICAL CONNECTOR**

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

[21] Appl. No.: **29/103,286**

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[30] **Foreign Application Priority Data**

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[51] **LOC (7) Cl.** ..... **13-03**

[52] **U.S. Cl.** ..... **D13/146; D13/147**

[58] **Field of Search** ..... D13/133, 146,  
D13/147; 439/63, 532, 536, 540.1, 541.5,  
939, 607

[56] **References Cited**

## U.S. PATENT DOCUMENTS

D. 340,058 10/1993 Wetzel et al. .... D13/147 X  
D. 411,513 6/1999 Wu et al. .... D13/147  
4,889,502 12/1989 Althouse et al. .... 439/607

5,407,366 4/1995 Briones et al. .... 439/607 X  
5,474,470 12/1995 Hammond, Jr. .... 439/578  
5,545,057 8/1996 Tan et al. .... 439/540.1  
5,643,008 7/1997 Tan et al. .... 439/541.5  
5,681,186 10/1997 Wright ..... 439/607 X  
5,695,362 12/1997 Hillbish et al. .... 439/541.5  
5,755,592 5/1998 Hillbish et al. .... 439/541.5  
5,828,555 10/1998 Itoh ..... 439/541.5 X  
5,913,701 6/1999 Olson et al. .... 439/668

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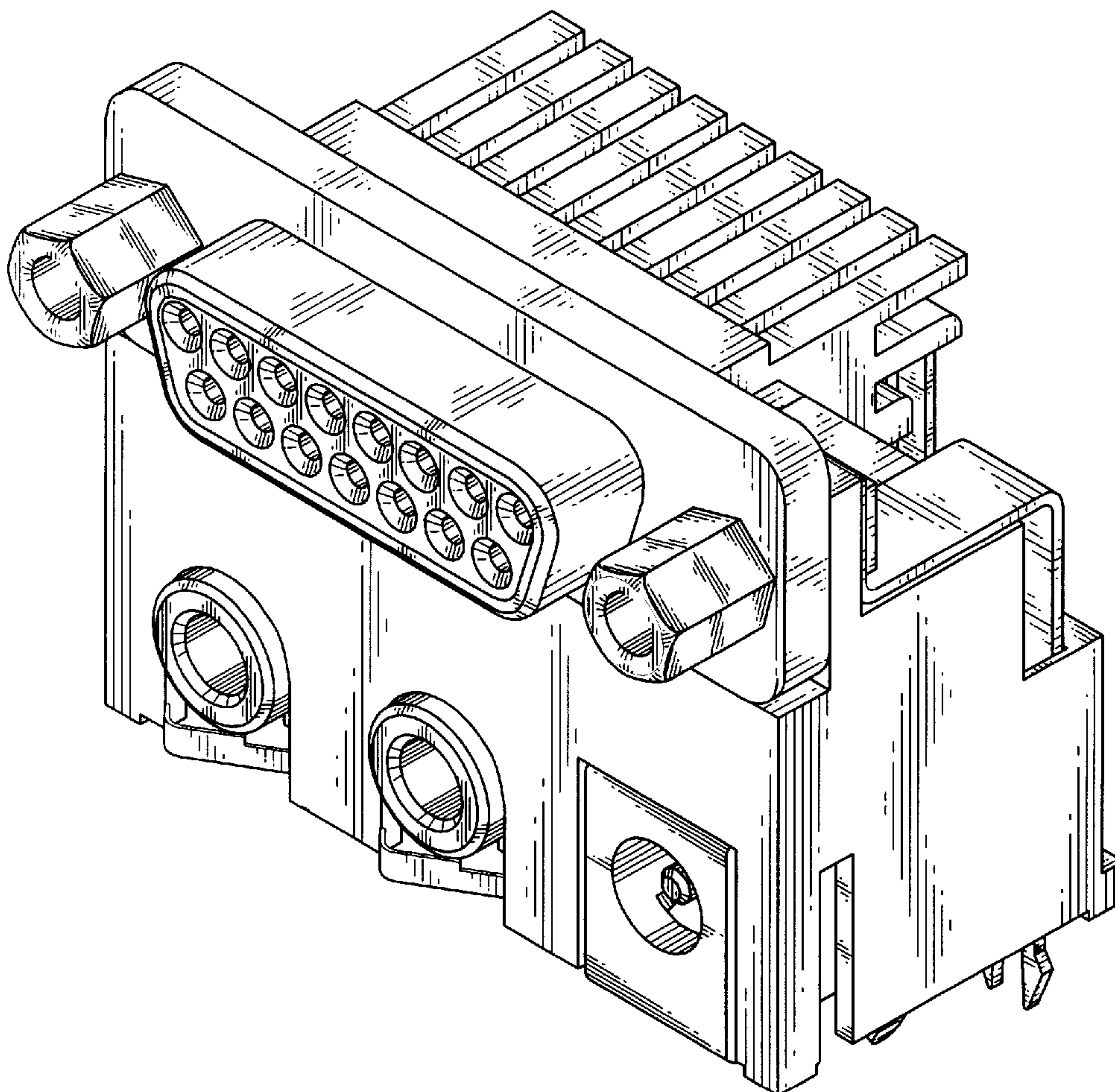
[57] **CLAIM**

The ornamental design for an electrical connector, as shown.

## DESCRIPTION

FIG. 1 is a perspective view of an electrical connector showing my new design;  
FIG. 2 is a front elevational view thereof;  
FIG. 3 is a rear elevational view thereof;  
FIG. 4 is a left side elevational view thereof;  
FIG. 5 is a right side elevational view thereof;  
FIG. 6 is a top plan view thereof; and,  
FIG. 7 is a bottom plan view thereof.

**1 Claim, 7 Drawing Sheets**





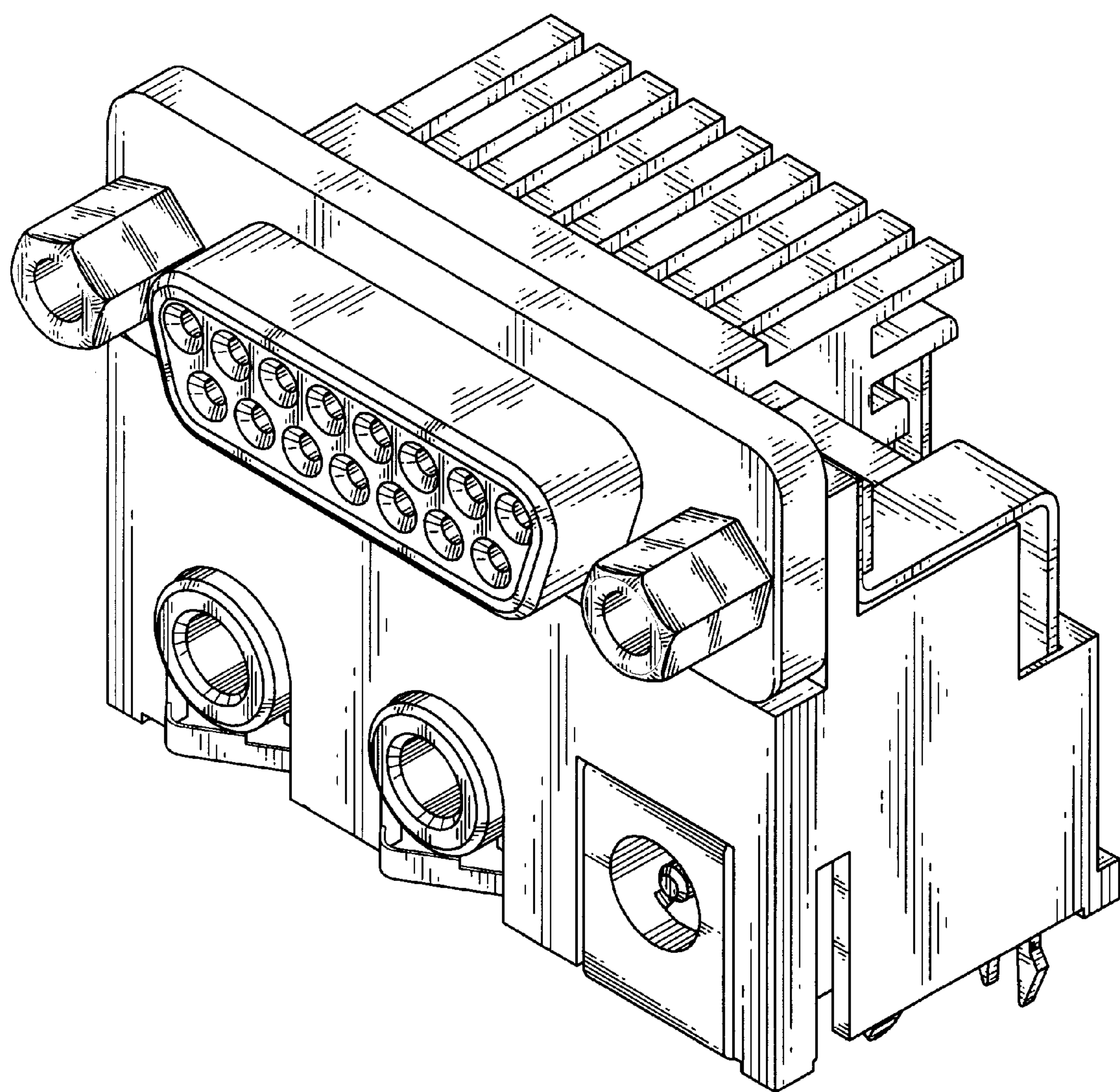


FIG.1



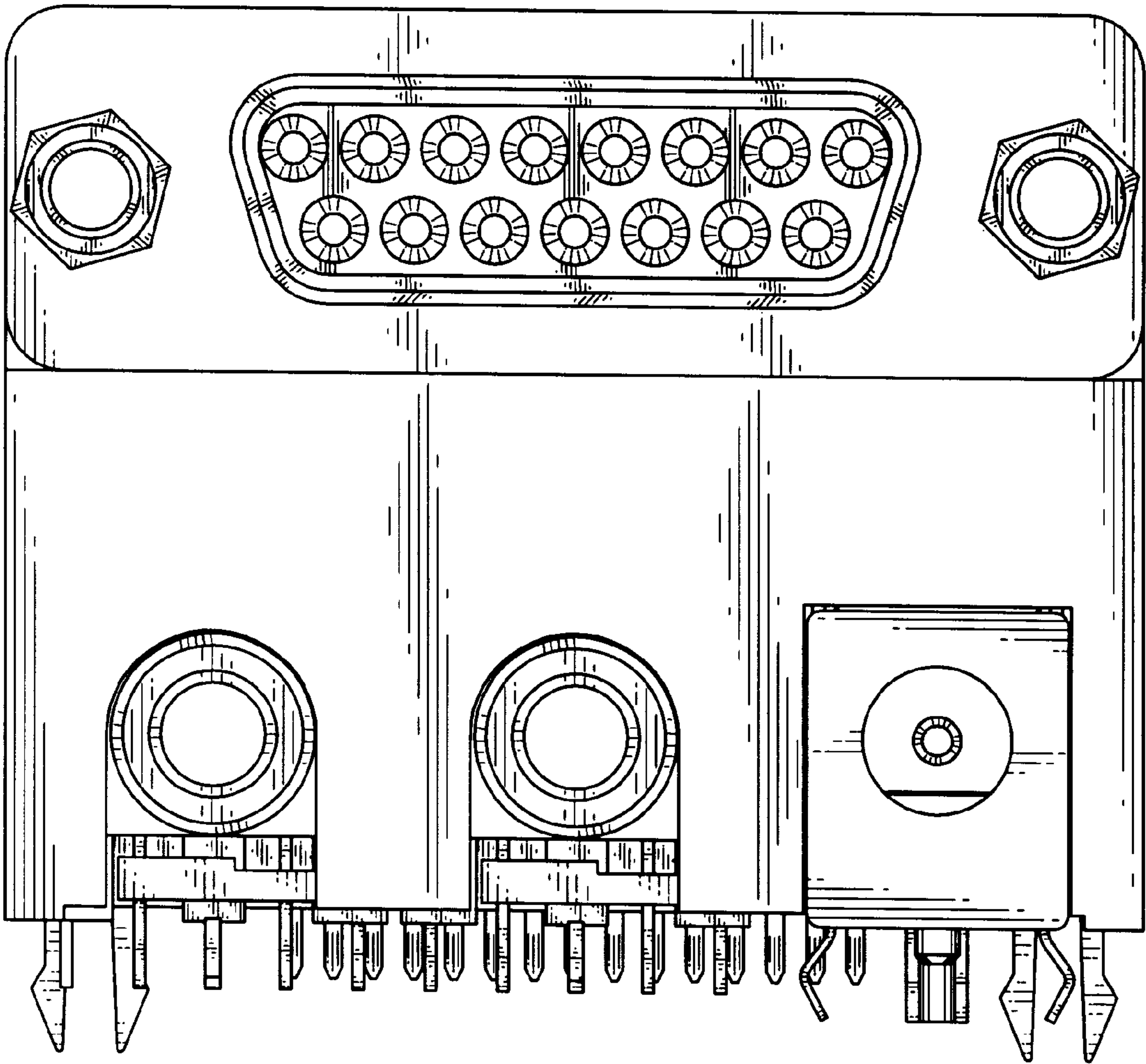


FIG. 2



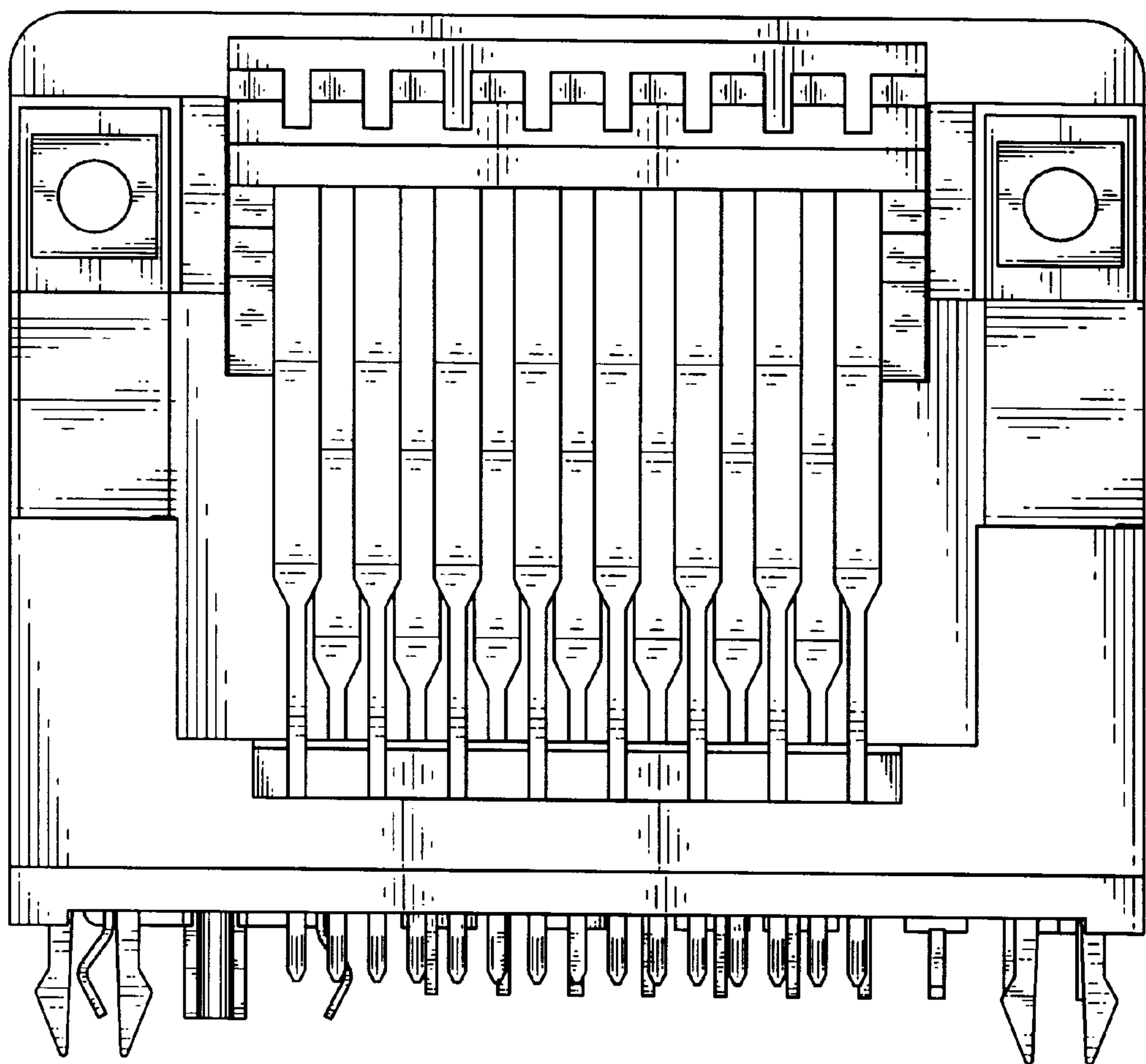
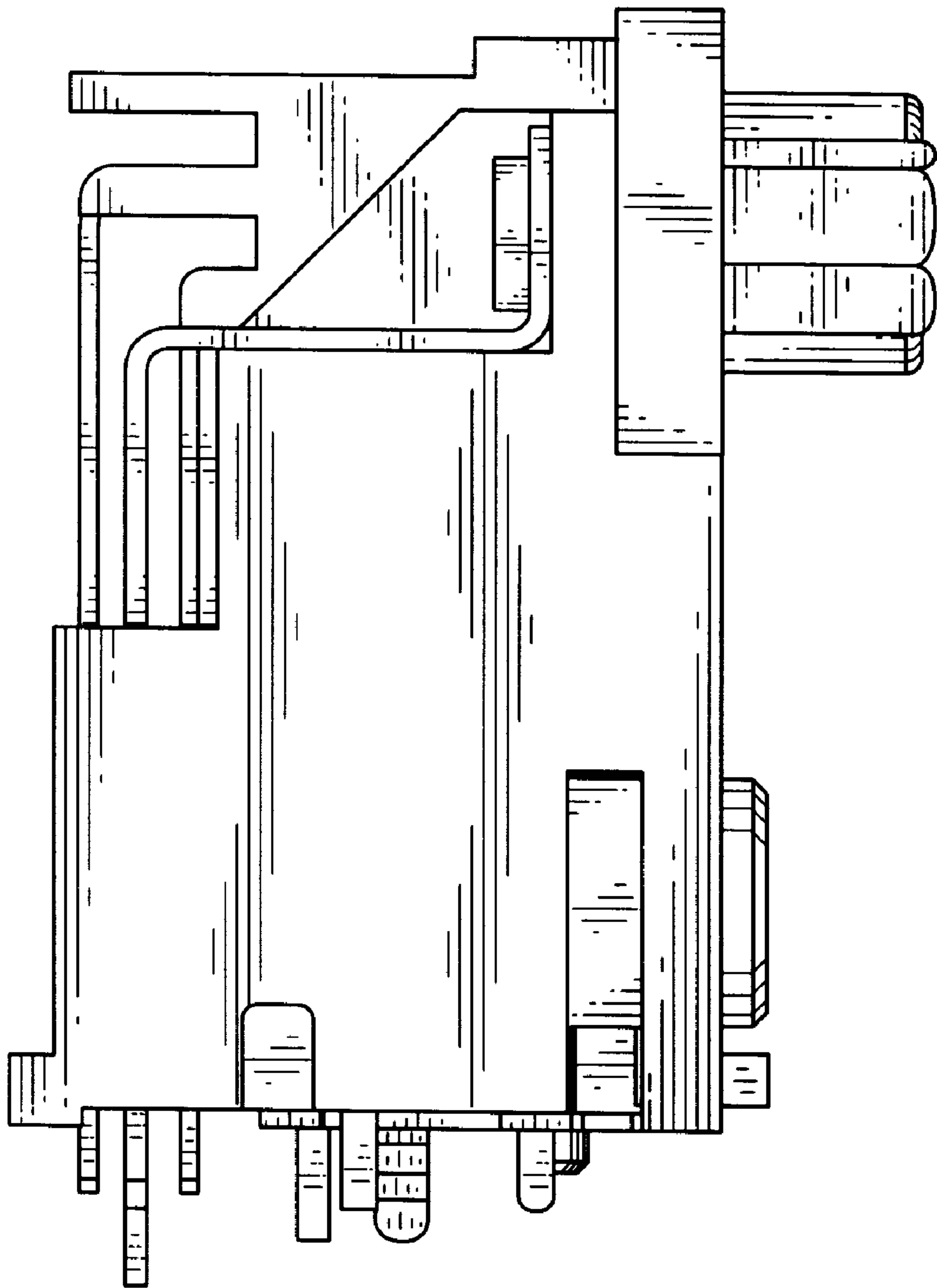


FIG.3





*FIG. 4*



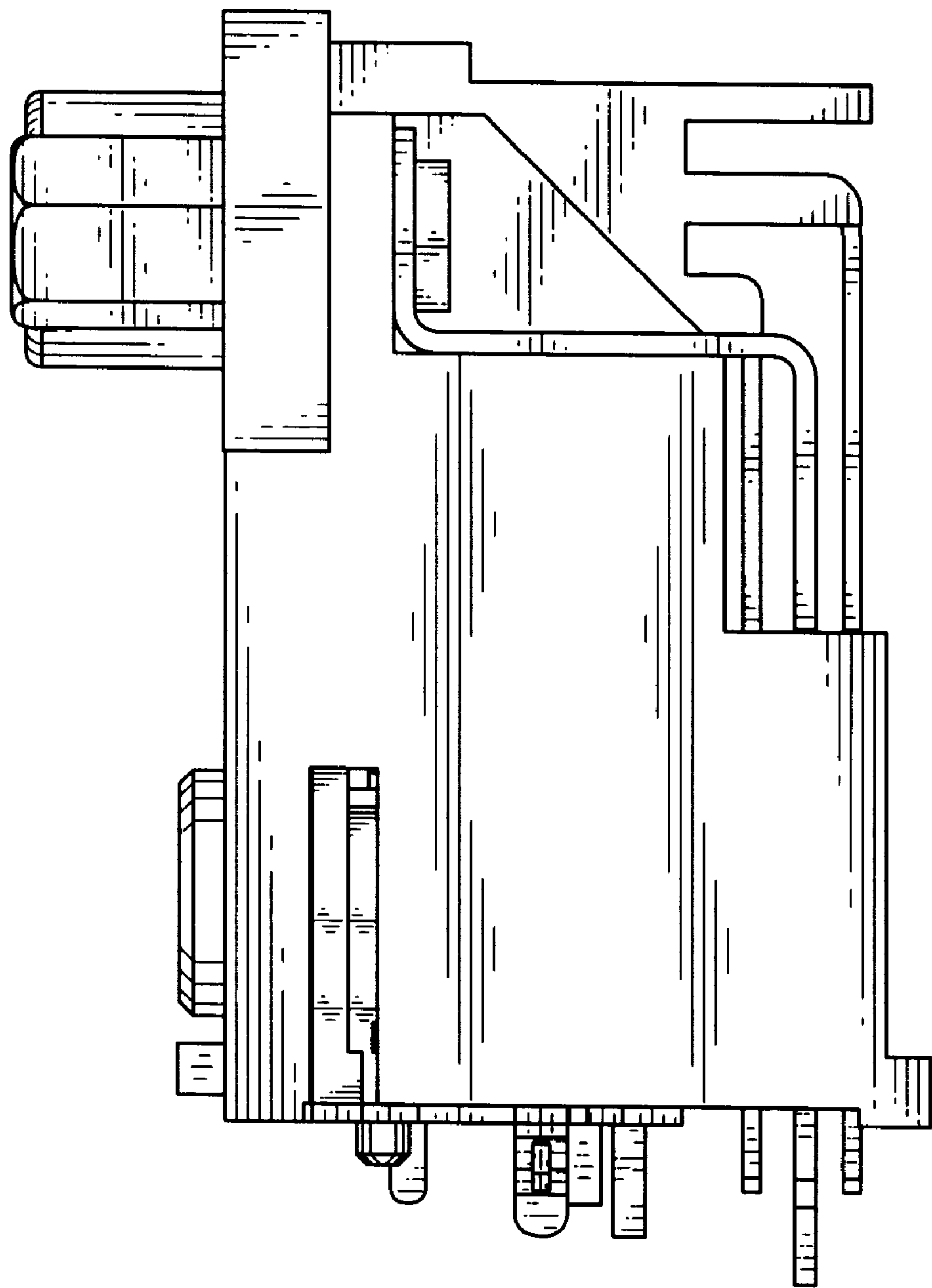


FIG.5



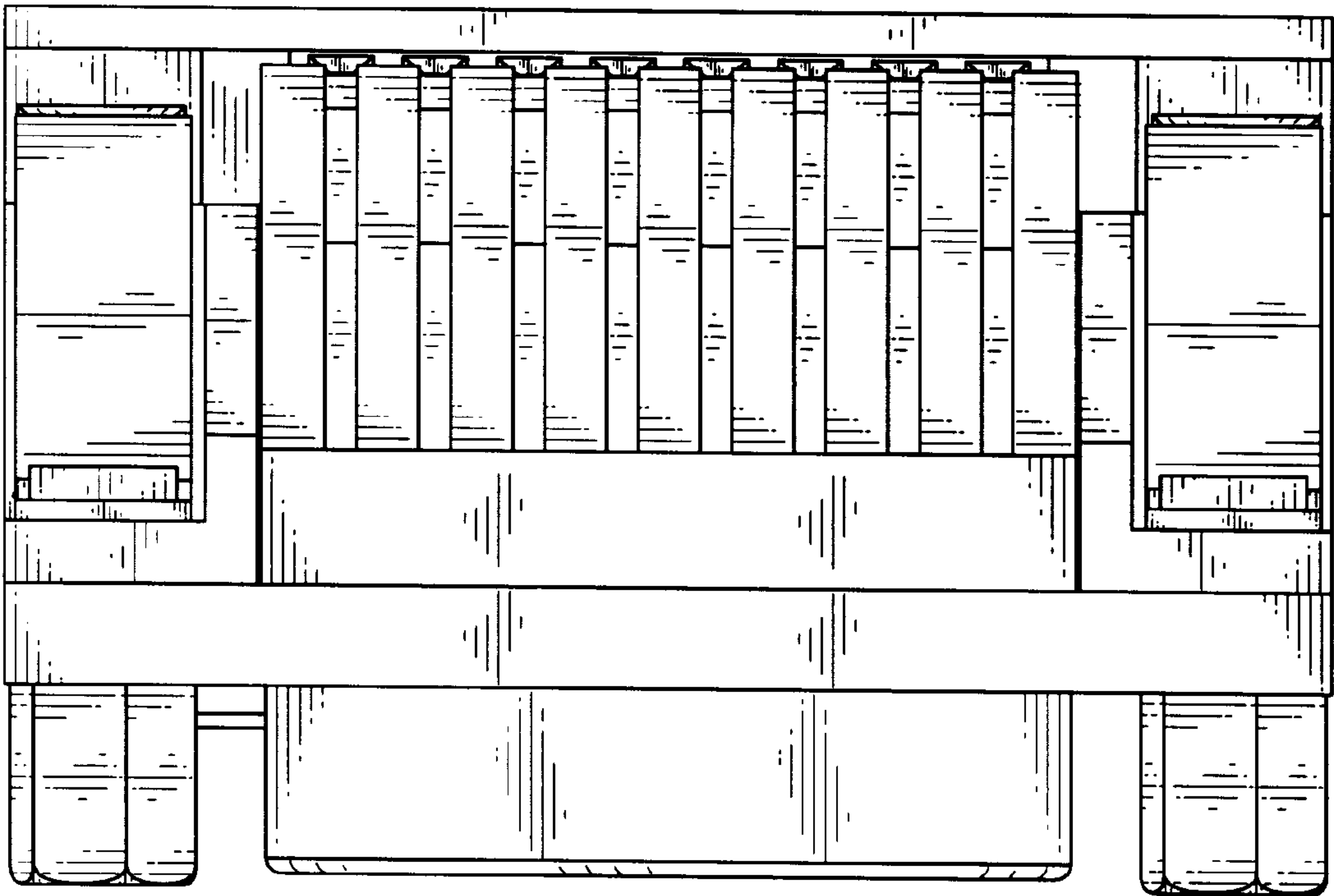


FIG. 6



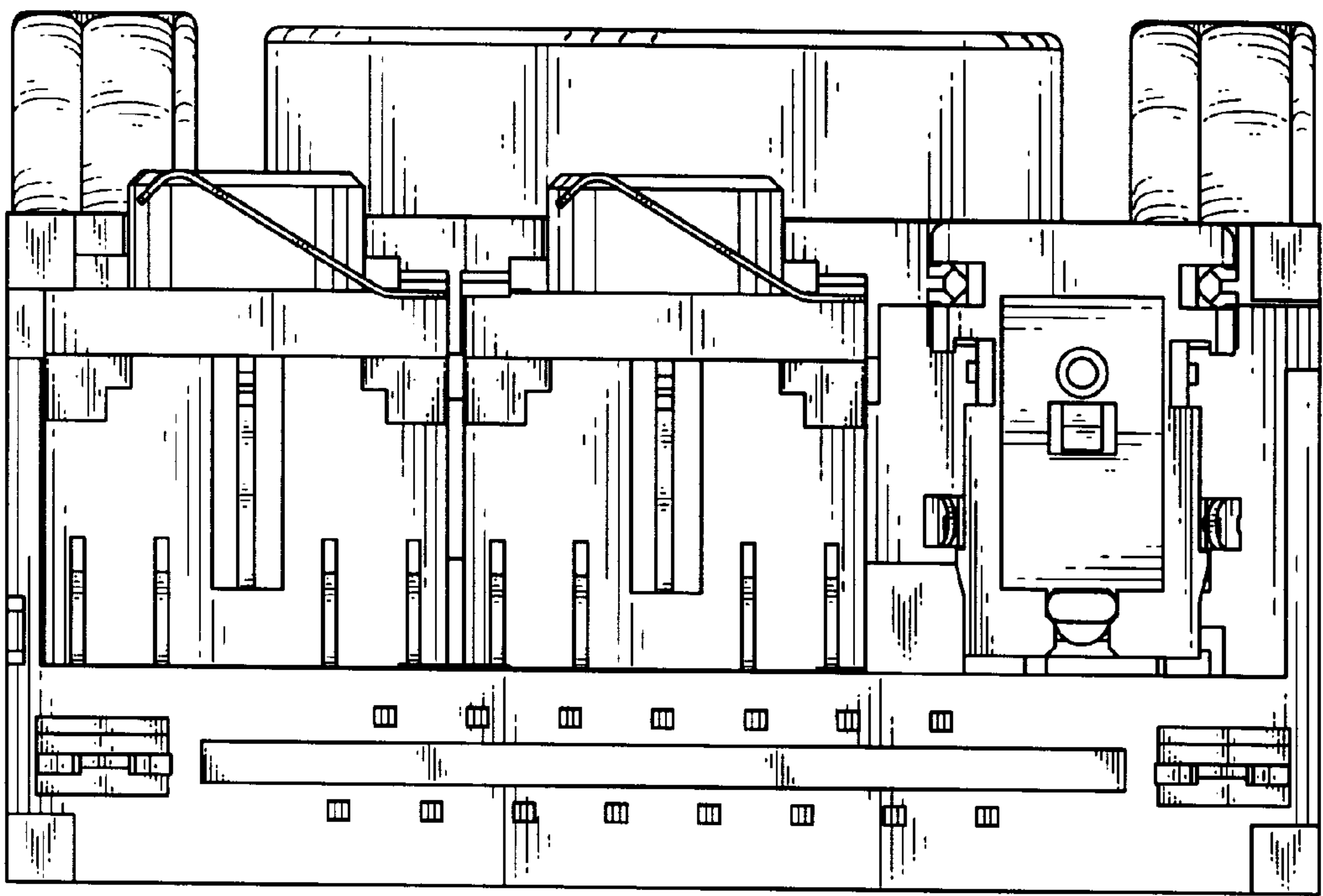


FIG. 7