

# United States Patent [19]

Shibayama et al.

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[45] Date of Patent: **\*\* Apr. 21, 1987**

[54] **INDUSTRIAL ROBOT**

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[73] Assignee: **Hitachi, Ltd., Tokyo, Japan**

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

[21] Appl. No.: **582,799**

[22] Filed: **Feb. 23, 1984**

[30] **Foreign Application Priority Data**

Aug. 26, 1983 [JP] Japan ..... 58-36980

[52] U.S. Cl. .... **D15/199; D15/122**

[58] Field of Search ..... **D15/122, 199; 901/14, 901/16, 18, 30, 42; 414/728, 729, 732, 738, 749**

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[57] **CLAIM**

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

**DESCRIPTION**

FIG. 1 is a front, top and right side perspective view of an industrial robot showing our new design; FIG. 2 is a front elevational view thereof; FIG. 3 is a right side elevational view thereof; FIG. 4 is a top plan view thereof; FIG. 5 is a left side elevational view thereof; FIG. 6 is a bottom plan view thereof; FIG. 7 is a rear elevational view thereof; and FIG. 8 is a front, top and right side perspective view thereof, the pipes and connector brackets being shown in broken lines for illustrative purposes only.

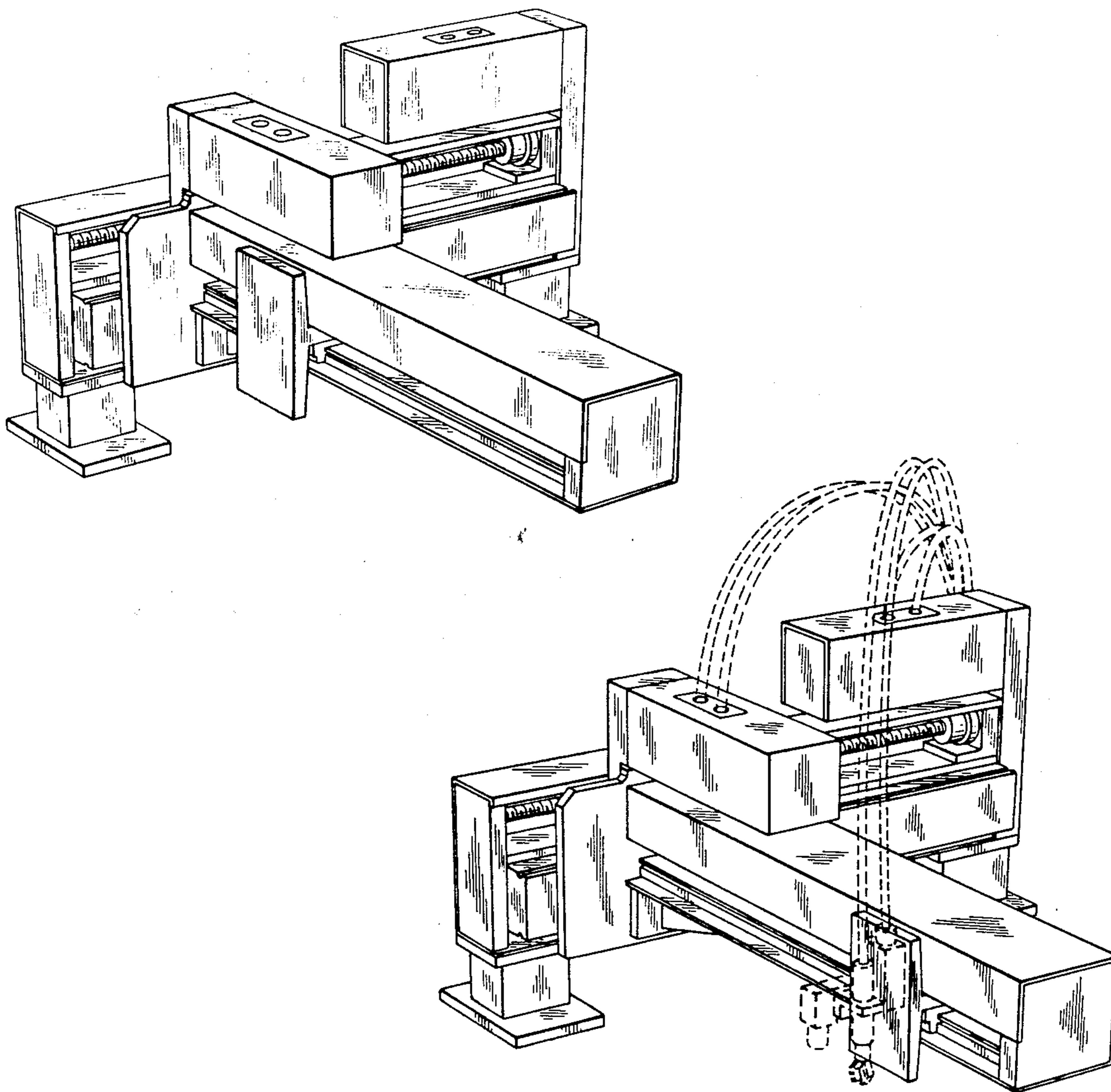


FIG. 1

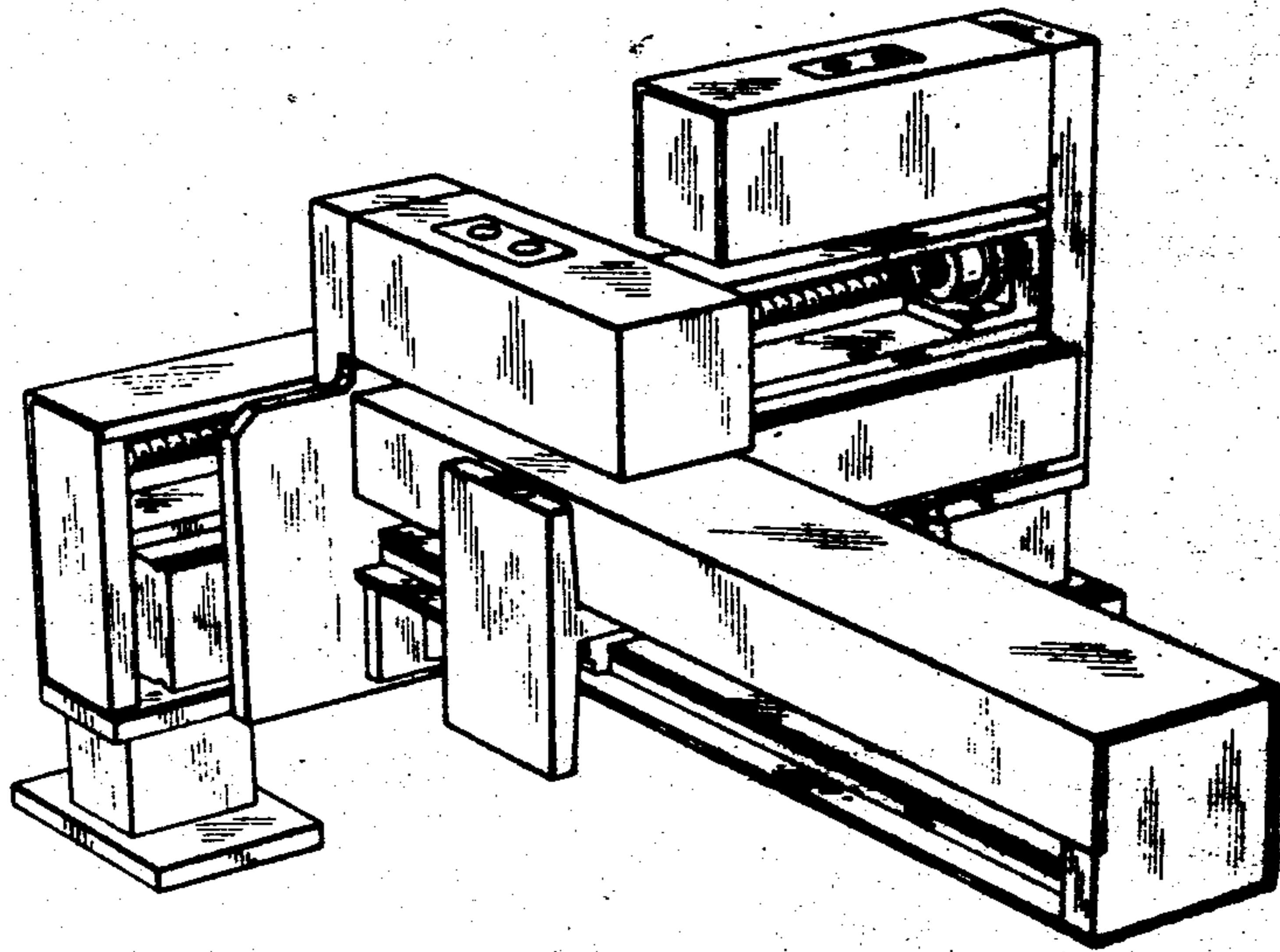


FIG. 2

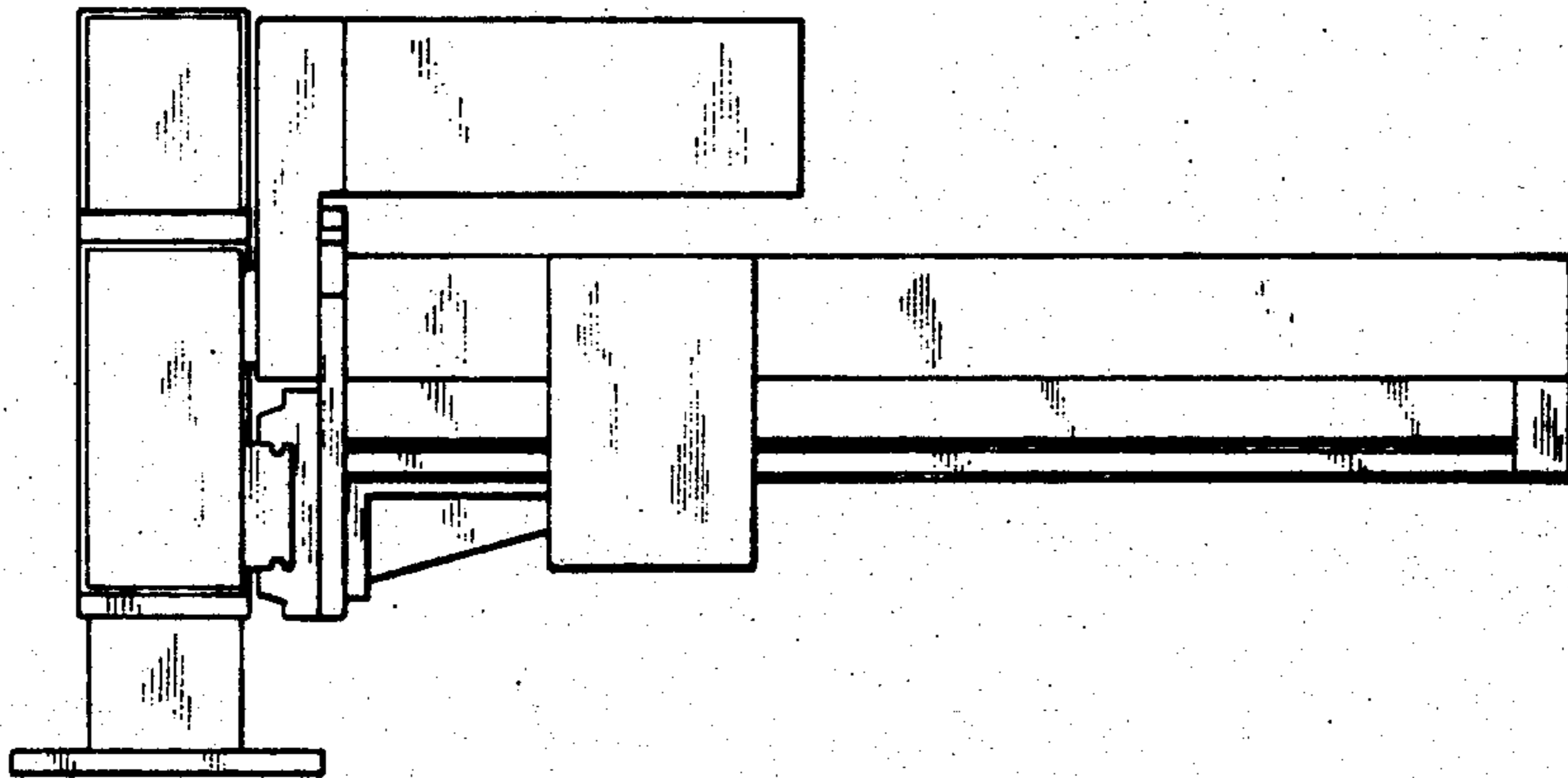


FIG. 3

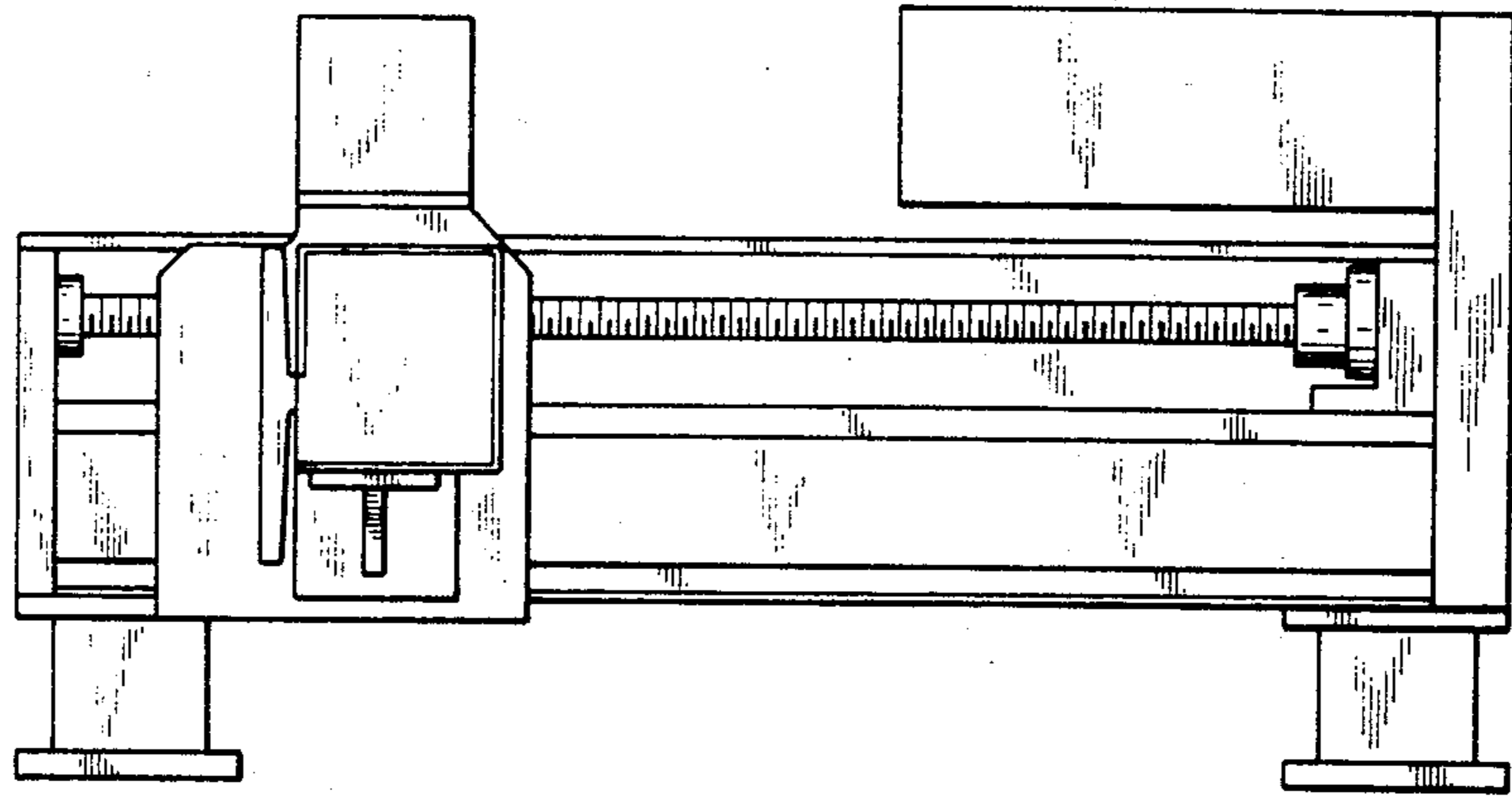


FIG. 4

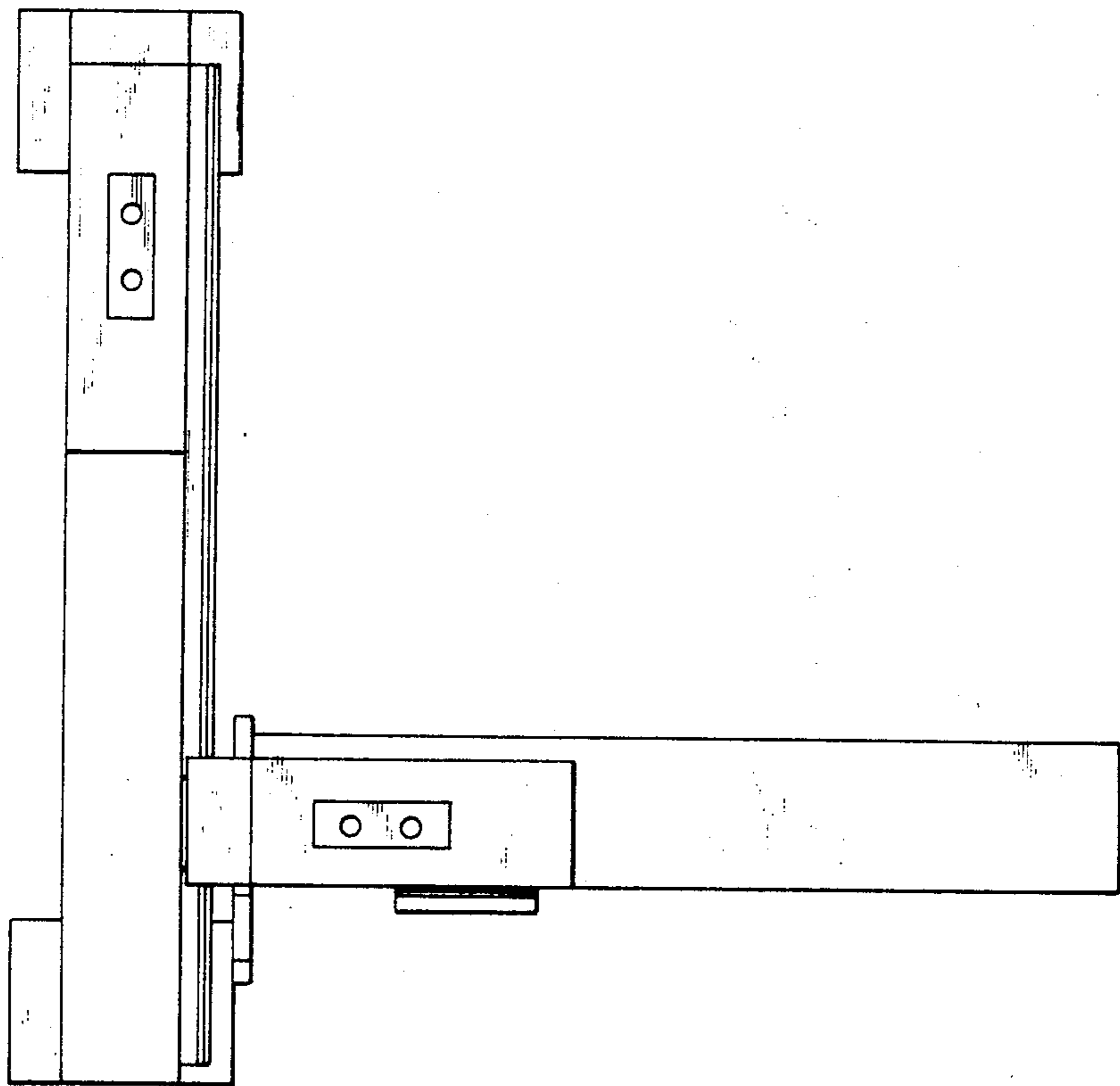


FIG. 5

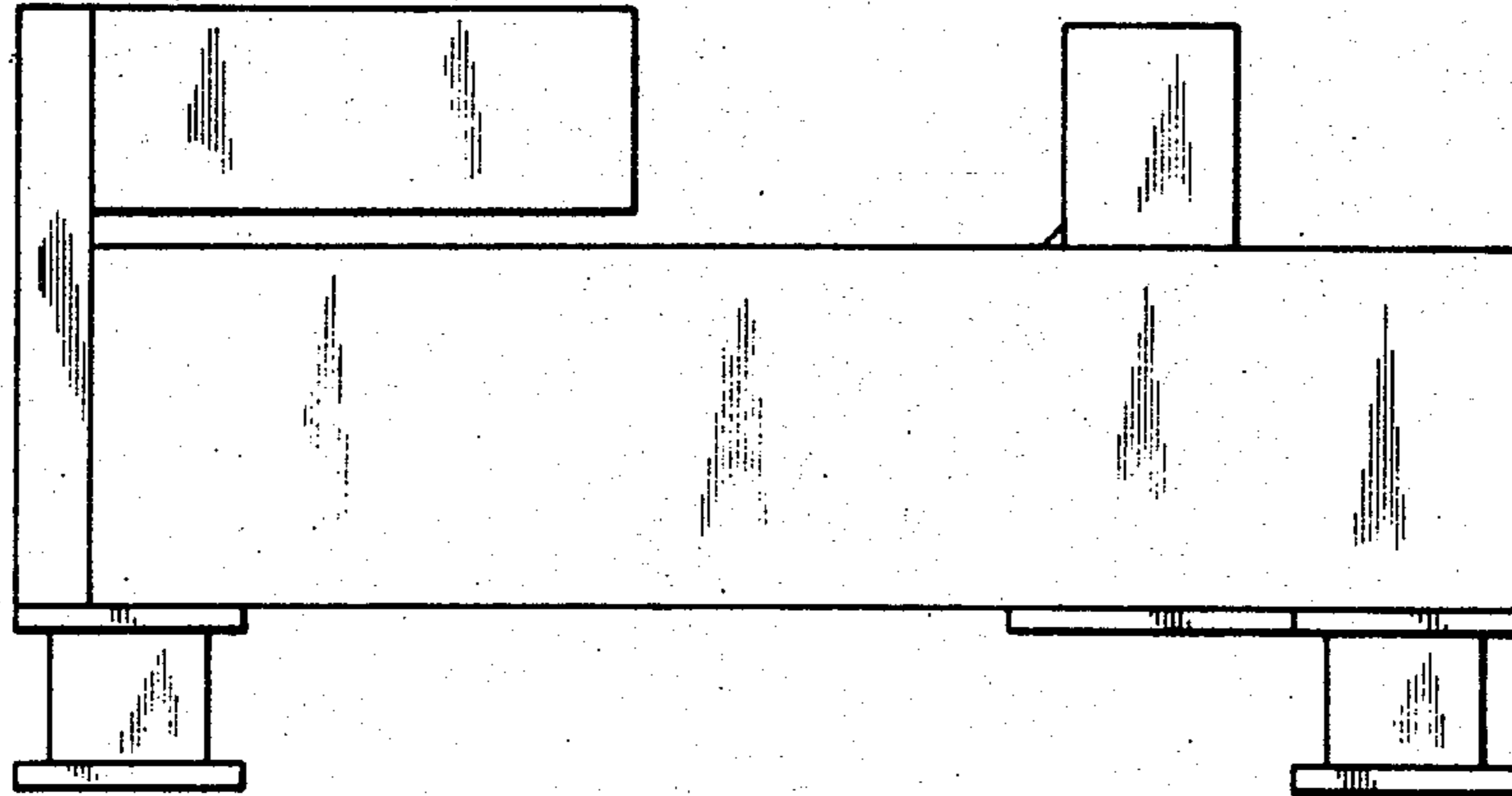


FIG. 6

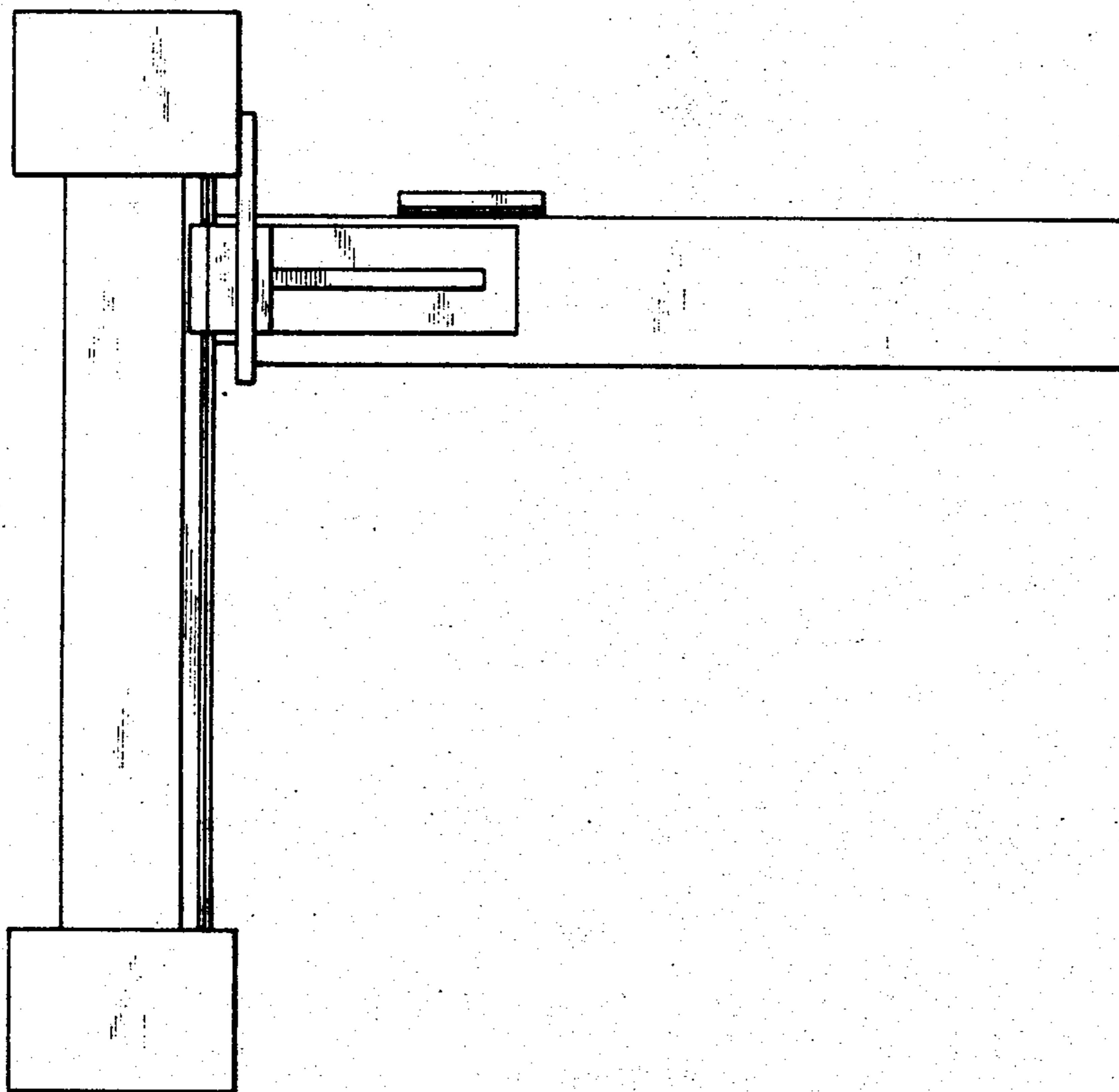


FIG. 7

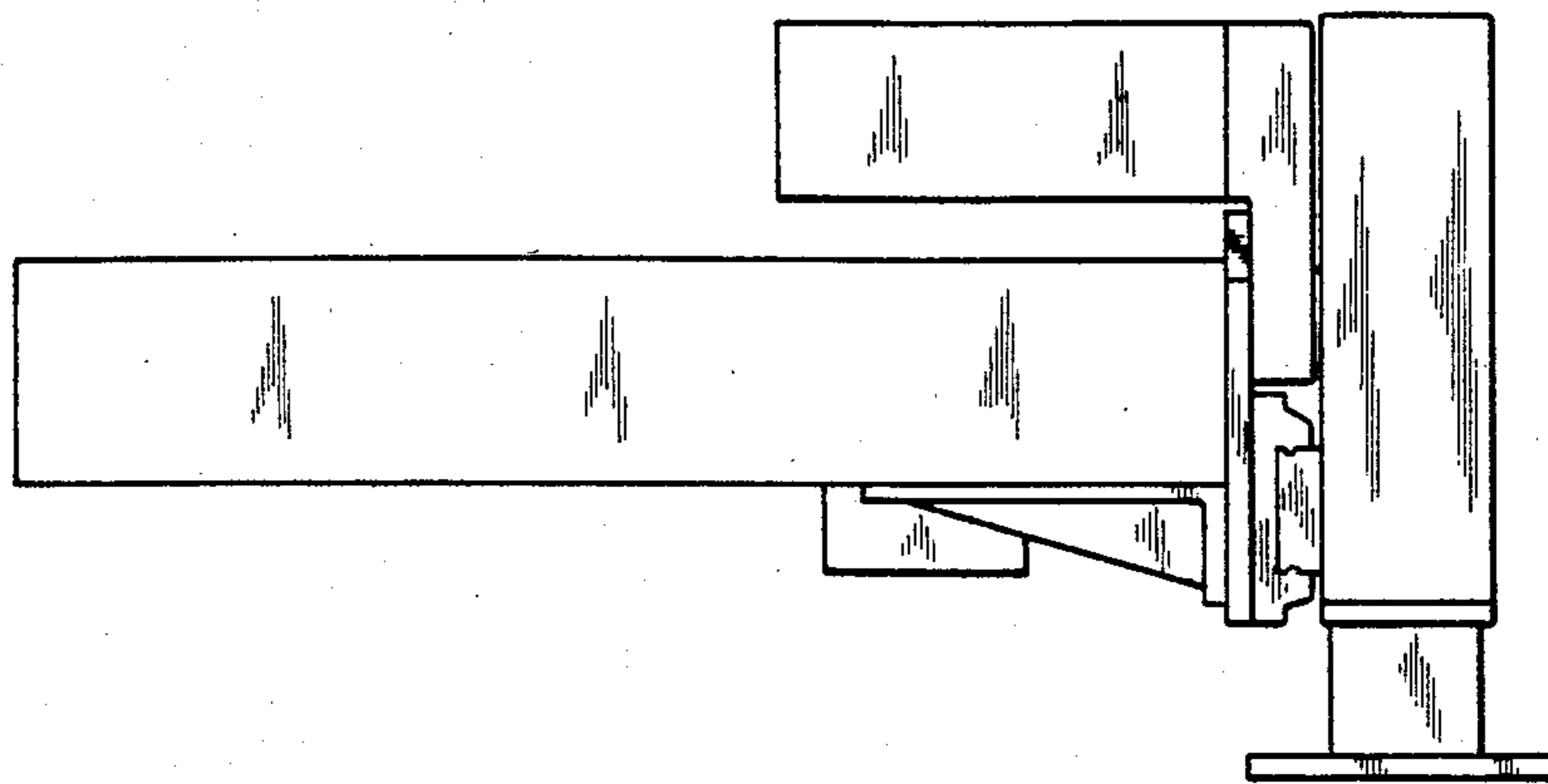


FIG. 8

