



US00D331039S

# United States Patent [19]

Watanabe

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[54] ELECTRICAL CONNECTOR FOR A  
PRINTED CIRCUIT BOARD

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[73] Assignee: Hirose Electric Co., Ltd., Tokyo,  
Japan

[\*] Notice: The portion of the term of this patent  
subsequent to Sep. 29, 2006 has been  
disclaimed.

[\*\*] Term: 14 Years

[21] Appl. No.: 525,395

[22] Filed: May 18, 1990

[30] Foreign Application Priority Data

Dec. 8, 1989 [JP] Japan ..... 1-44450

[52] U.S. Cl. .... D13/147

[58] Field of Search ..... D13/147; D14/240, 256;  
439/76, 78, 80, 81, 82, 83, 344, 676, 668;  
379/442

[56] References Cited

## U.S. PATENT DOCUMENTS

D. 298,617 11/1988 Nakajo ..... D14/256  
D. 300,424 3/1989 Matsuzaki et al. .... D13/147  
D. 311,725 10/1990 Tanaka et al. .... D13/147

D. 314,577 2/1991 Strauss ..... D13/147 X  
4,225,209 9/1980 Hughes ..... 439/344  
4,267,467 5/1981 Hughes ..... 439/344  
4,423,288 12/1983 Webb ..... D14/256 X  
4,444,451 4/1984 Myers ..... 439/344  
4,688,875 8/1987 O'Connor ..... 439/676  
4,713,016 12/1987 Kato ..... D13/147 X

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Attorney, Agent, or Firm—Kanesaka & Takeuchi

[57] CLAIM

The ornamental design for an electrical connector for a  
printed circuit board, as shown and described.

## DESCRIPTION

FIG. 1 is a front elevational view of an electrical con-  
nector for a printed circuit board showing my new  
design;

FIG. 2 is a bottom plan view thereof;

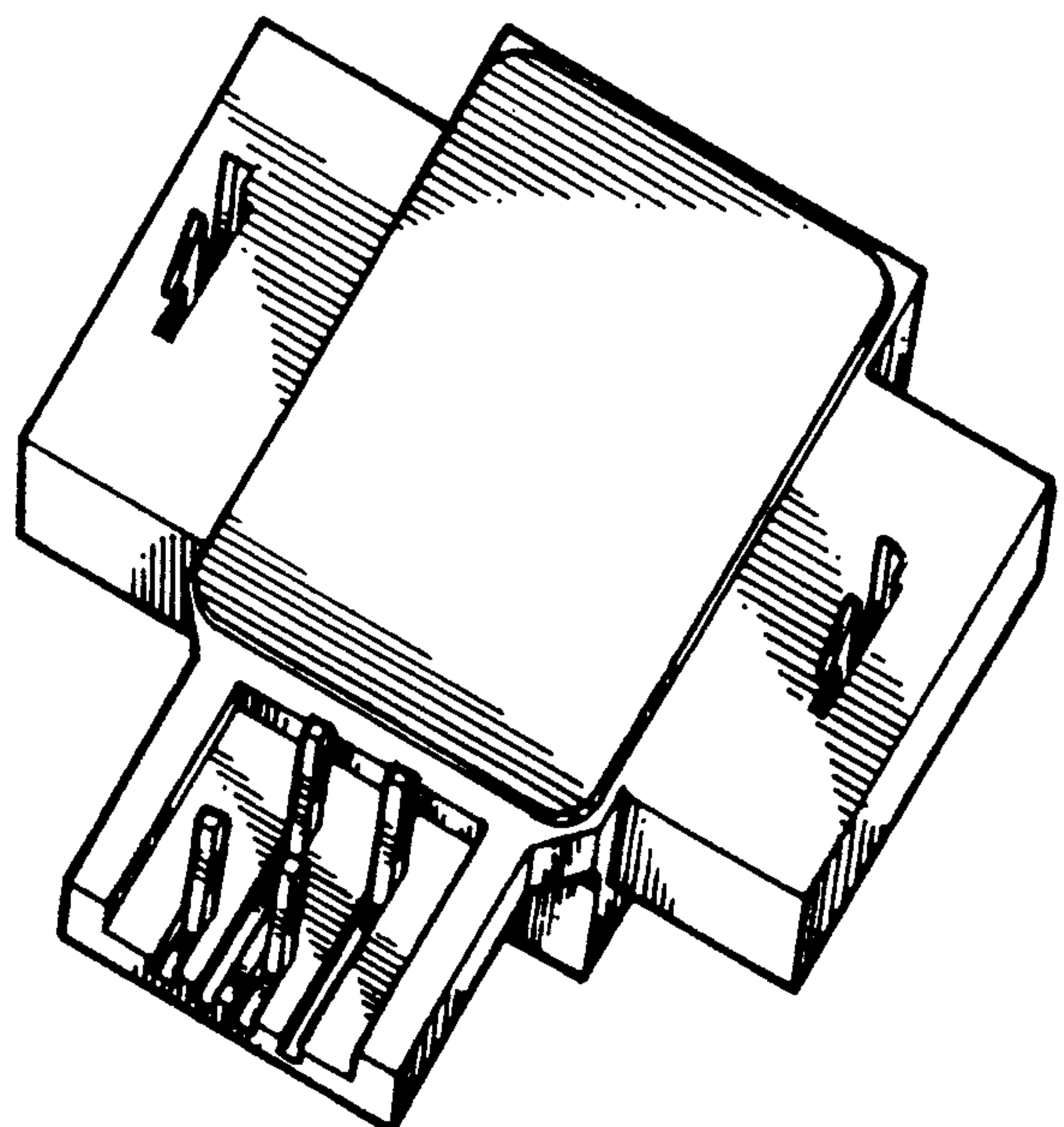
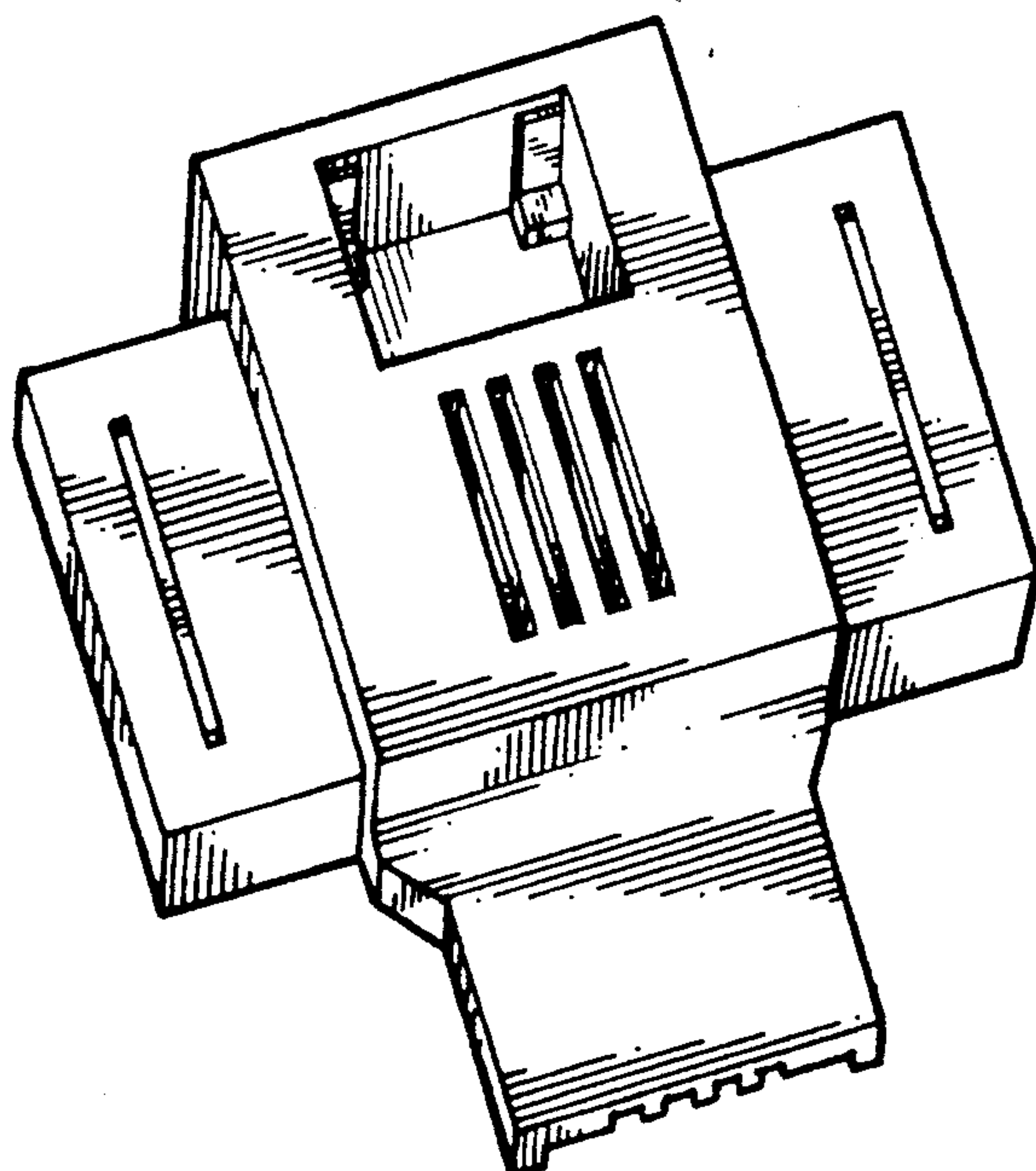
FIG. 3 is a top plan view thereof;

FIG. 4 is a rear elevational view thereof;

FIG. 5 is a left side elevational view thereof, the right  
side elevational view thereof being a mirror image;

FIG. 6 is a rear and lower right perspective view  
thereof; and,

FIG. 7 is a front and lower left perspective view  
thereof.





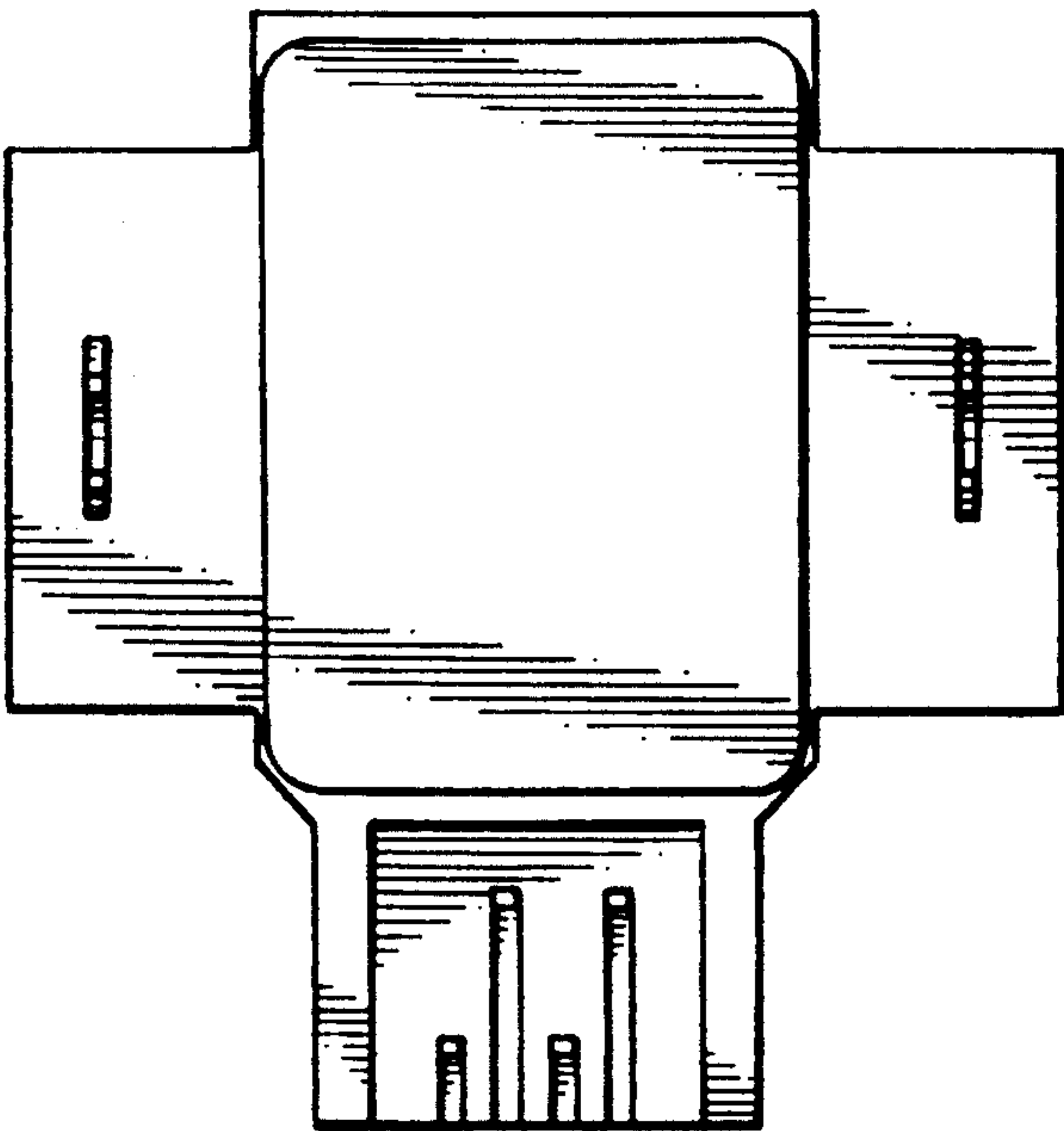


FIG. 1

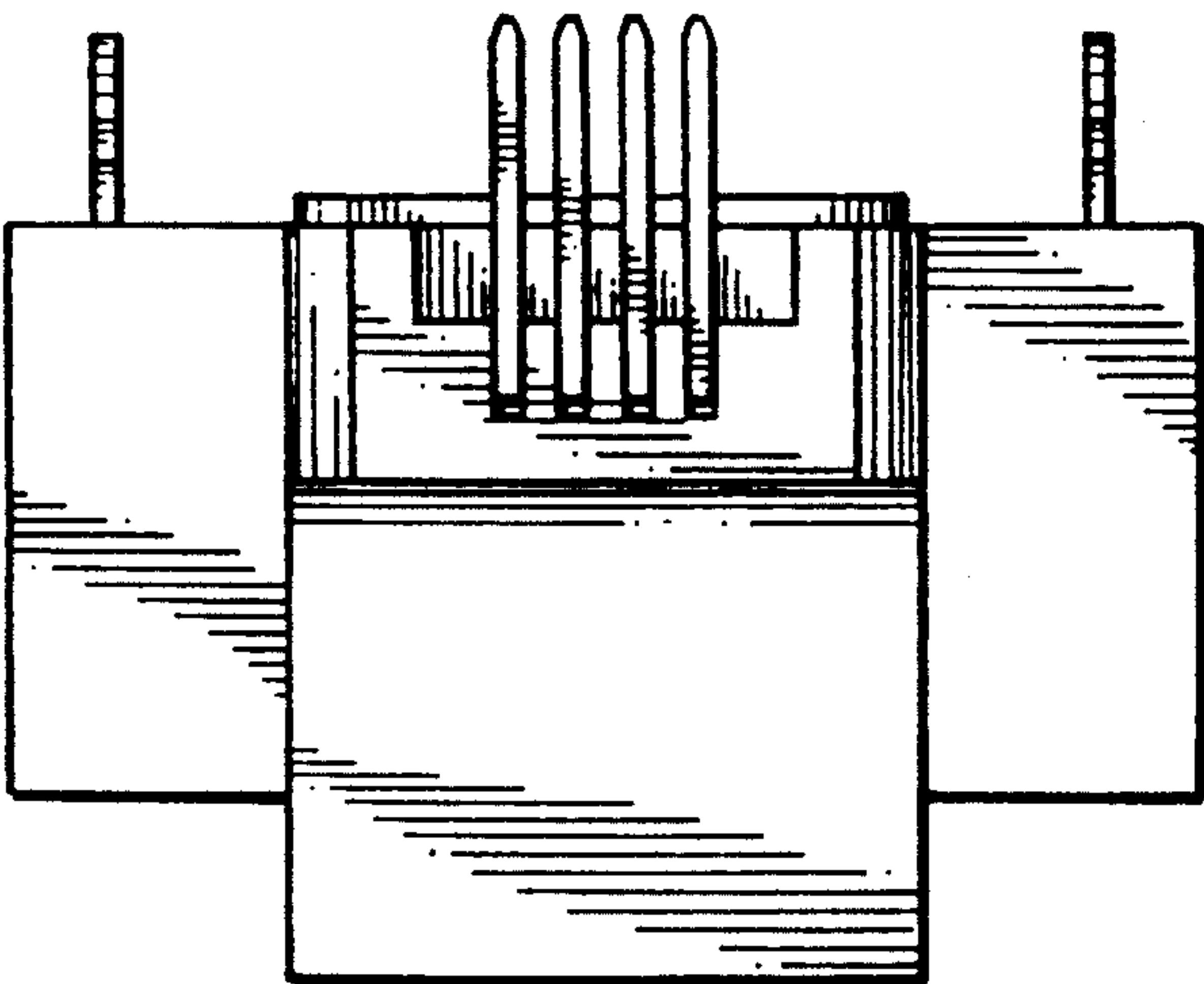


FIG. 2



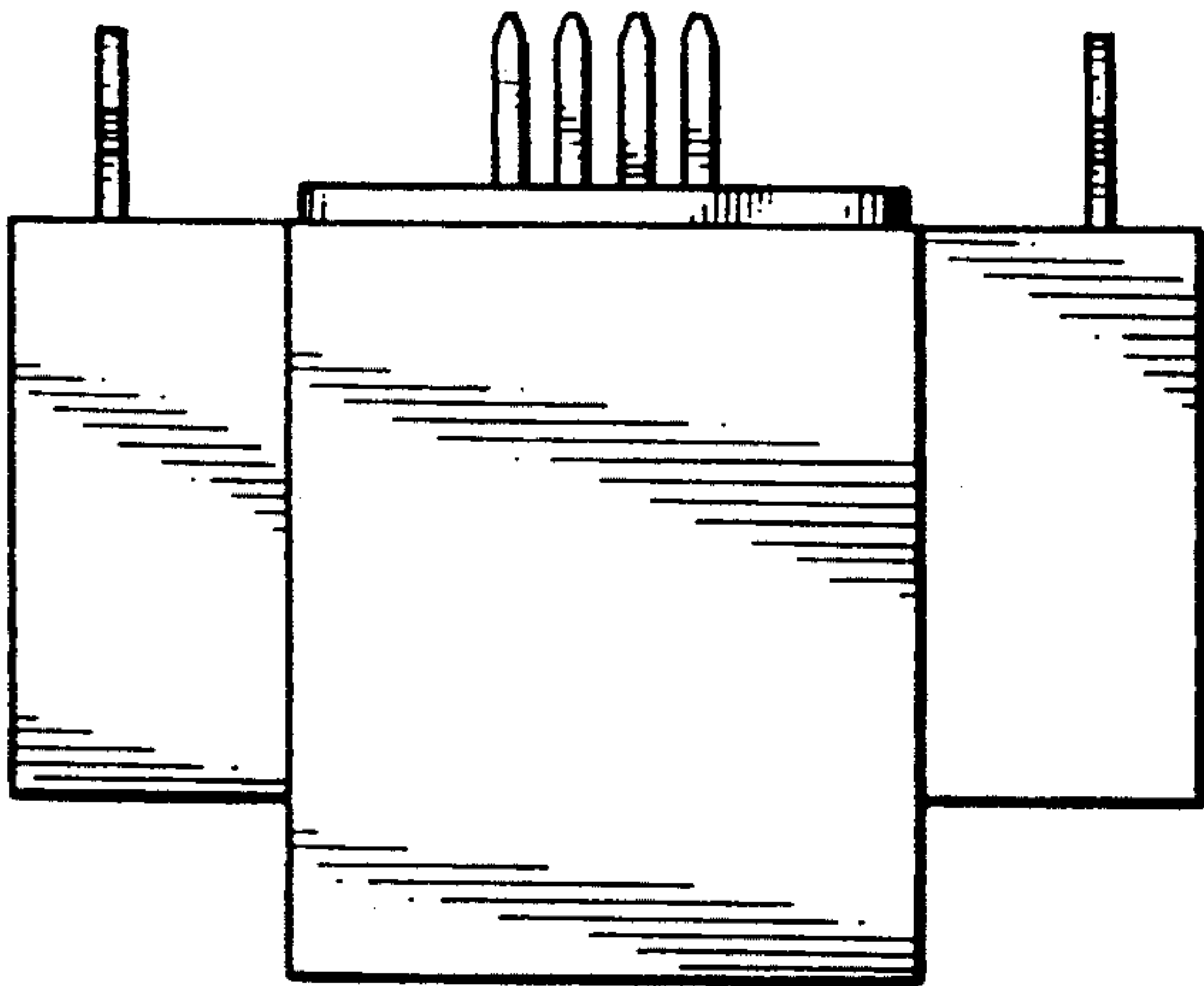


FIG. 3

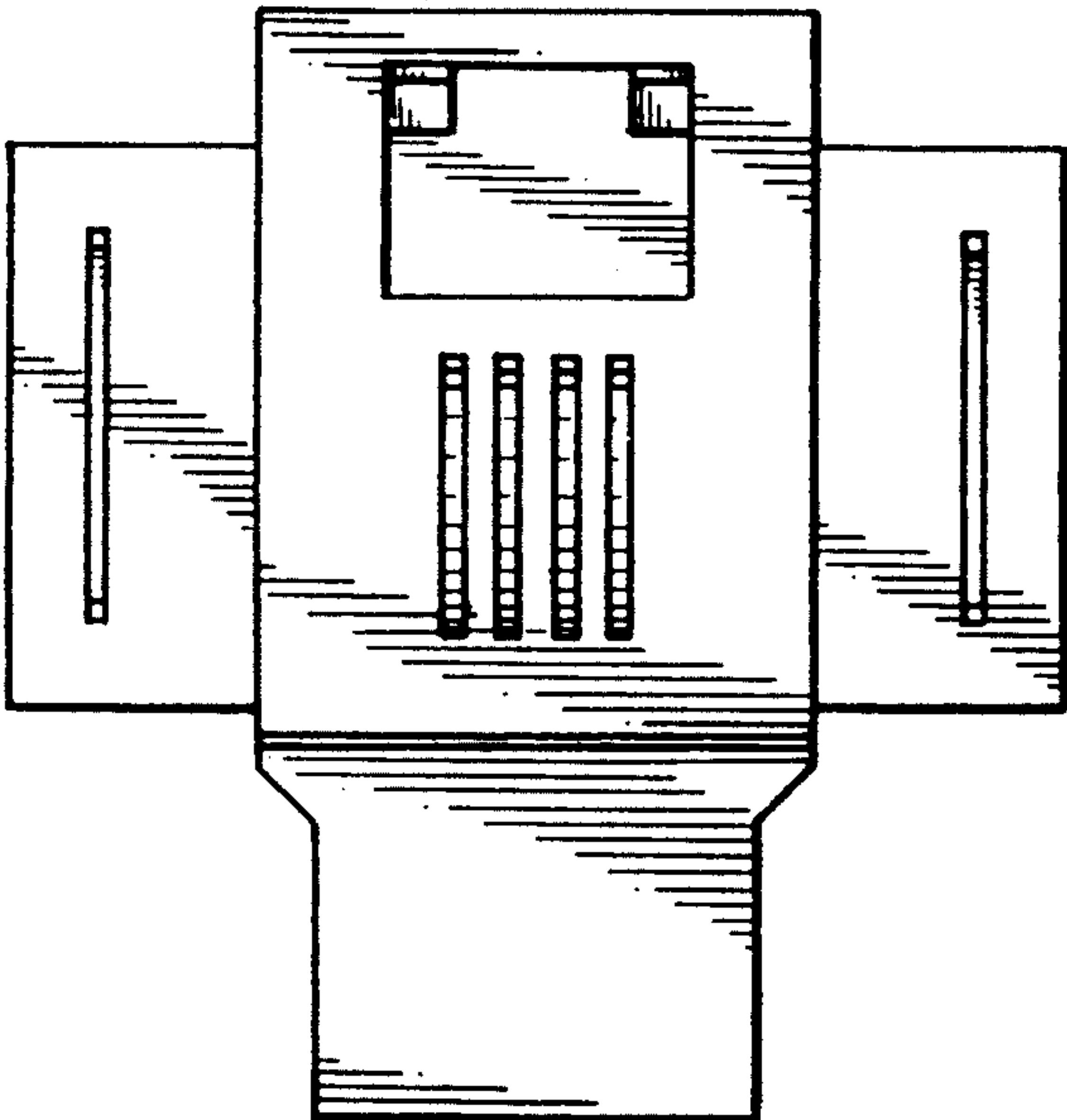


FIG. 4

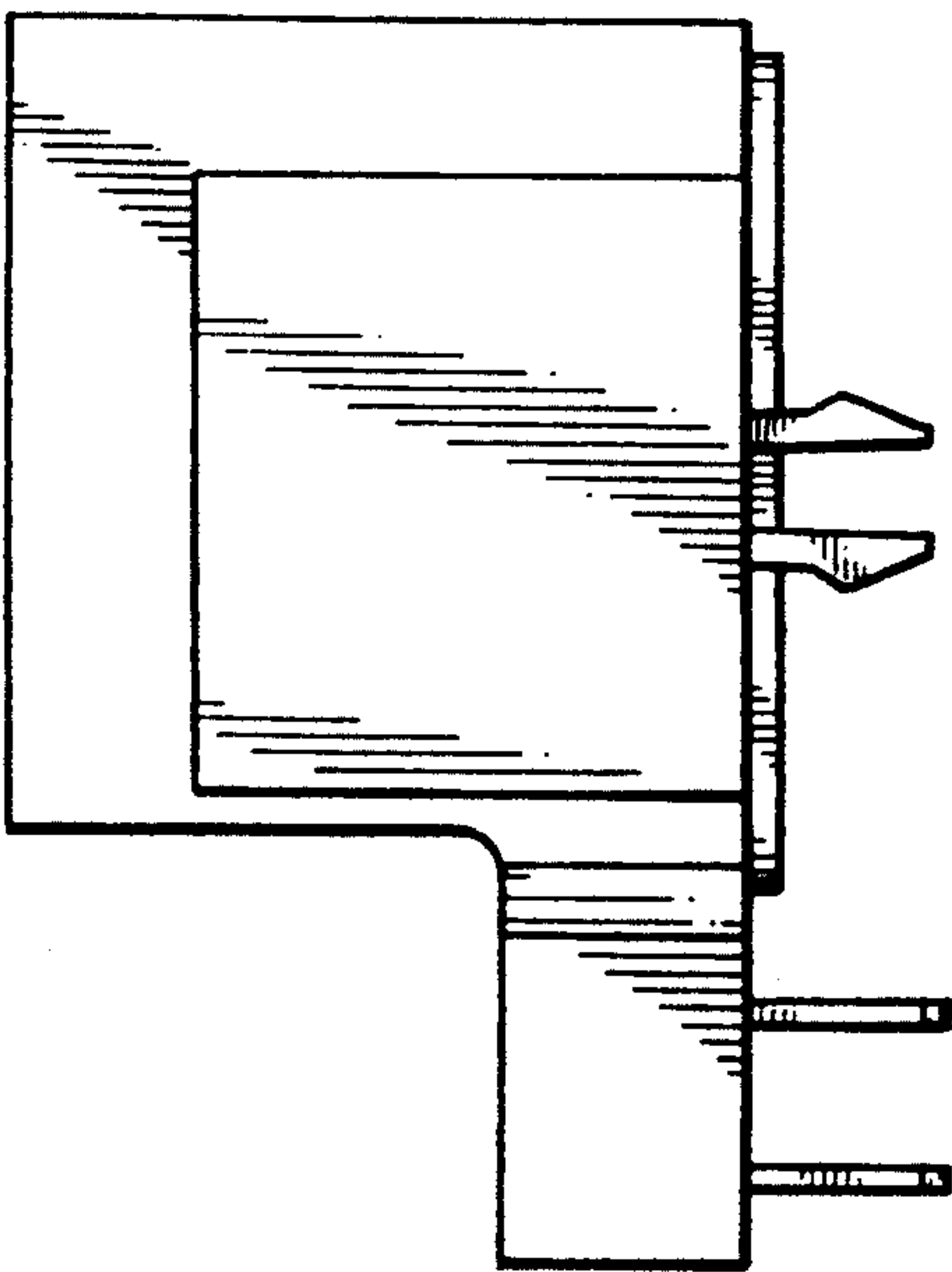


FIG. 5



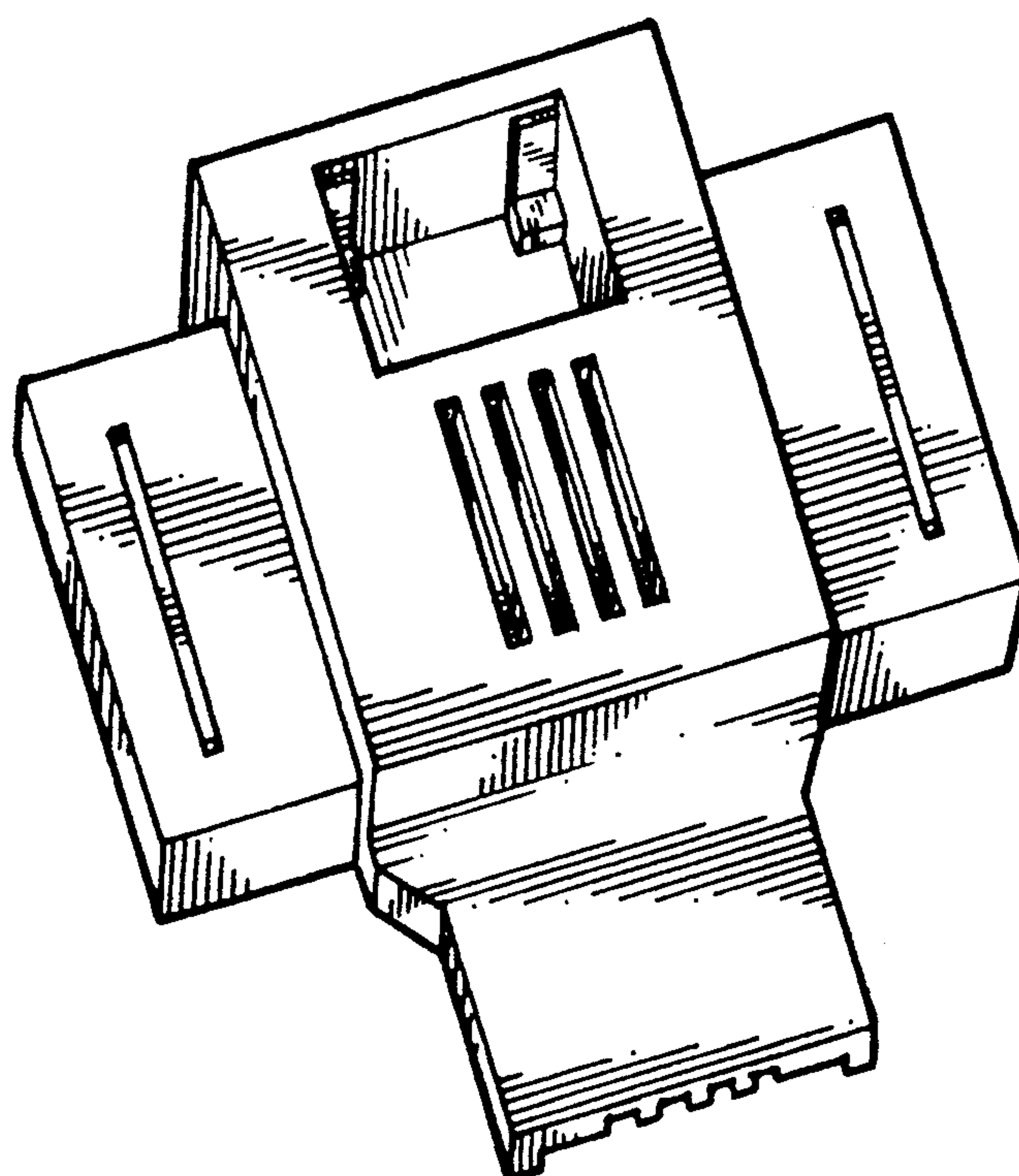


FIG. 6

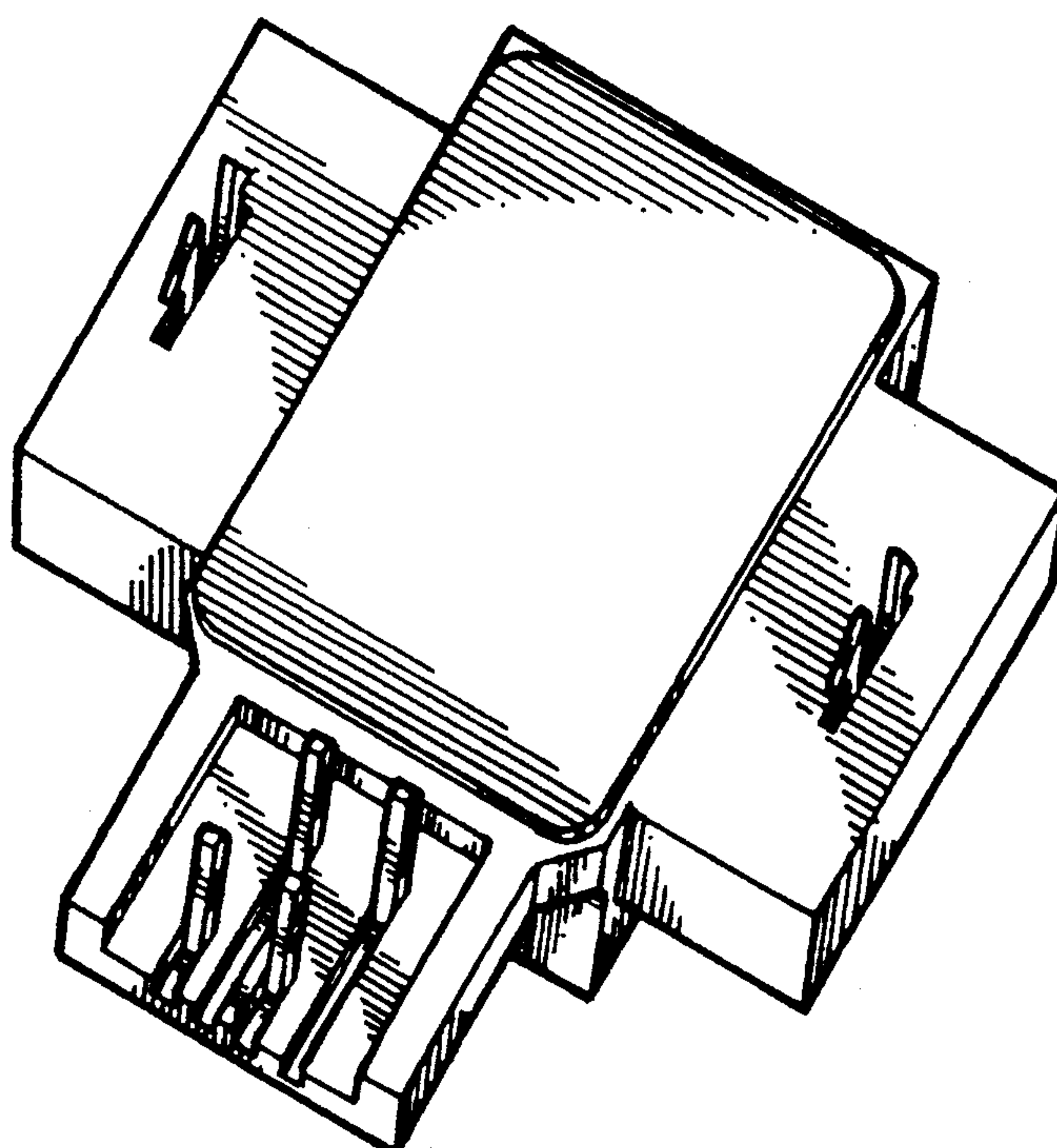


FIG. 7