



US00D332599S

United States Patent [19]

[11] Patent Number: **Des. 332,599**

Kikuta et al.

[45] Date of Patent: **** Jan. 19, 1993**

[54] ELECTRICAL CONNECTOR

[75] Inventors: **Shigeru Kikuta; Yoshikazu Hirata,**
both of Tokyo, Japan

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

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

[21] Appl. No.: **670,775**

[22] Filed: **Mar. 18, 1991**

[30] Foreign Application Priority Data

Sep. 17, 1990 [JP] Japan 2-30894

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

[58] Field of Search D13/146, 147; 439/325,
439/329, 345, 368, 378, 573, 692, 694, 727

[56] References Cited

U.S. PATENT DOCUMENTS

D. 271,685 12/1983 Casciotti et al. D13/147

4,842,543 6/1989 Davis 439/378

FOREIGN PATENT DOCUMENTS

1474721 3/1967 France 439/680

OTHER PUBLICATIONS

Continental printed circuit connectors on p. 2 of Continental connector Bulletin Jun. 28, 1955.

Champ right angle PC board connector on p. 13 on *DIGI-KEY* Cat. 852 Mar.-Apr. 1985.

PC board connector receptacles on p. 180 of *Allied Electronics* catalog, copyright 1990.

Super D PC board connectors on p. 191 of *Allied Electronics* catalog, copyright 1990.

Primary Examiner—Wallace R. Burke

Assistant Examiner—Joel Sincavage

Attorney, Agent, or Firm—Kanesaka & Takeuchi

[57] CLAIM

The ornamental design for an electrical connector, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of an electrical connector showing an embodiment of our new design;

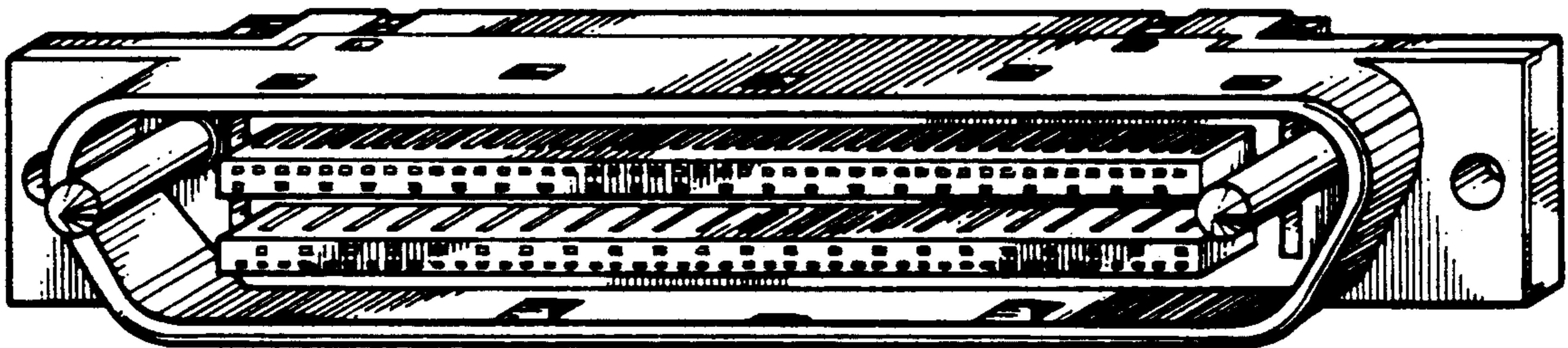
FIG. 2 is a top plan view thereof;

FIG. 3 is a front elevational view thereof;

FIG. 4 is a bottom plan view thereof;

FIG. 5 is a rear elevational view thereof; and,

FIG. 6 is a side elevational view thereof, the opposite side elevational view being a mirror image.



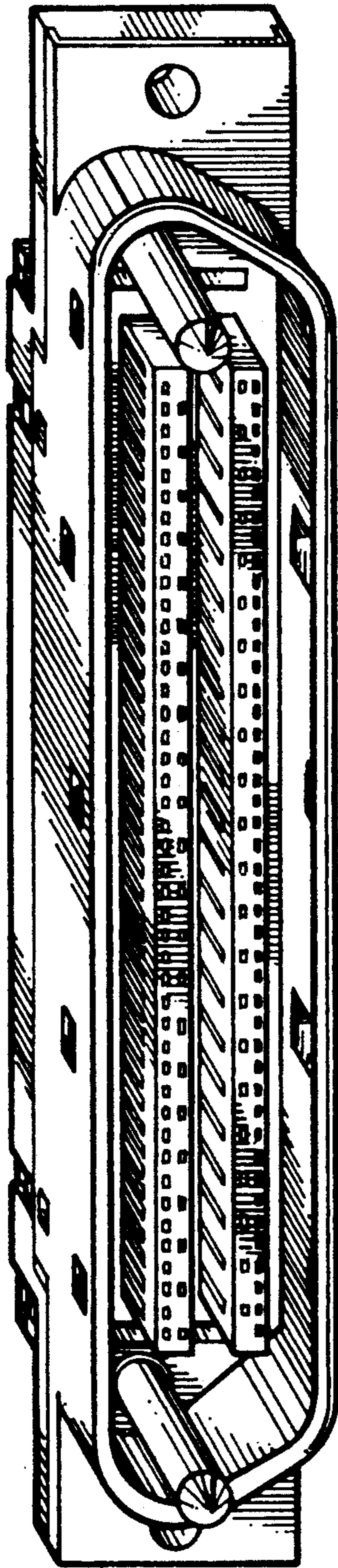


FIG. 1

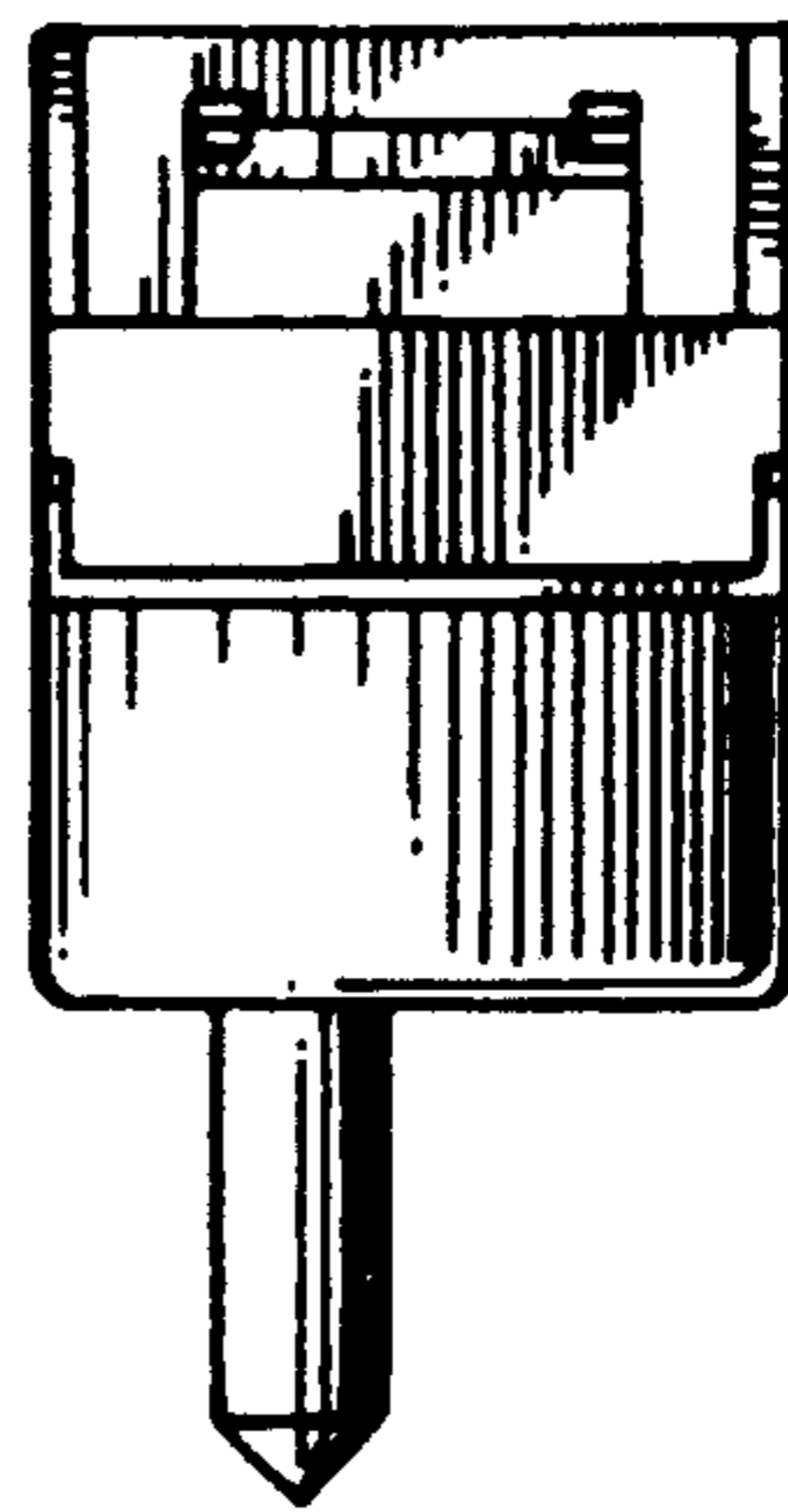


FIG. 6

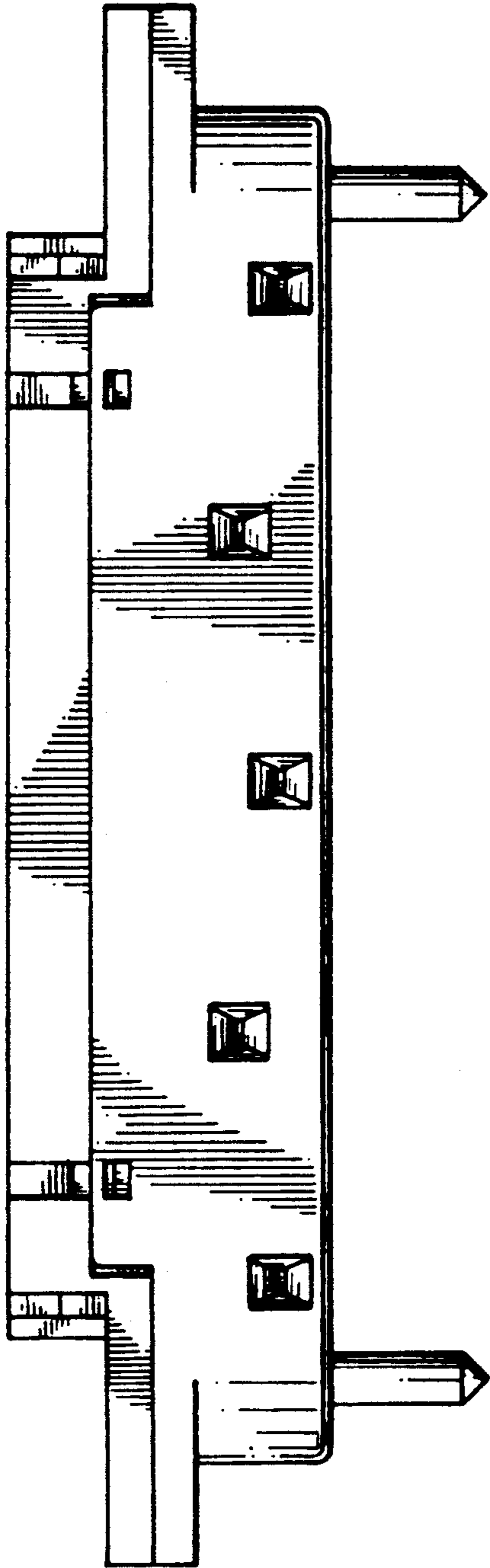


FIG. 2

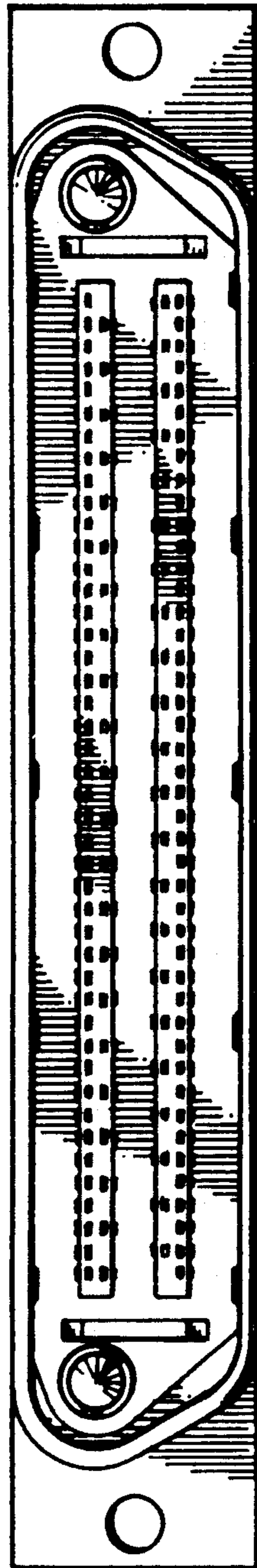


FIG. 3

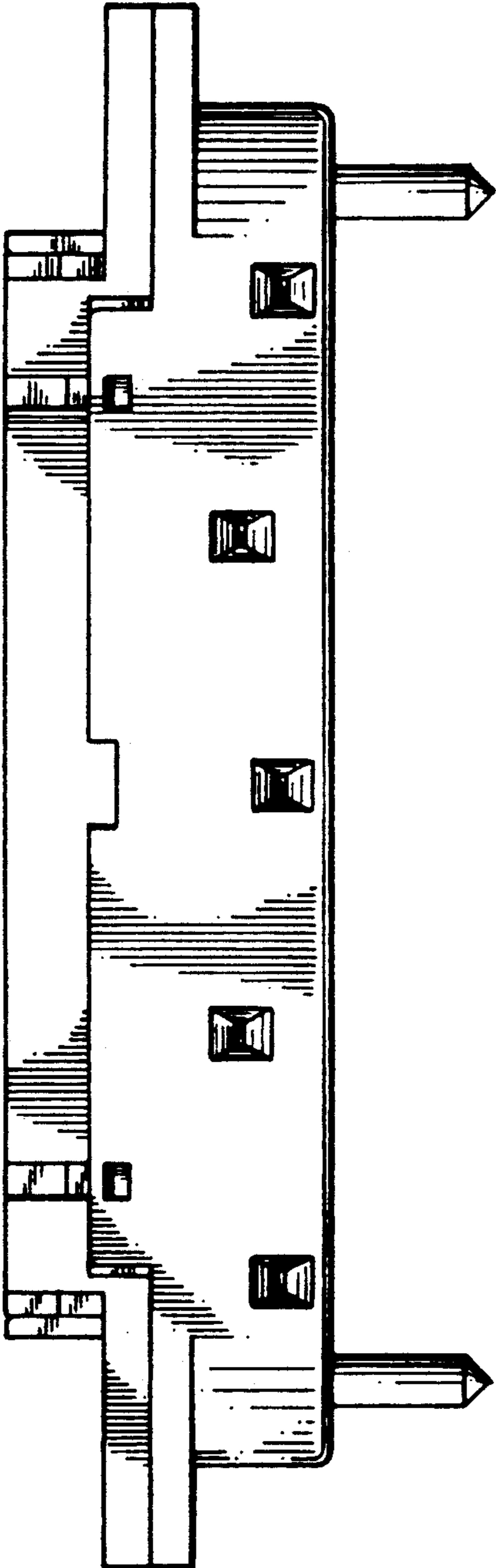


FIG. 4

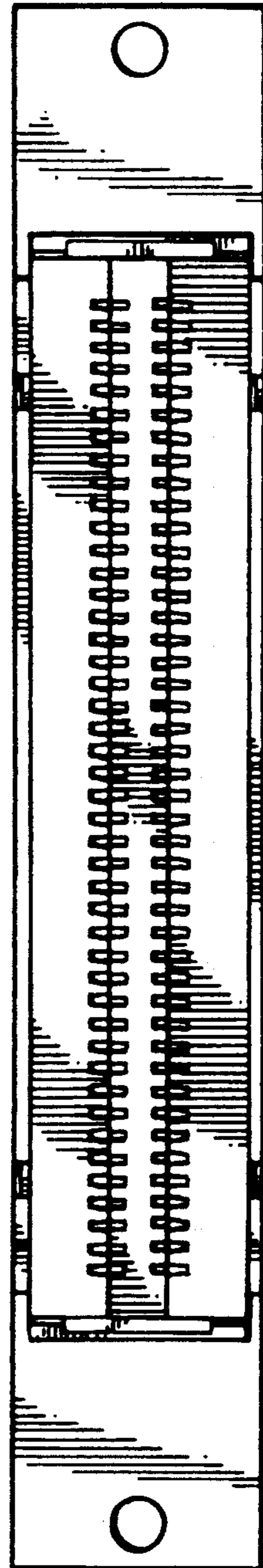


FIG. 5