



US00D433042S

# United States Patent [19]

[11] Patent Number: Des. 433,042

Kawahara et al.

[45] Date of Patent: \*\* Oct. 31, 2000

## [54] INDUSTRIAL ROBOT

## OTHER PUBLICATIONS

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Catalogue of Quick Change Robot, no date.

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

## [57] CLAIM

[21] Appl. No.: **29/101,035**

The ornamental design for industrial robot, as shown and described.

[22] Filed: **Feb. 23, 1999**

## DESCRIPTION

## [30] Foreign Application Priority Data

Sep. 22, 1998 [JP] Japan ..... 10-27215

FIG. 1 is a front elevational view of an industrial robot, showing our new design;

[51] LOC (7) Cl. .... **15-99**

FIG. 2 is a top plan view thereof;

[52] U.S. Cl. .... **D15/199**

FIG. 3 is a rear elevational view thereof;

[58] Field of Search ..... D15/199; 414/744.2, 414/744.5; 318/560; 74/479, 490.02

FIG. 4 is a bottom plan view thereof;

FIG. 5 is a right side elevational view thereof;

FIG. 6 is a left side elevational view thereof;

FIG. 7 is a front, top and left side perspective view thereof; and,

FIG. 8 is a reference view showing a movable state thereof.

## [56] References Cited

### U.S. PATENT DOCUMENTS

D. 410,660 6/1999 Kawaguchi ..... D15/199

**1 Claim, 5 Drawing Sheets**

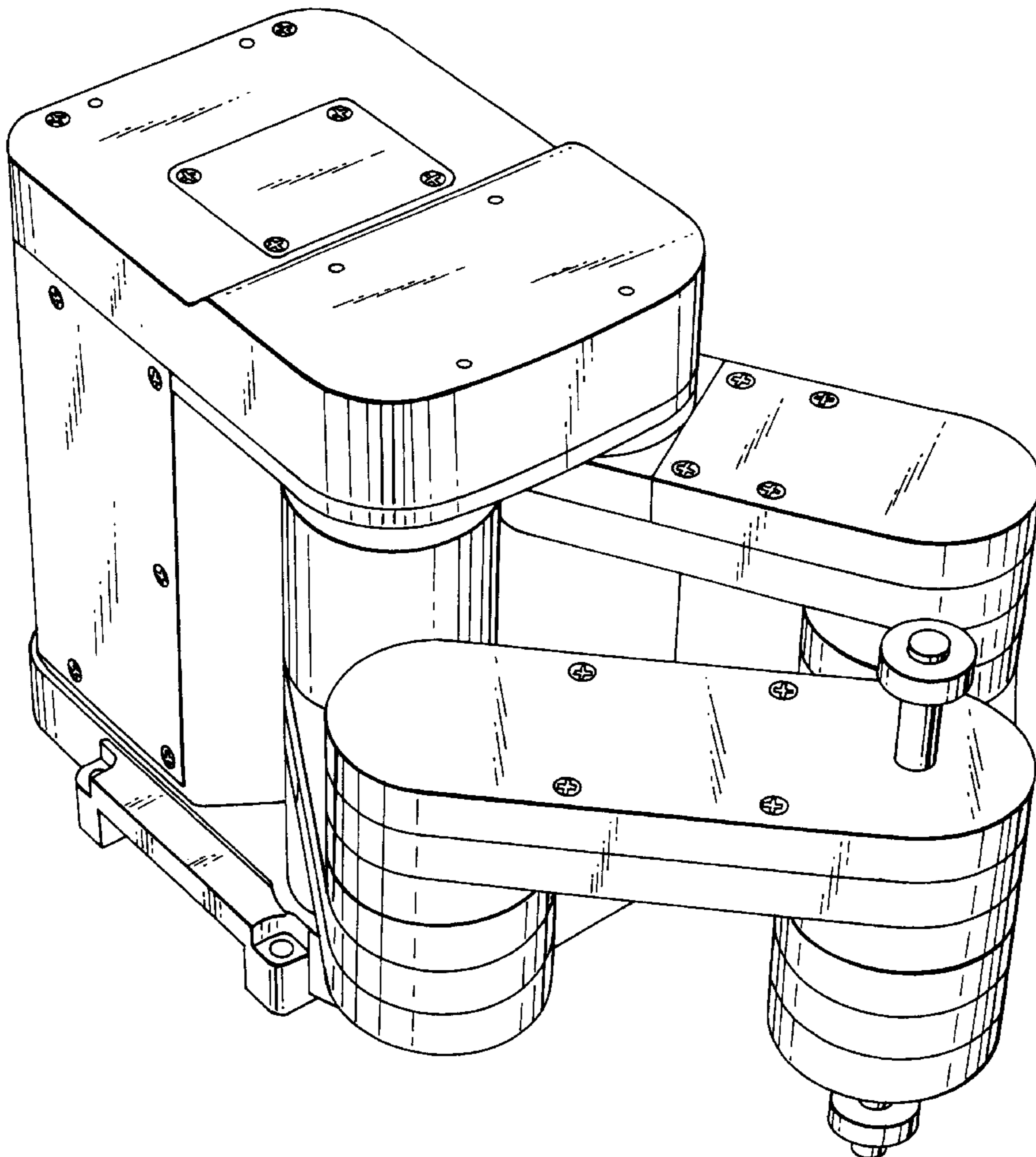


FIG. 1

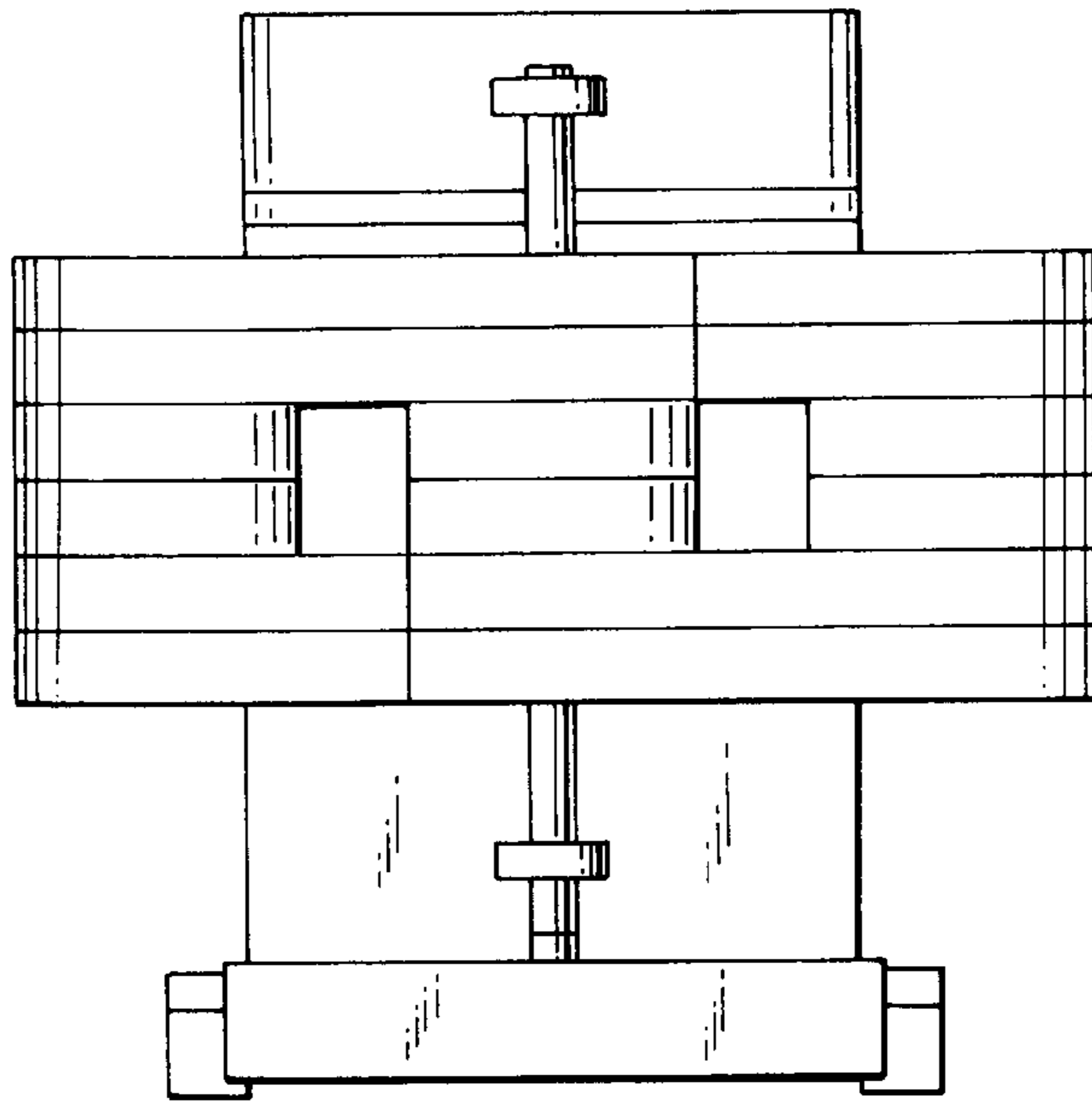


FIG. 2

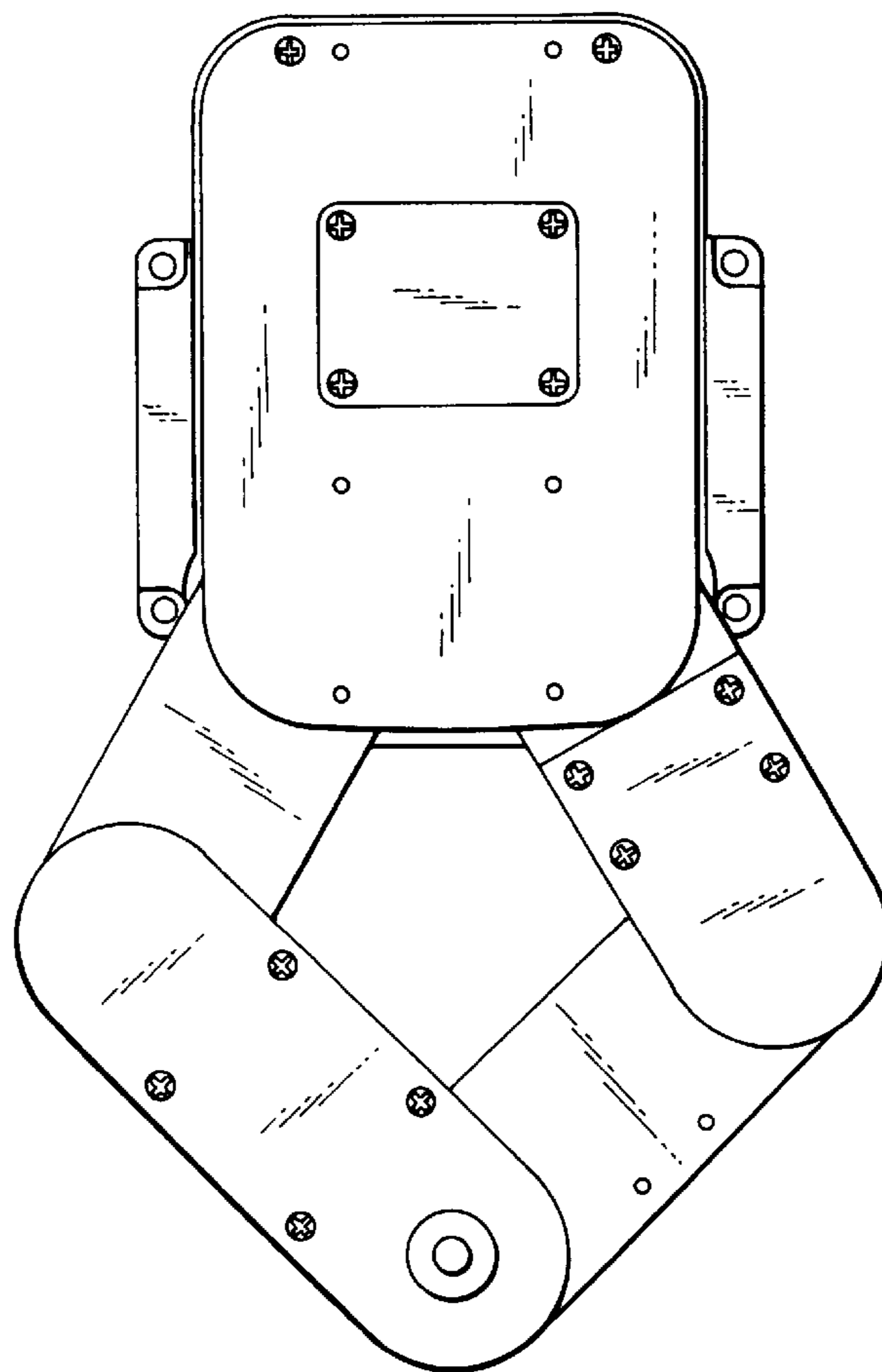


FIG. 3

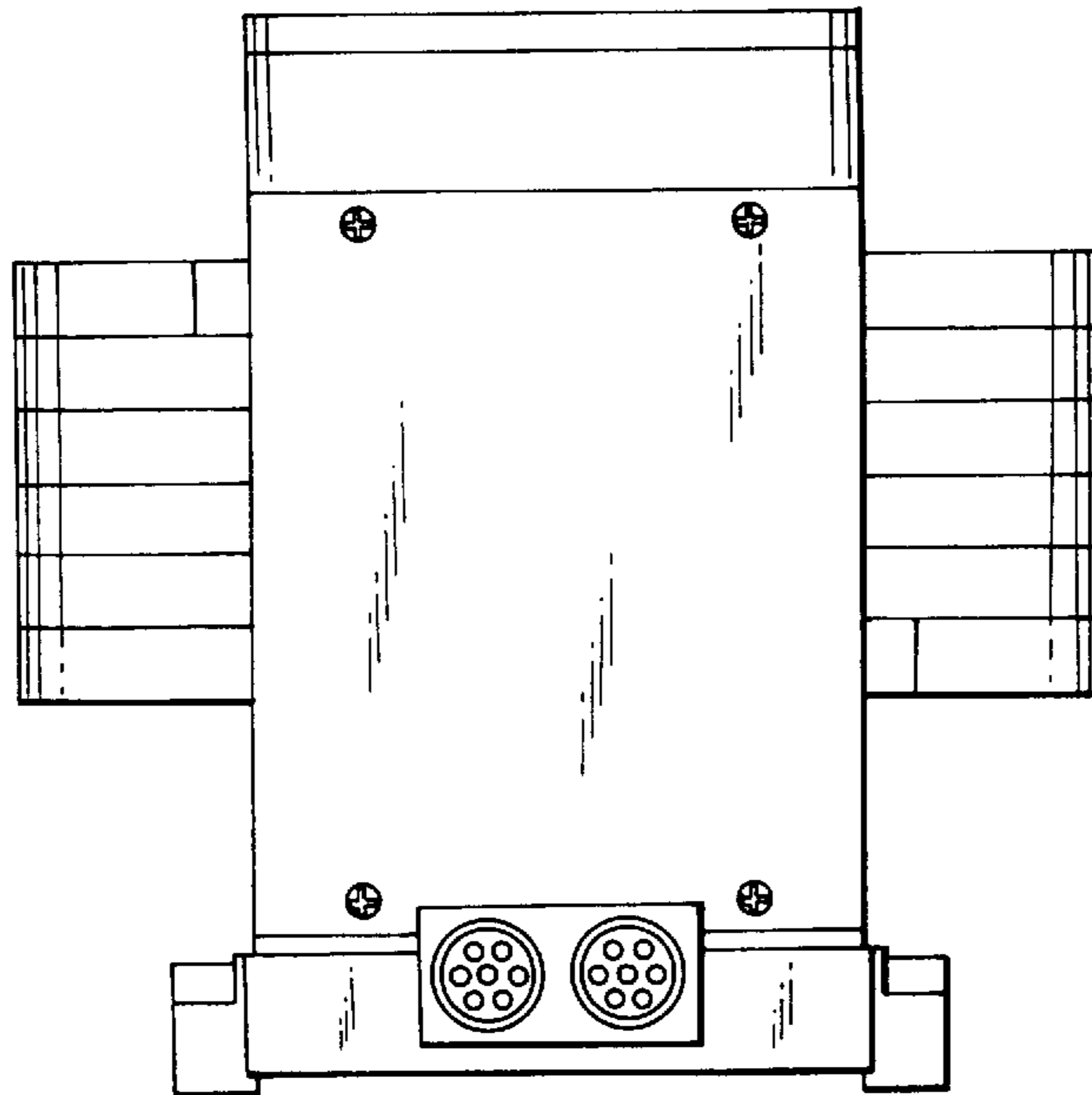


FIG. 4

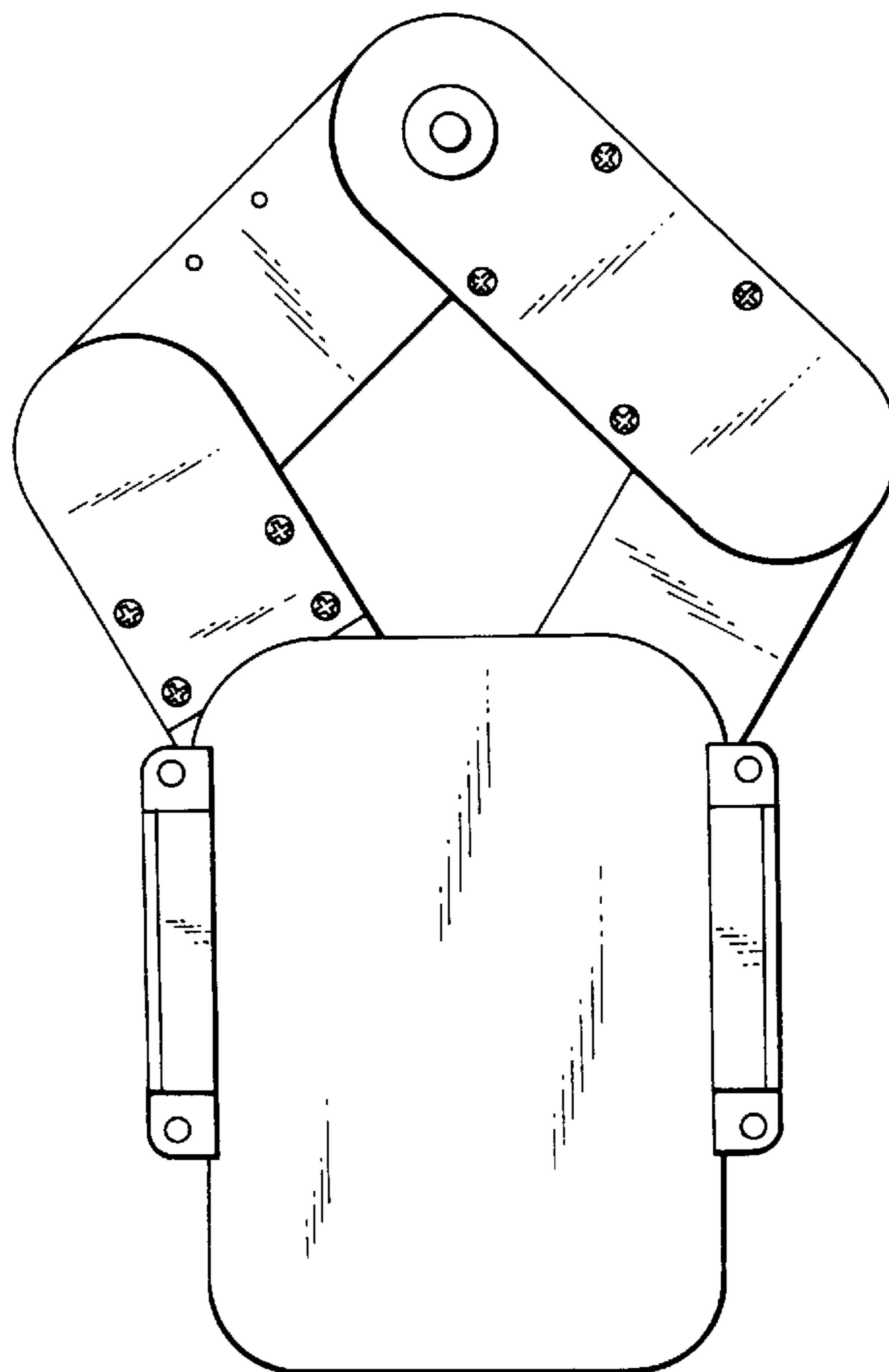


FIG. 5

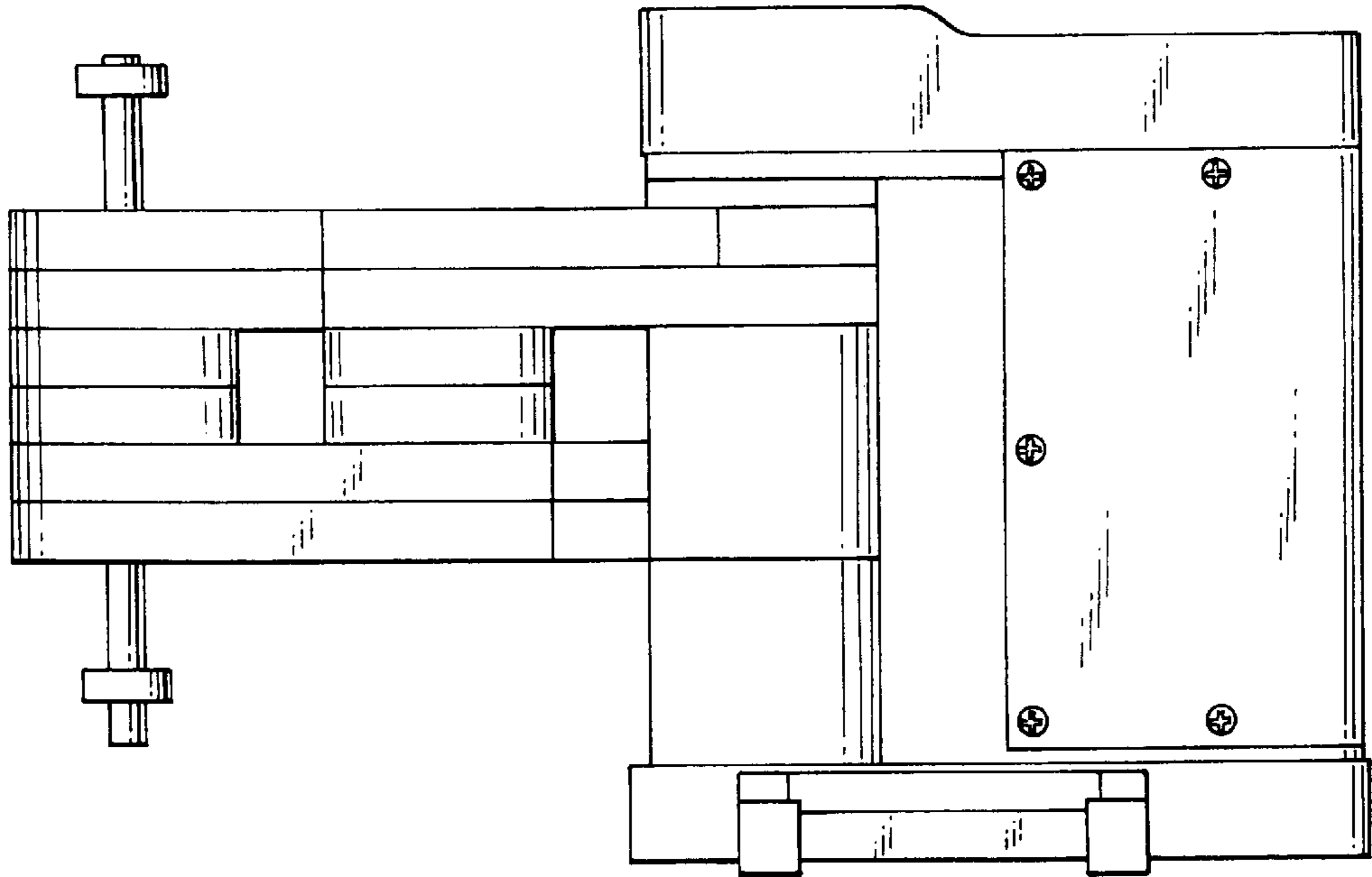


FIG. 6

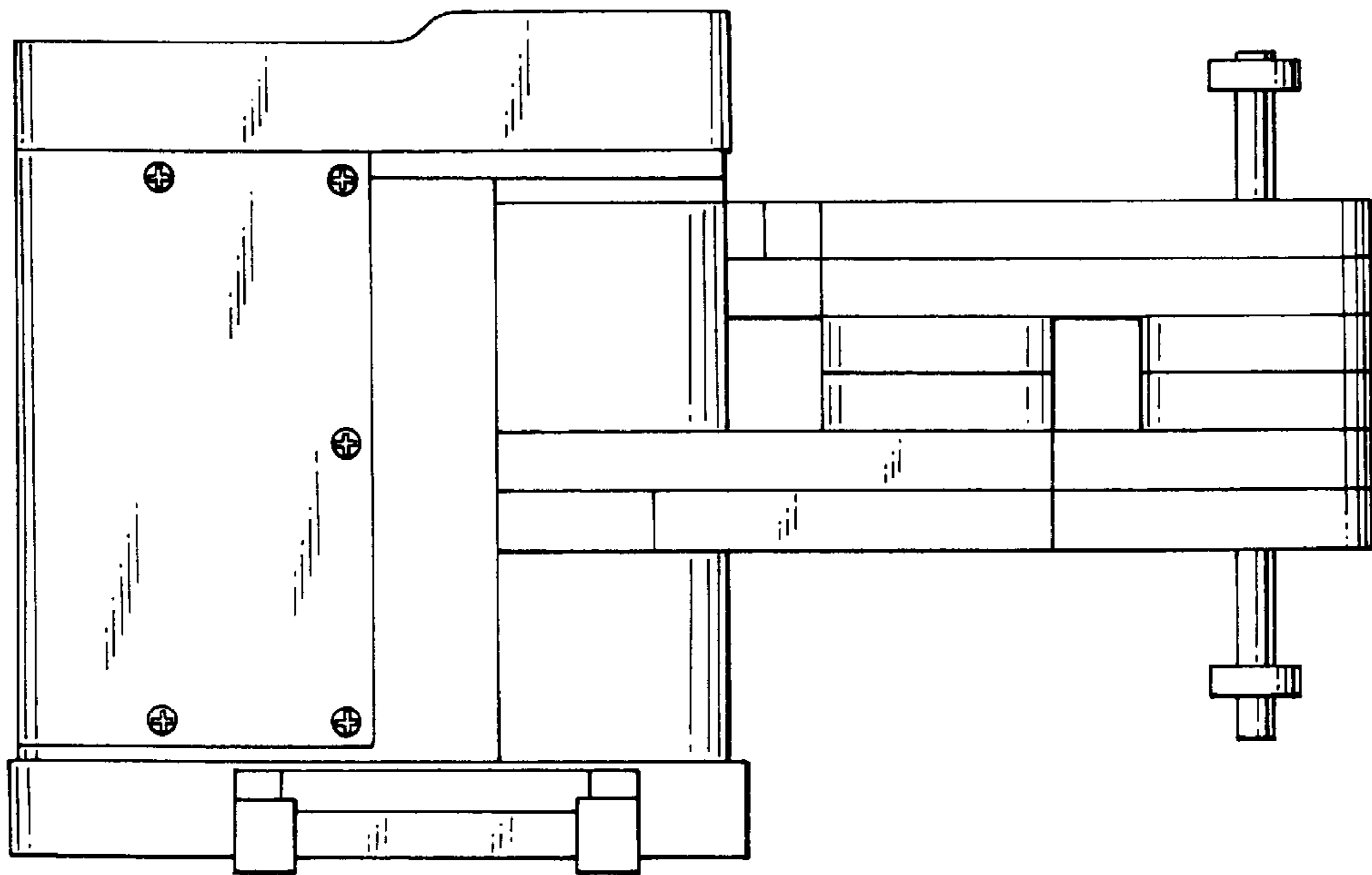


FIG. 7

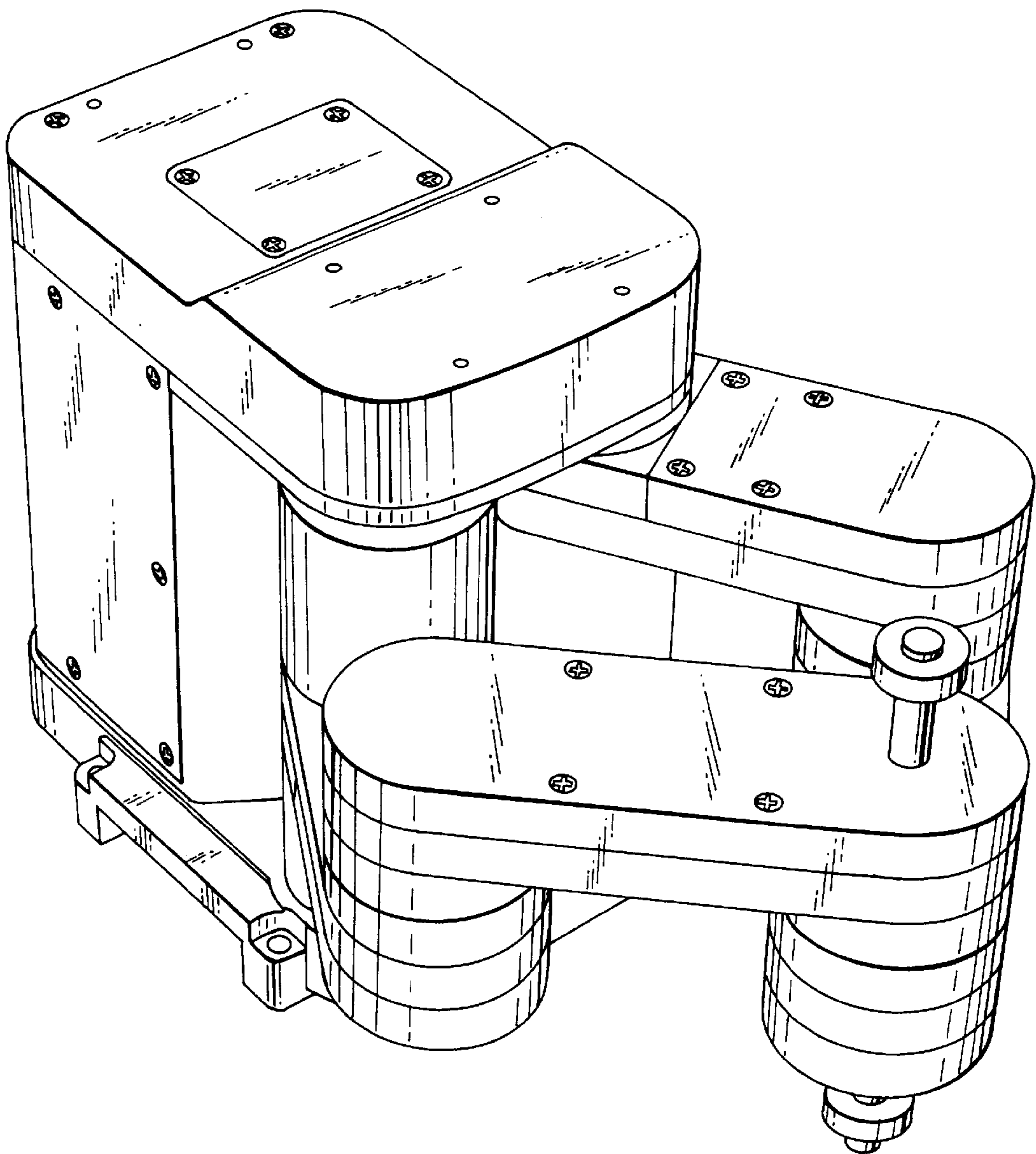


FIG. 8

