



US00D540258S

(12) **United States Design Patent**
Peng et al.

(10) **Patent No.:** **US D540,258 S**

(45) **Date of Patent:** **** Apr. 10, 2007**

(54) **BOARD TO BOARD PLUG CONNECTOR**

(75) Inventors: **Yung Chi Peng**, Tucheng (TW); **Chung Hsin Huang**, Tucheng (TW)

(73) Assignee: **Cheng Uei Precision Industry Co., Ltd.**, Taipei (TW)

(**) Term: **14 Years**

(21) Appl. No.: **29/224,615**

(22) Filed: **Mar. 7, 2005**

(51) **LOC (8) Cl.** **13-03**

(52) **U.S. Cl.** **D13/147**

(58) **Field of Classification Search** D13/123,
D13/133, 146-147, 154, 184, 199; 174/16.3;
257/697, 727; 361/769

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

- D213,697 S * 4/1969 Oxley D13/147
- D275,849 S * 10/1984 Sakurai D13/147
- 5,167,515 A * 12/1992 Matsuoka et al. 439/108

- 6,293,810 B1 * 9/2001 Goodwin et al. 439/71
- 6,676,431 B2 * 1/2004 Kukita et al. 439/342
- 6,830,465 B2 * 12/2004 Norris et al. 439/76.1
- 2002/0168888 A1 * 11/2002 Kukita et al. 439/342

* cited by examiner

Primary Examiner—Daniel Bui

(74) *Attorney, Agent, or Firm*—Rosenberg, Klein & Lee

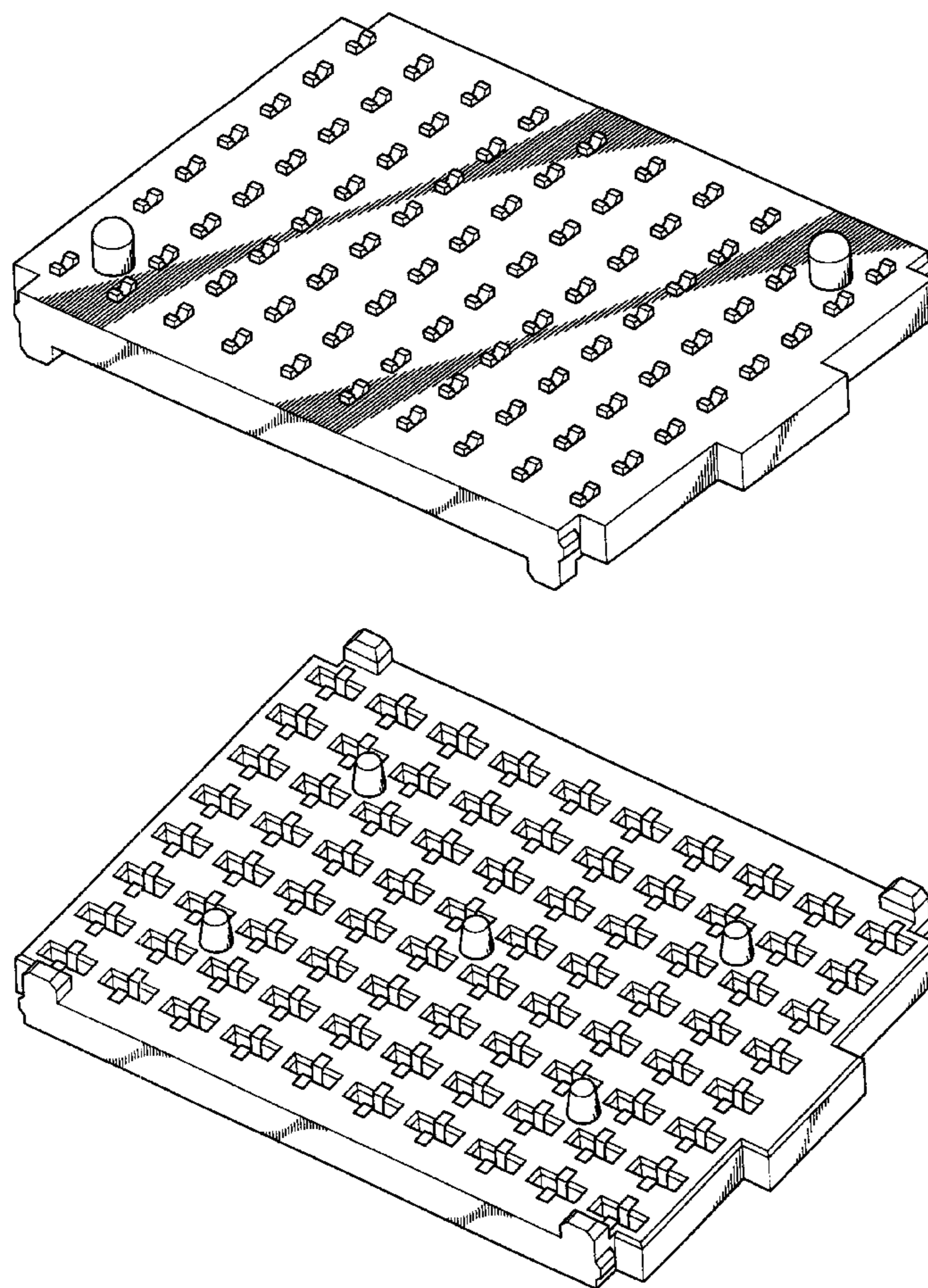
(57) **CLAIM**

The ornamental design for a board to board plug connector, as shown and described.

DESCRIPTION

FIG. 1 is a top, front and right side perspective view of a board to board plug connector, showing our new design; FIG. 2 is a front elevational view thereof; FIG. 3 is a rear elevational view thereof; FIG. 4 is a left side elevational view thereof; FIG. 5 is a right side elevational view thereof; FIG. 6 is a top plan view thereof; FIG. 7 is a bottom plan view thereof; and, FIG. 8 is a bottom, rear and right side perspective view thereof.

1 Claim, 6 Drawing Sheets



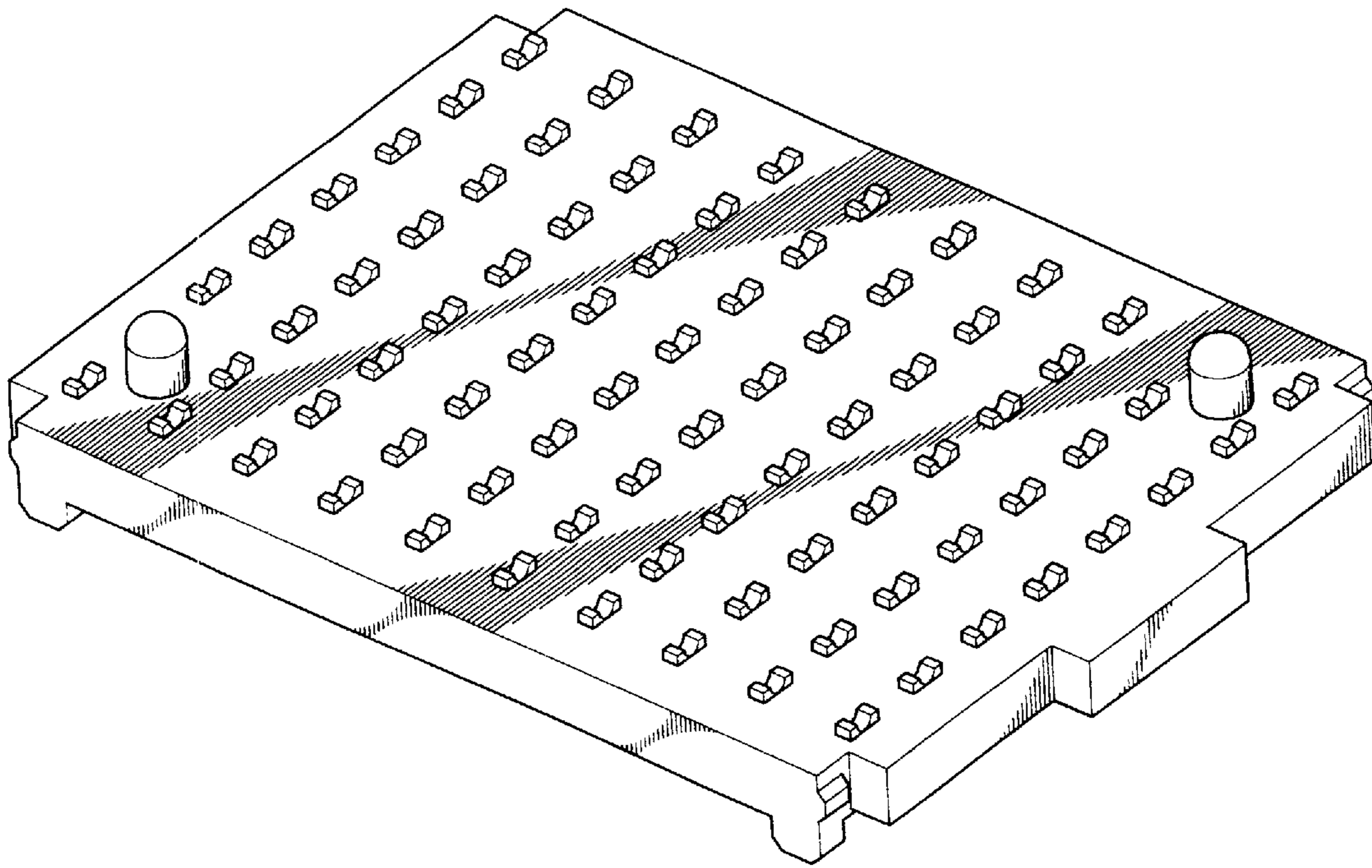


FIG. 1

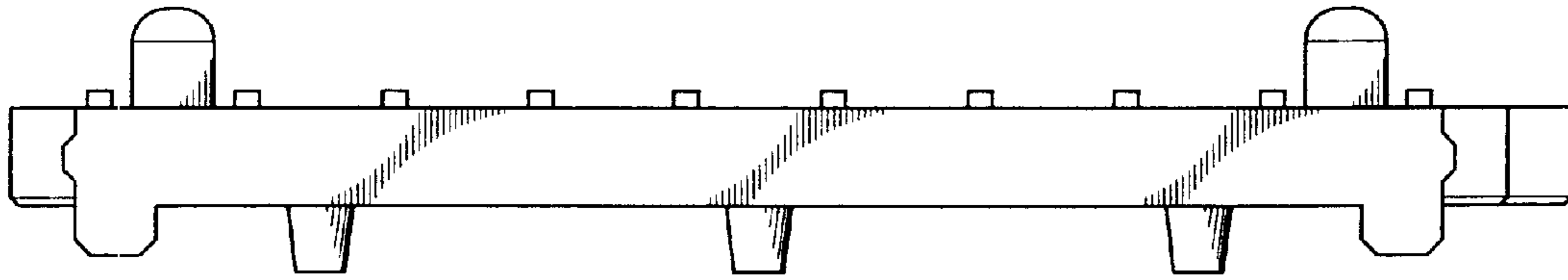


FIG. 2

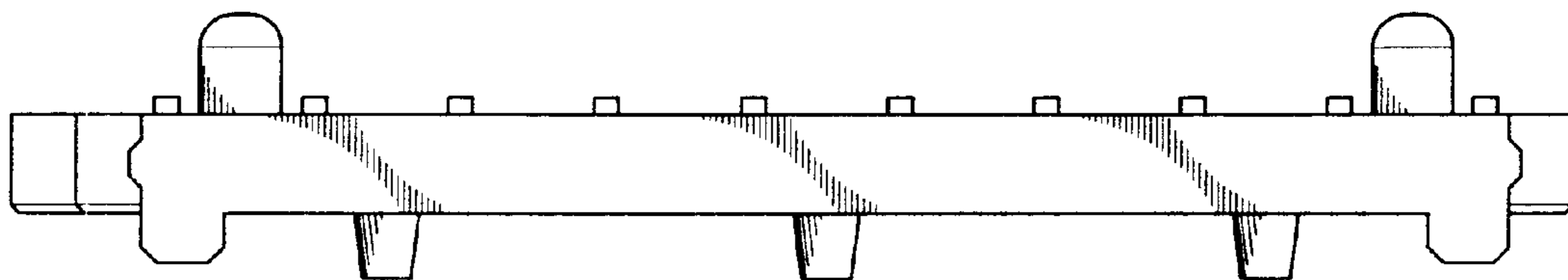


FIG. 3

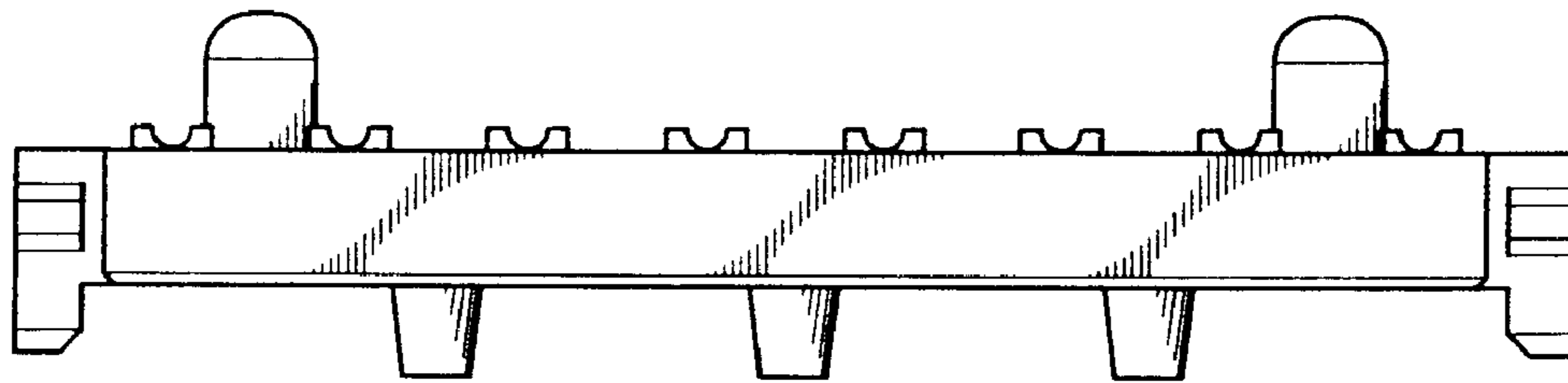


FIG. 4

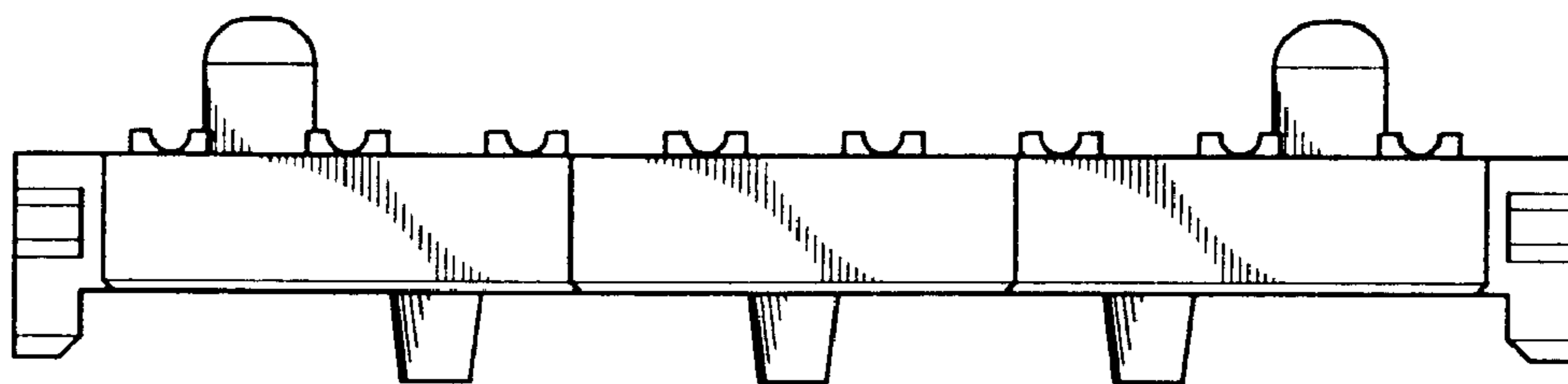


FIG. 5

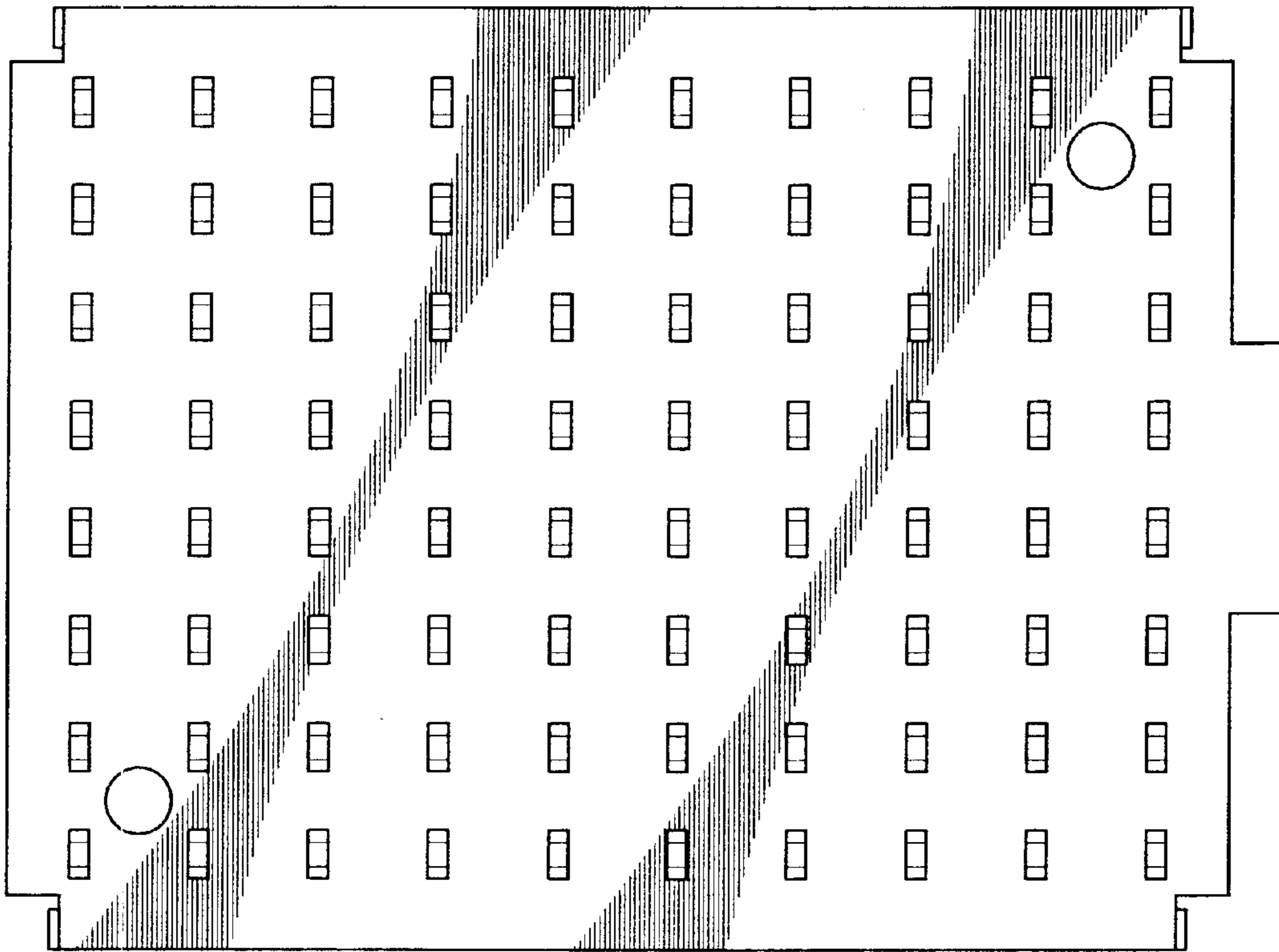


FIG. 6

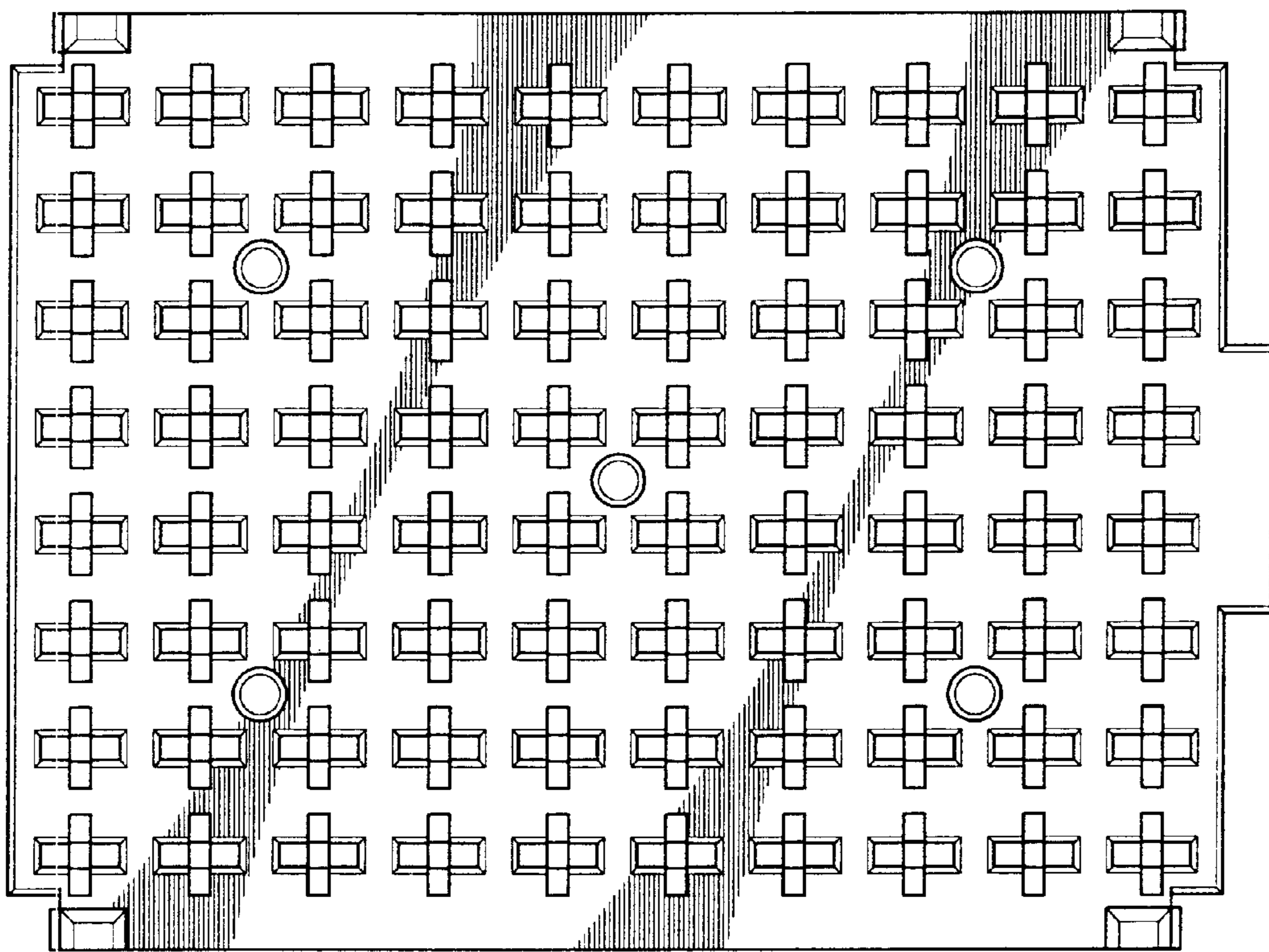


FIG. 7

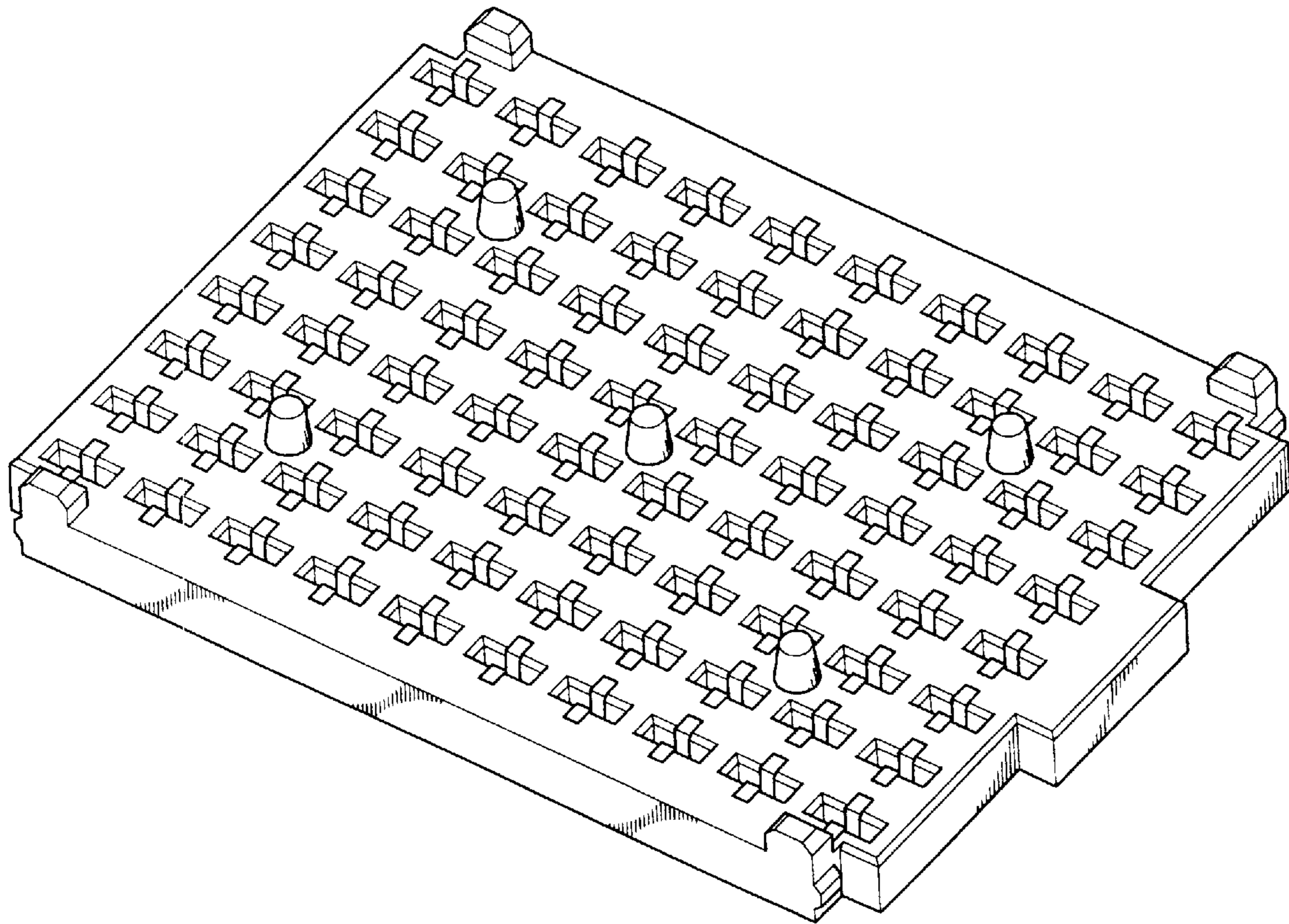


FIG. 8