



US00D433676S

# United States Patent [19]

Yamada et al.

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## [54] DRIVE UNIT FOR AN OPTICAL DISC PLAYER OR RECORDER

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[73] Assignee: **Sony Corporation**, Japan

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

[21] Appl. No.: **29/095,436**

[22] Filed: **Oct. 23, 1998**

### [30] Foreign Application Priority Data

Apr. 24, 1998 [JP] Japan ..... 10-11749

[51] LOC (7) Cl. .... **14-03**

[52] U.S. Cl. .... **D14/239**

[58] Field of Search ..... D14/217, 239, D14/260; 360/99.08, 99.09, 99.11

### [56] References Cited

#### U.S. PATENT DOCUMENTS

4,887,175 12/1989 Hoshi ..... 360/99.08

### OTHER PUBLICATIONS

Catalog; "Optical Device"; Sony; Sep. 1992; pp. 6, 16 & 20.

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### [57] CLAIM

The ornamental design for a drive unit for an optical disc player or recorder, as shown and described.

### DESCRIPTION

FIG. 1 is a perspective view of a drive unit for an optical disc player or recorder showing our new design;  
FIG. 2 is a reduced top plan view of the drive unit for an optical disc player or recorder;  
FIG. 3 is a left side elevational view thereof;  
FIG. 4 is a front elevational view thereof;  
FIG. 5 is a bottom plan view thereof;  
FIG. 6 is a right side elevational view thereof; and,  
FIG. 7 is a rear elevational view thereof.

**1 Claim, 4 Drawing Sheets**

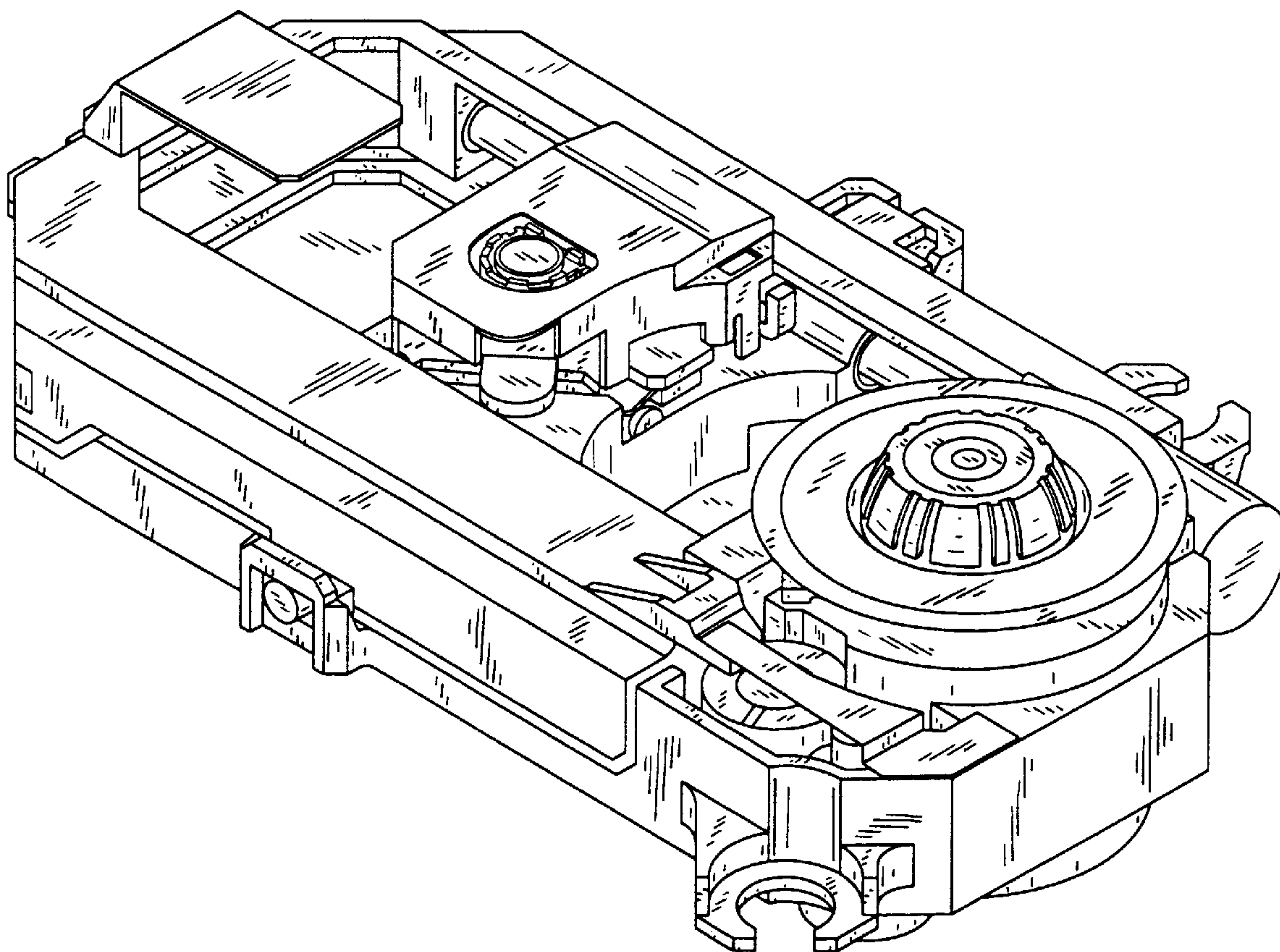
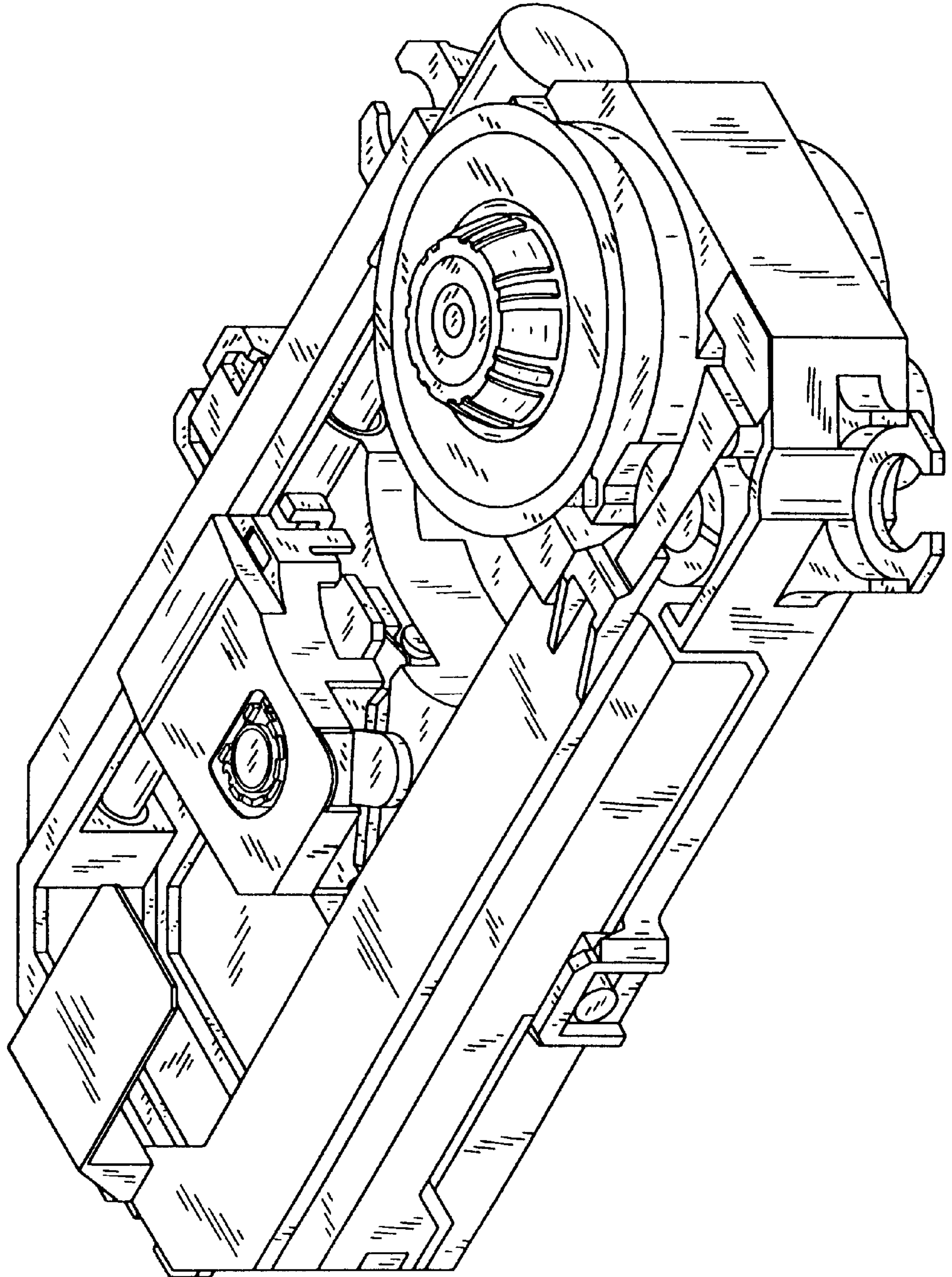
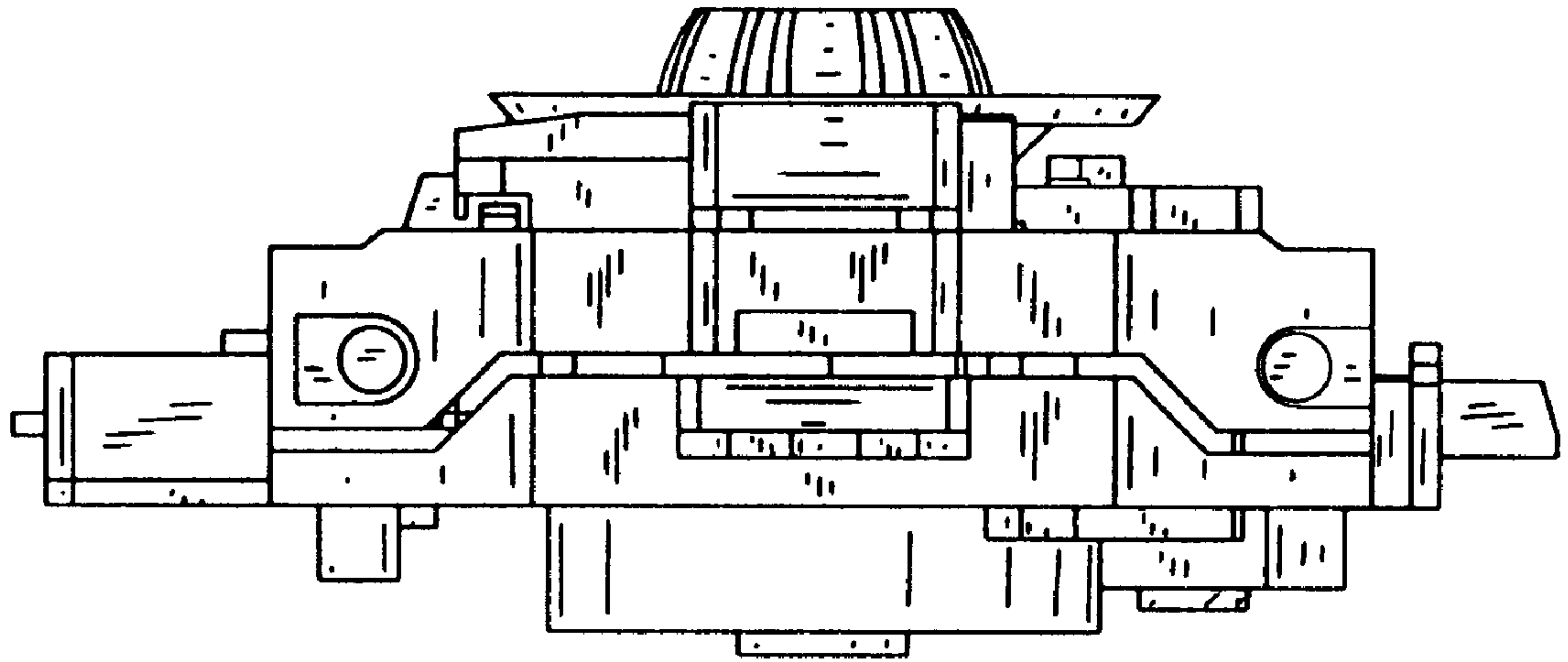


FIG. 1



# FIG. 2



# FIG. 5

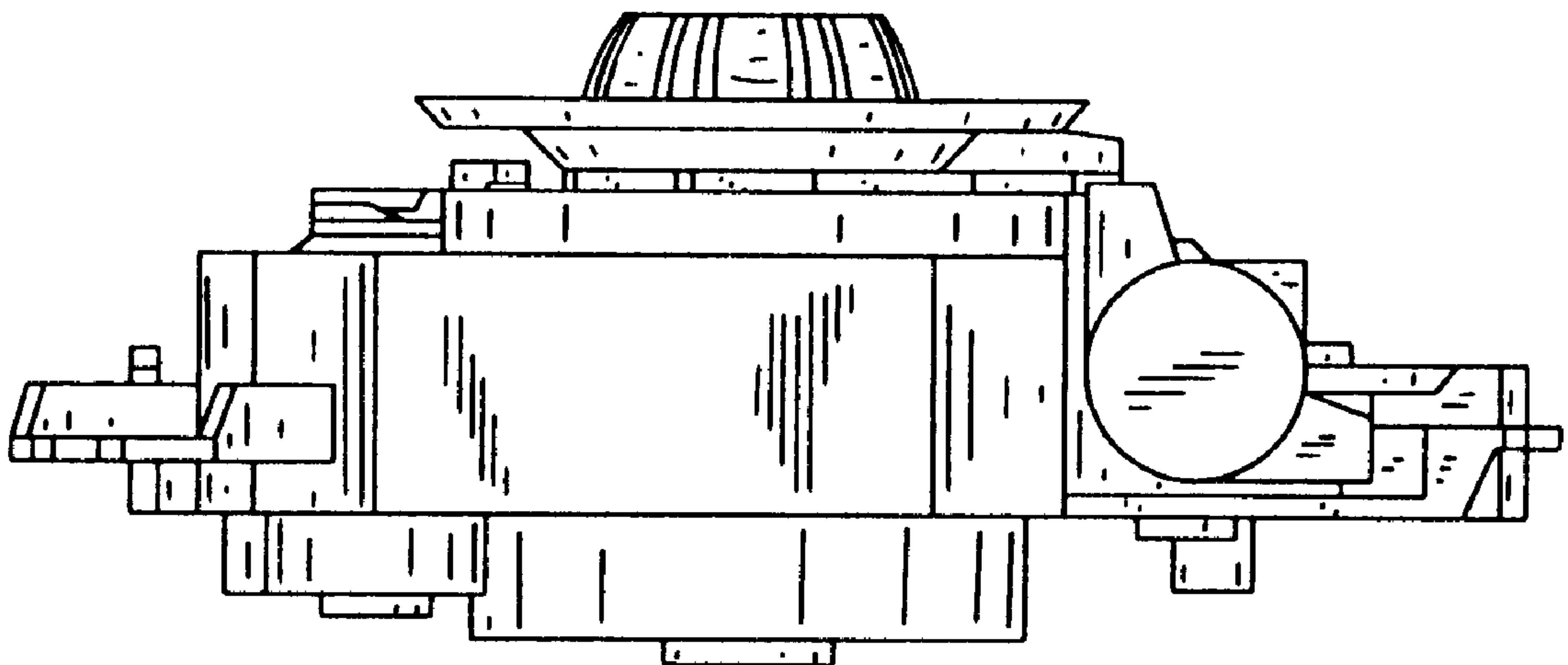




FIG. 4

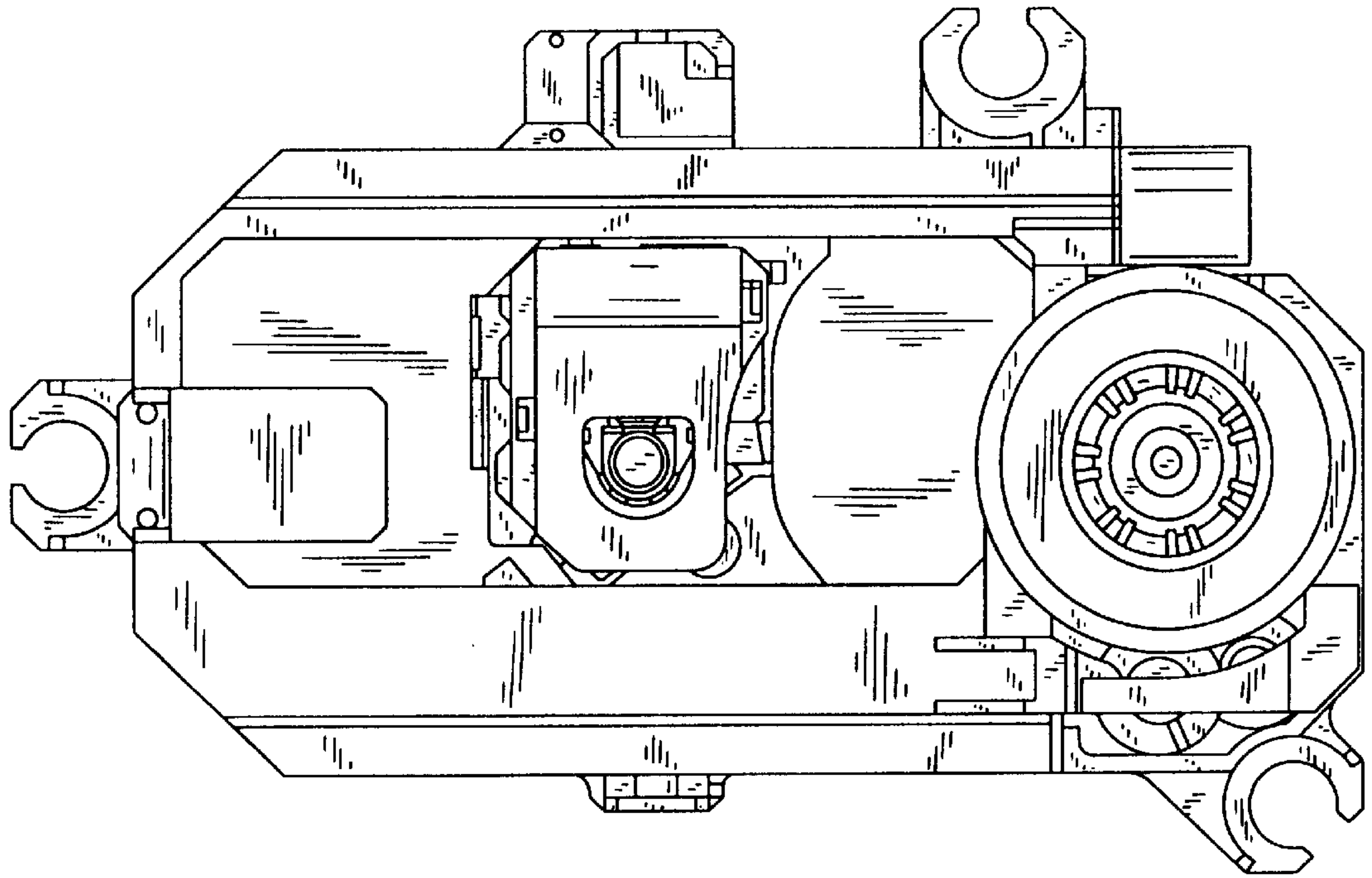


FIG. 3

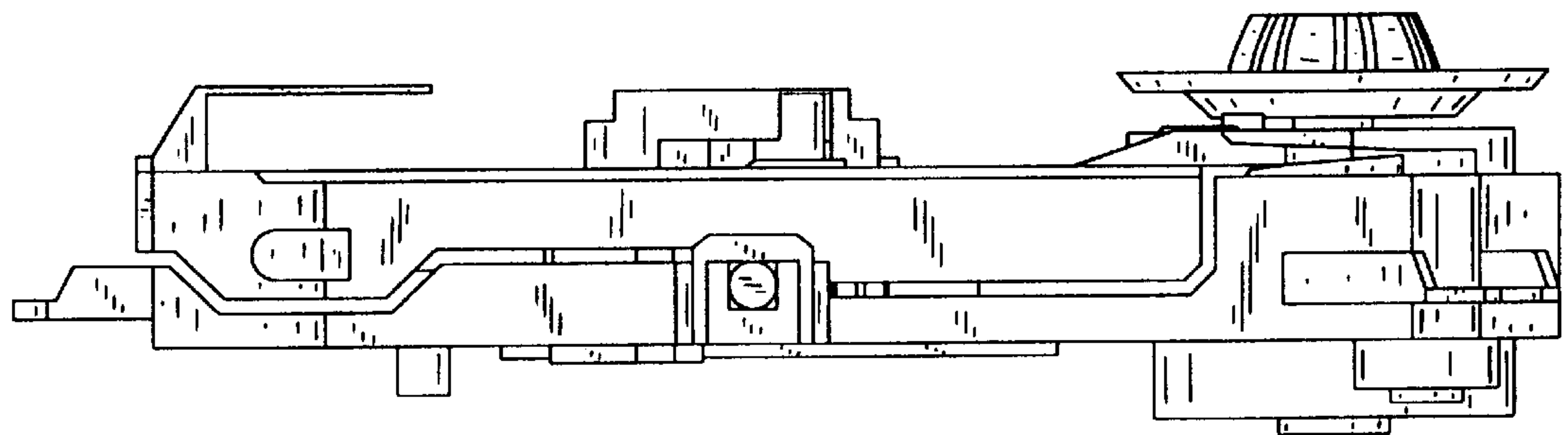


FIG. 7

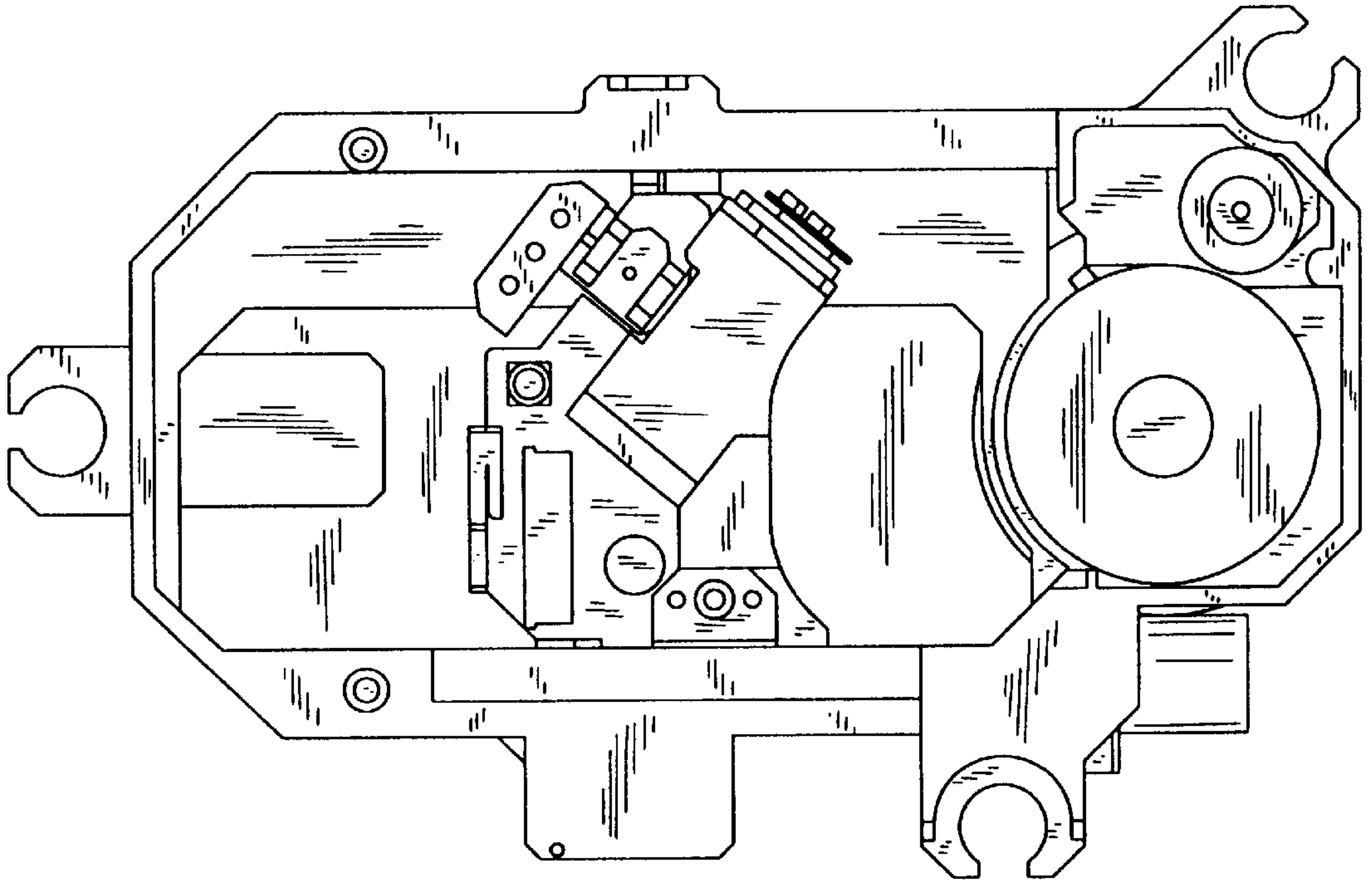


FIG. 6

