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United States Patent [19]

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Michelson

[45] Date of Patent: **Jan. 21, 1997

[54] ARTIFICIAL SPINAL INFUSION IMPLANT

[75] Inventor: Gary K. Michelson, Venice, Calif.

[73] Assignee: Sofamor Danek Group, Inc.,
Memphis, Tenn.

[**] Term: 14 Years

[21] Appl. No.: 23,921

[22] Filed: Jun. 3, 1994

[52] U.S. Cl. D24/155

[58] Field of Search D24/155; 623/17;
606/61, 60, 73, 72

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Primary Examiner—Stella Reid

Attorney, Agent, or Firm—Woodard, Emhardt, Naughton,
Moriarty & McNett

[57] CLAIM

The ornamental design for the an artificial spinal infusion implant, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of the an artificial spinal infusion implant showing my new design;

FIG. 2 is a top plan view of the design of FIG. 1, with the bottom plan view being a mirror image thereof;

FIG. 3 is a left side elevational view of the design of FIG. 1;

FIG. 4 is a right side elevational view of the design of FIG. 1;

FIG. 5 is a rear end view of the design of FIG. 3;

FIG. 6 is a front end view of the design of FIG. 1;

FIG. 7 is an enlarged fragmentary view along line 7 of the design of FIG. 2;

FIG. 8 is a top plan view of a first alternative embodiment of the design of FIG. 1, the bottom plan view being a mirror image thereof;

FIG. 9 is a left side elevational view of the design of FIG. 8;

FIG. 10 is a right side elevational view of the design of FIG. 8;

FIG. 11 is a rear end view of the design of FIG. 8;

FIG. 12 is a front end view of the design of FIG. 8;

FIG. 13 is an enlarged fragmentary view along line 13 of the design of FIG. 8;

FIG. 14 is a top plan view of a second alternative embodiment of the design of FIG. 1, the bottom plan view being a mirror image thereof;

FIG. 15 is a left side elevational view of the design of FIG. 14;

FIG. 16 is a right side elevational view of design of FIG. 14;

FIG. 17 is a rear end view of the design of FIG. 14;

FIG. 18 is a front end view of the design of FIG. 14;

FIG. 19 is an enlarged fragmentary view along line 19 of the design of FIG. 14;

FIG. 20 is a top plan view of a third alternative embodiment of the design of FIG. 1, the bottom plan view being a mirror image thereof;

FIG. 21 is a left side elevational view of the design of FIG. 20;

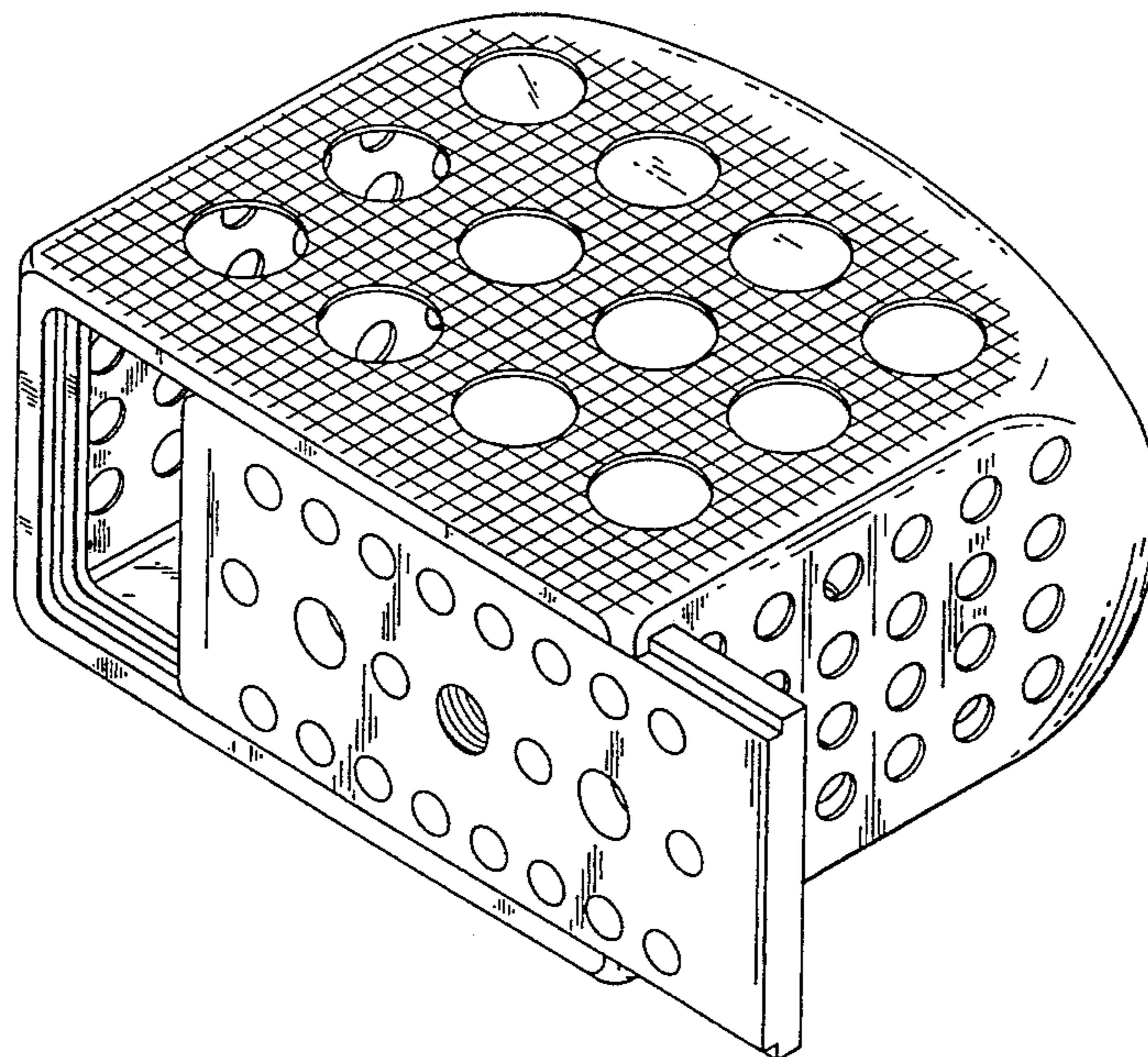
FIG. 22 is a right side elevational view of the design of FIG. 20;

FIG. 23 is a rear end view of the design of FIG. 20;

FIG. 24 is a front end view of the design of FIG. 20; and,

FIG. 25 is an enlarged fragmentary view along line 25 of the design of FIG. 20.

1 Claim, 5 Drawing Sheets



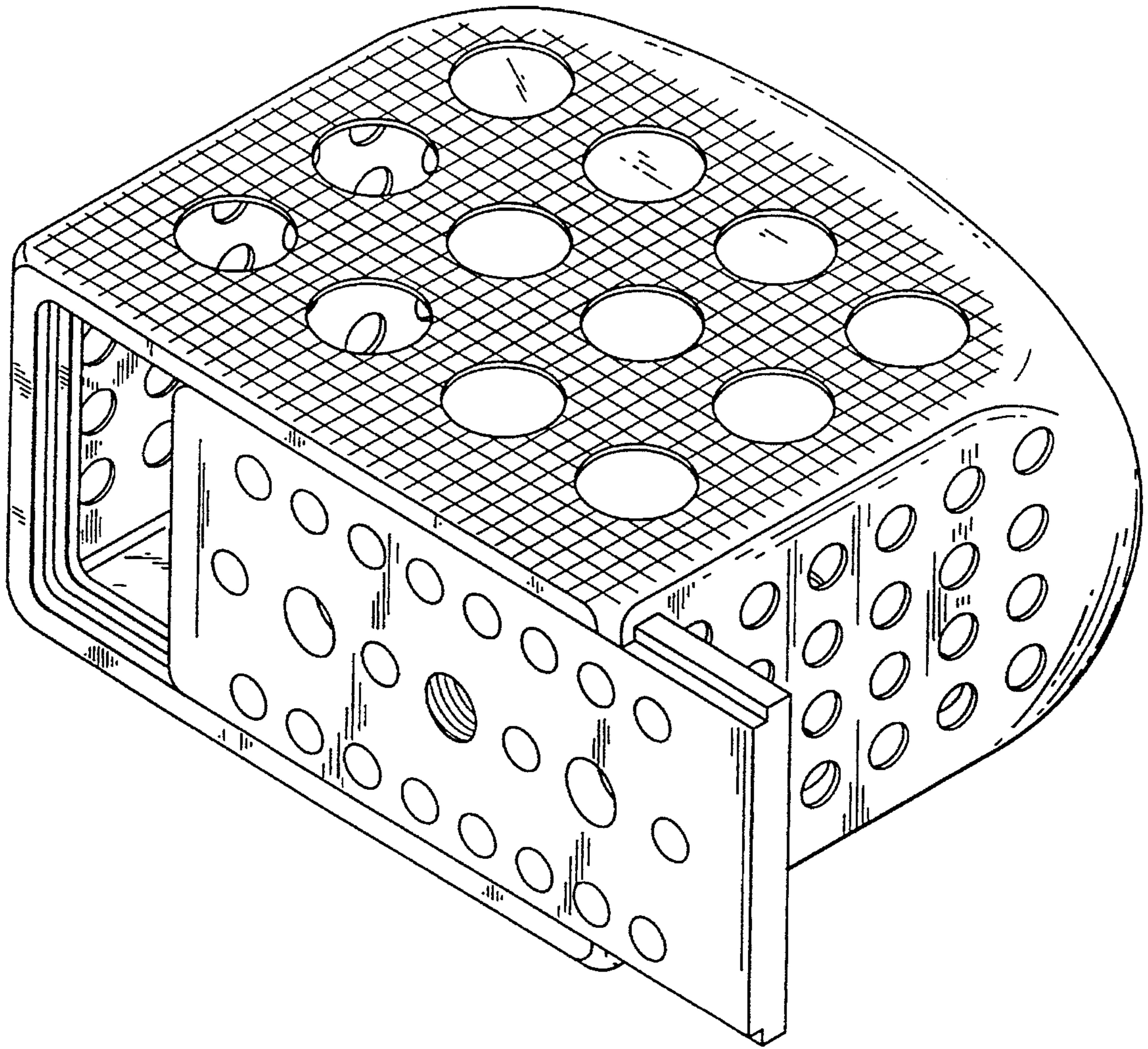


Fig. 1

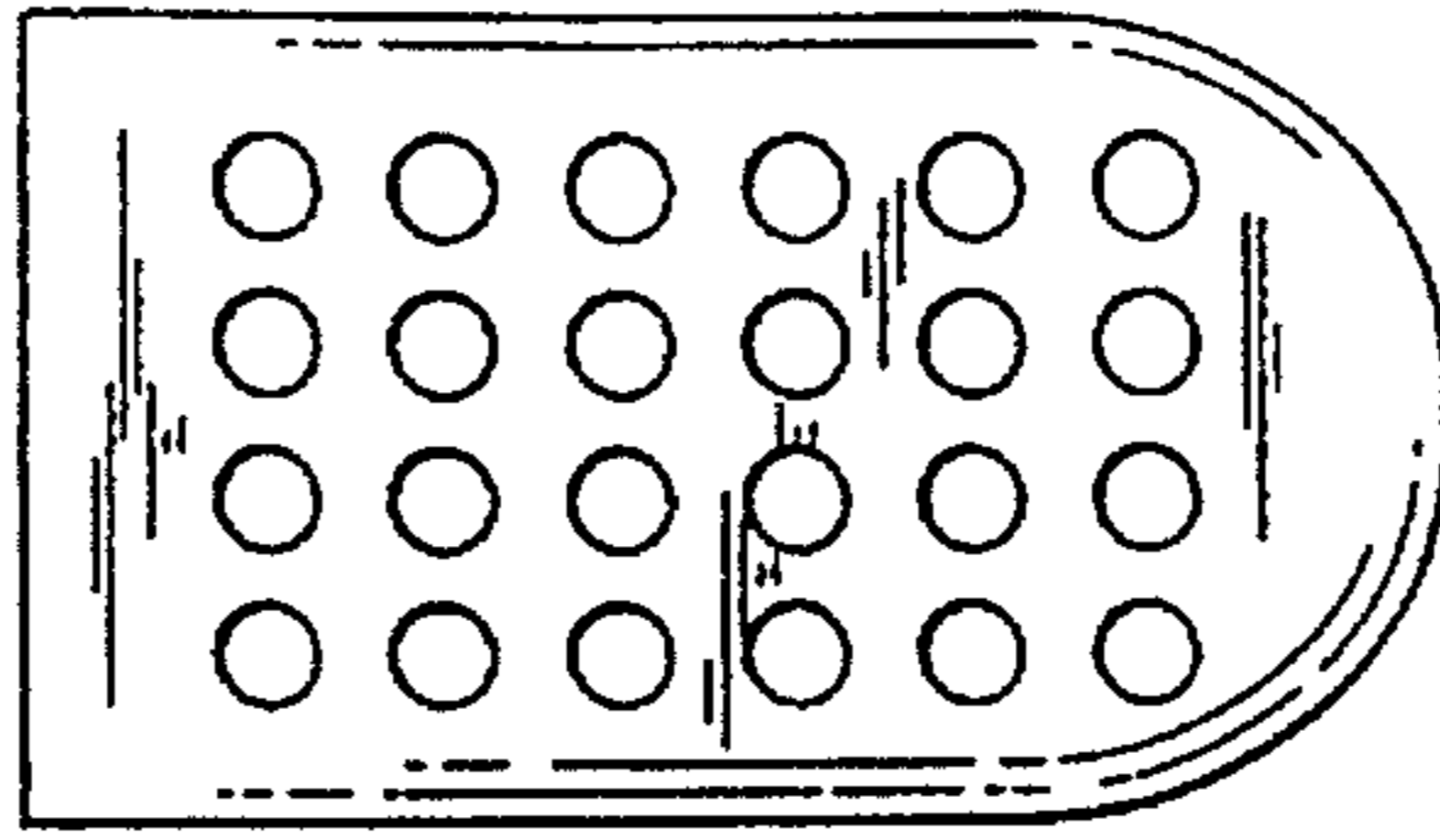


Fig. 3

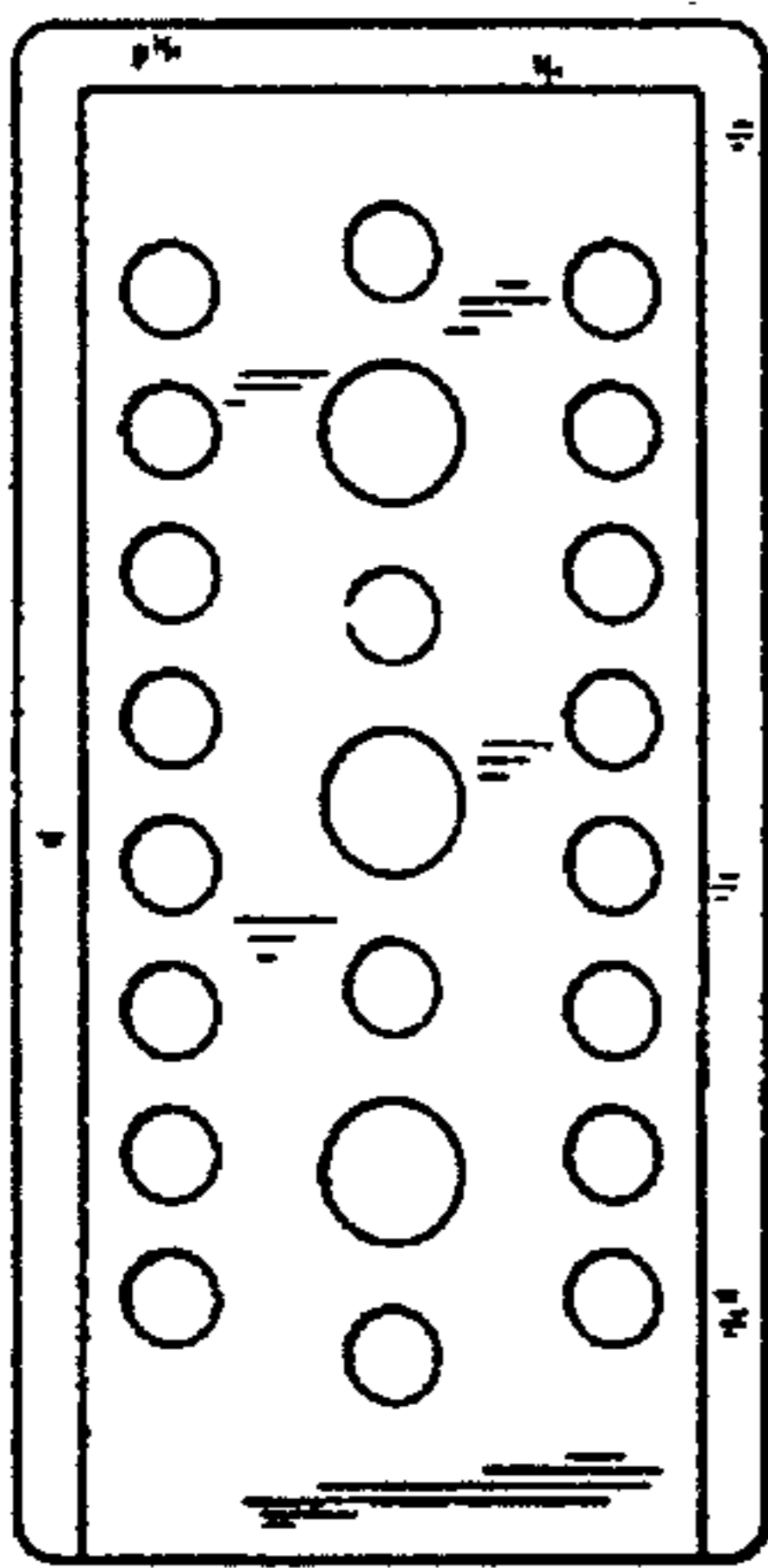


Fig. 5

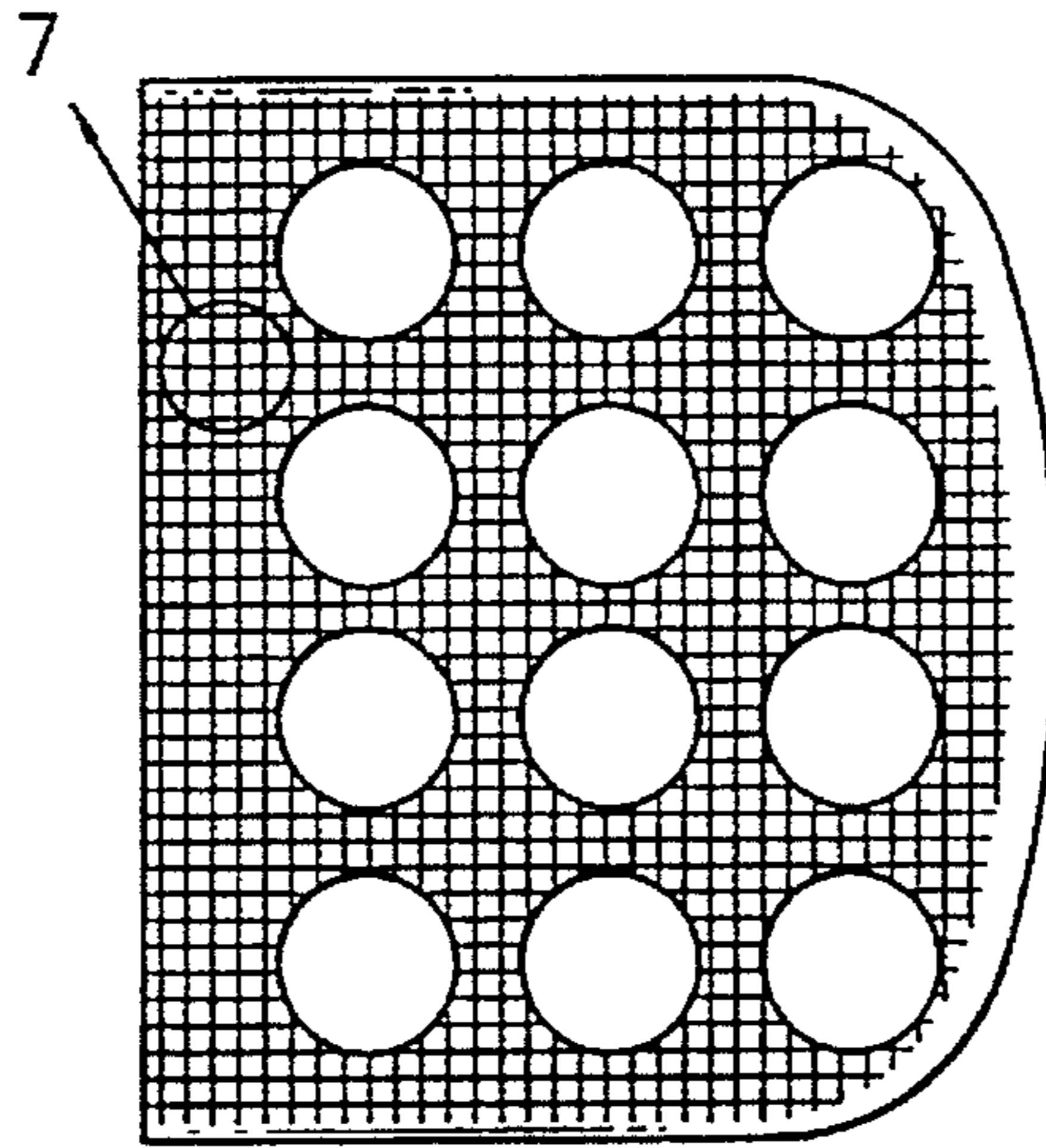


Fig. 2

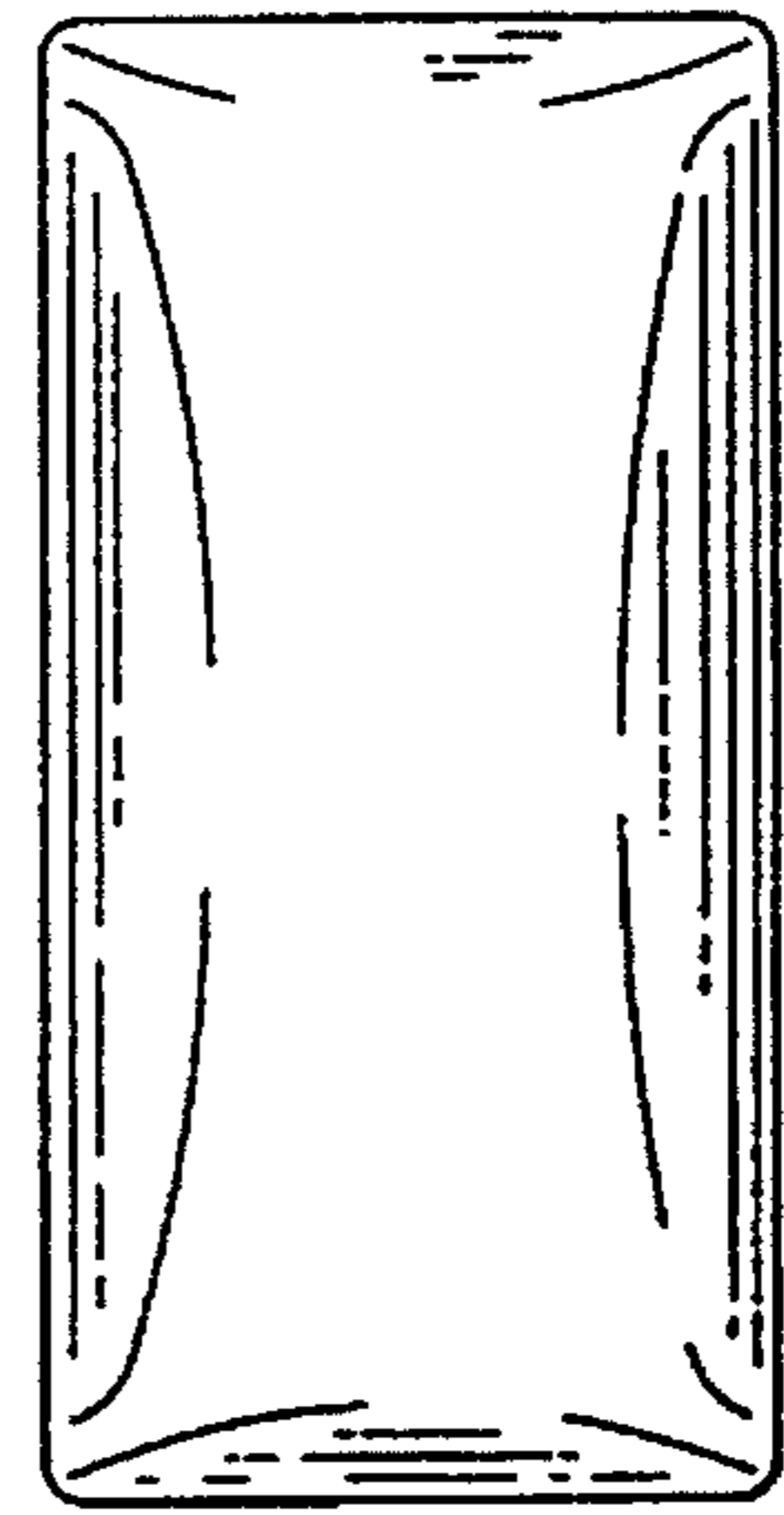


Fig. 6

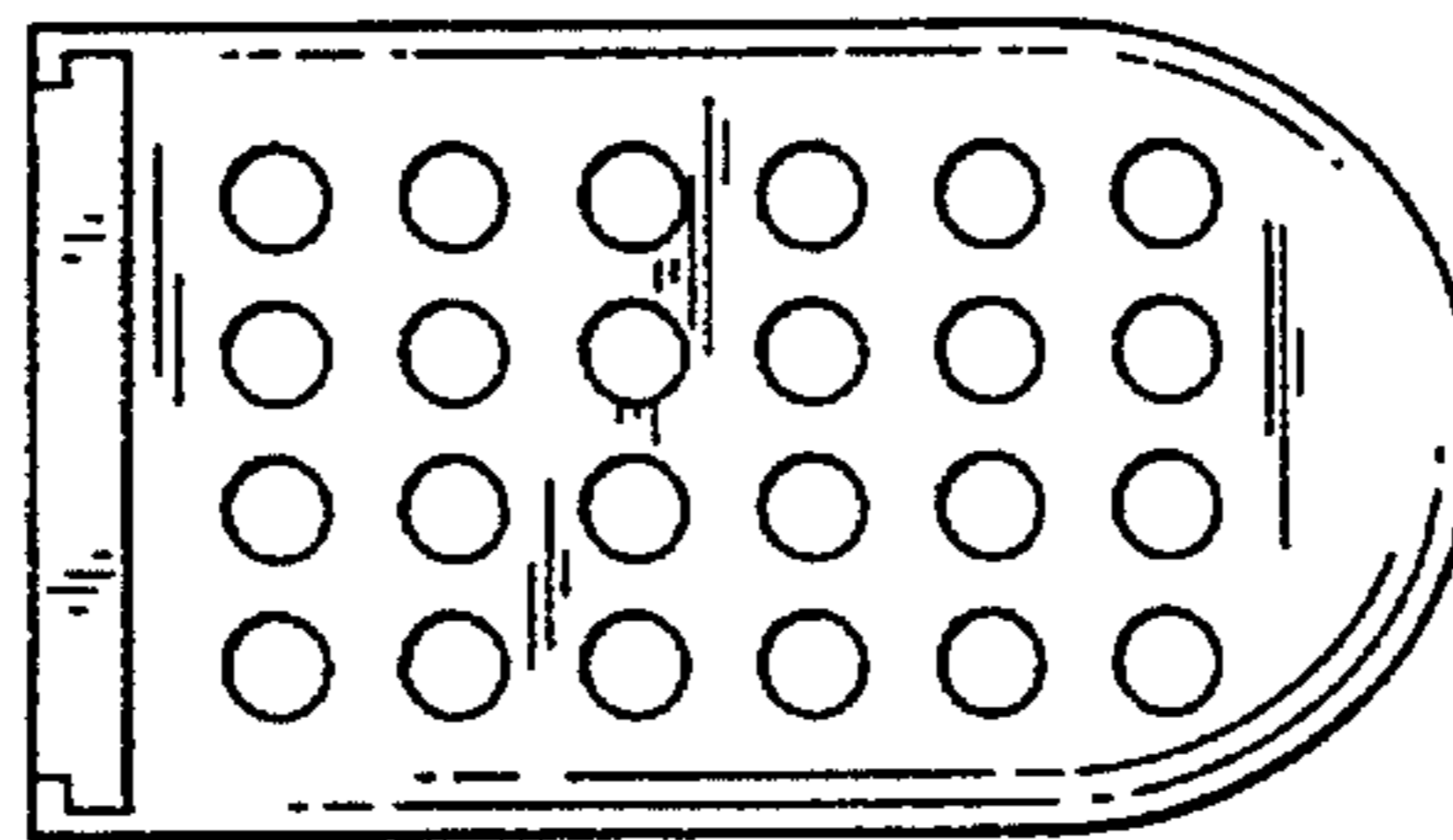


Fig. 4

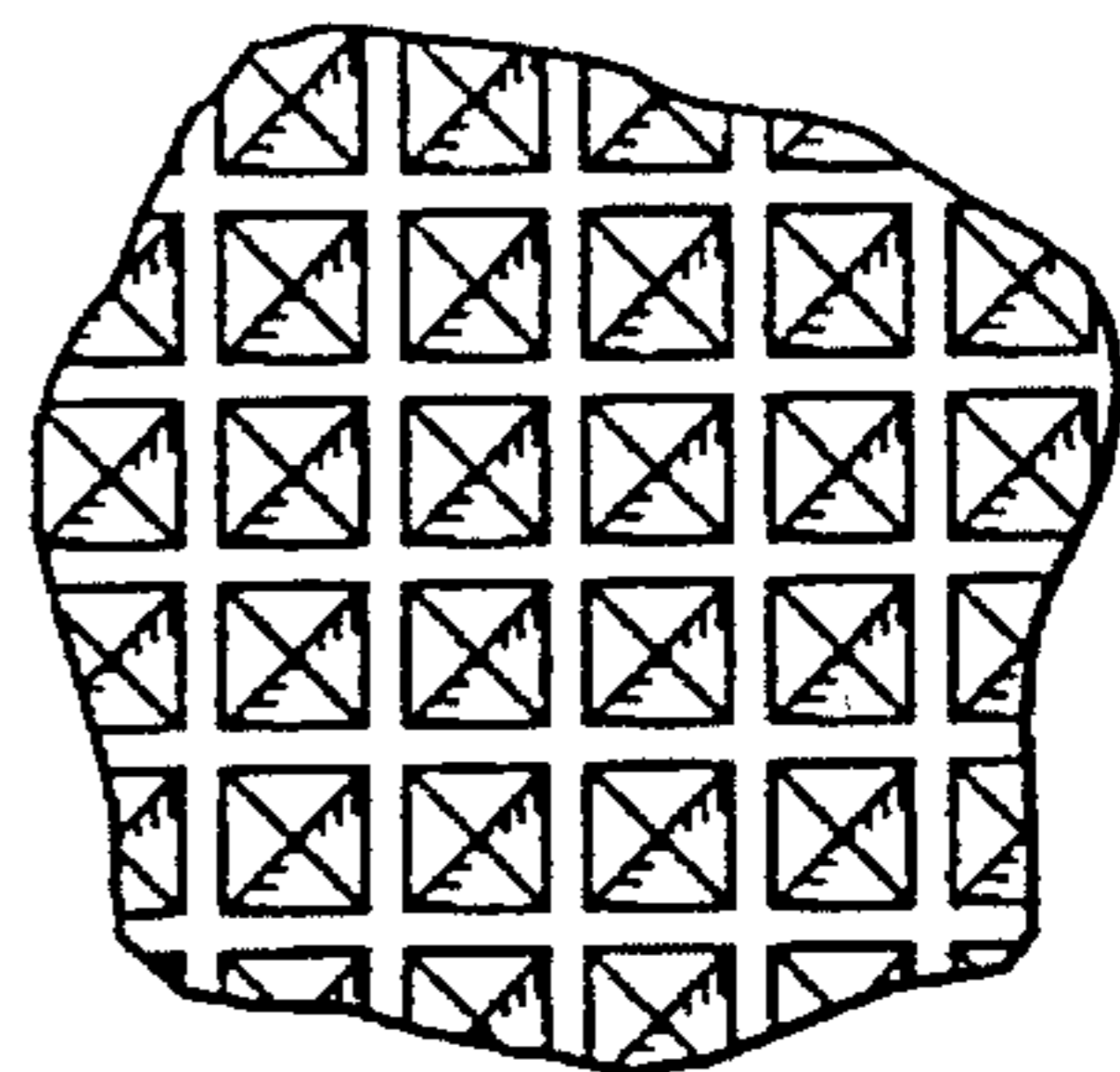


Fig. 7

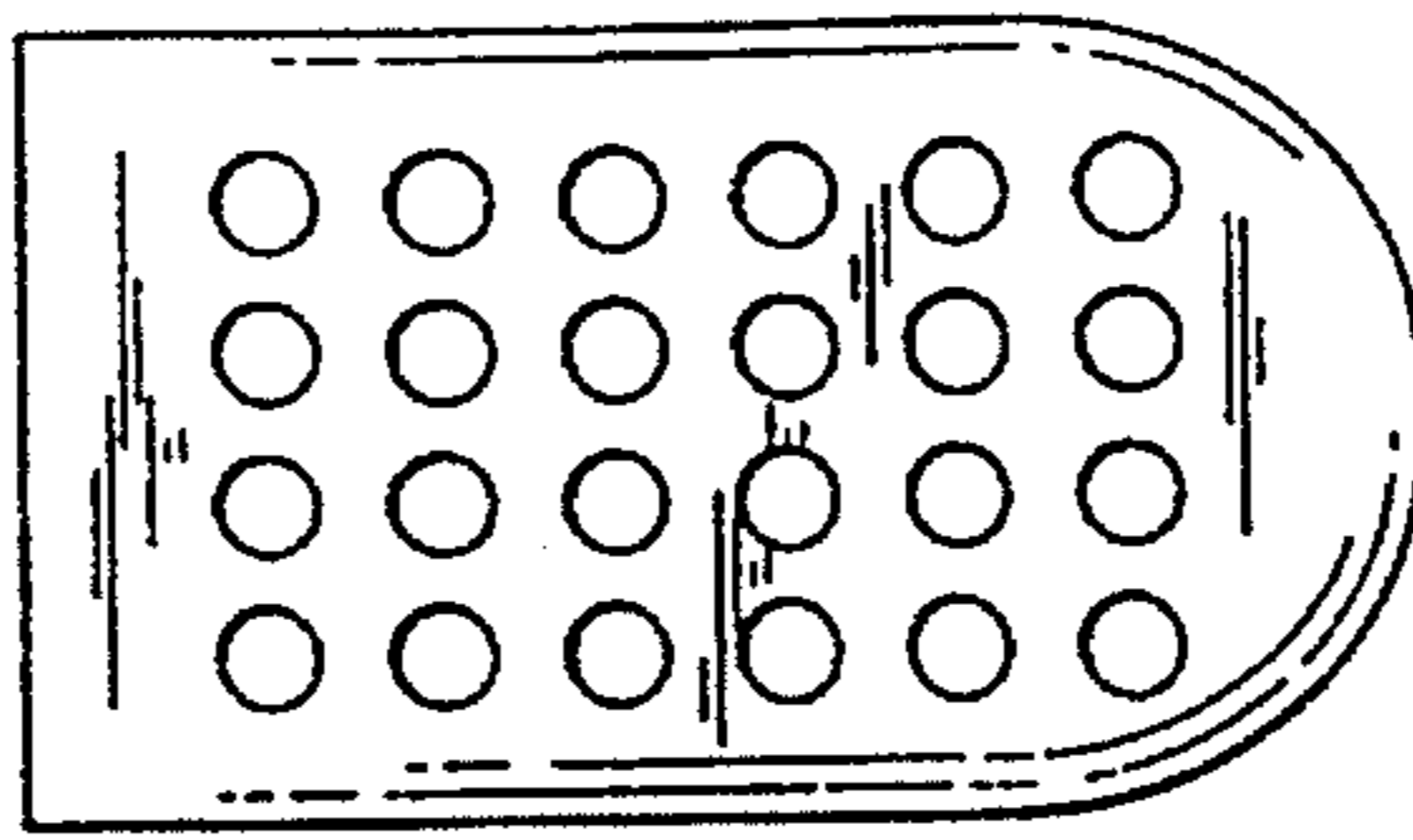


Fig. 9

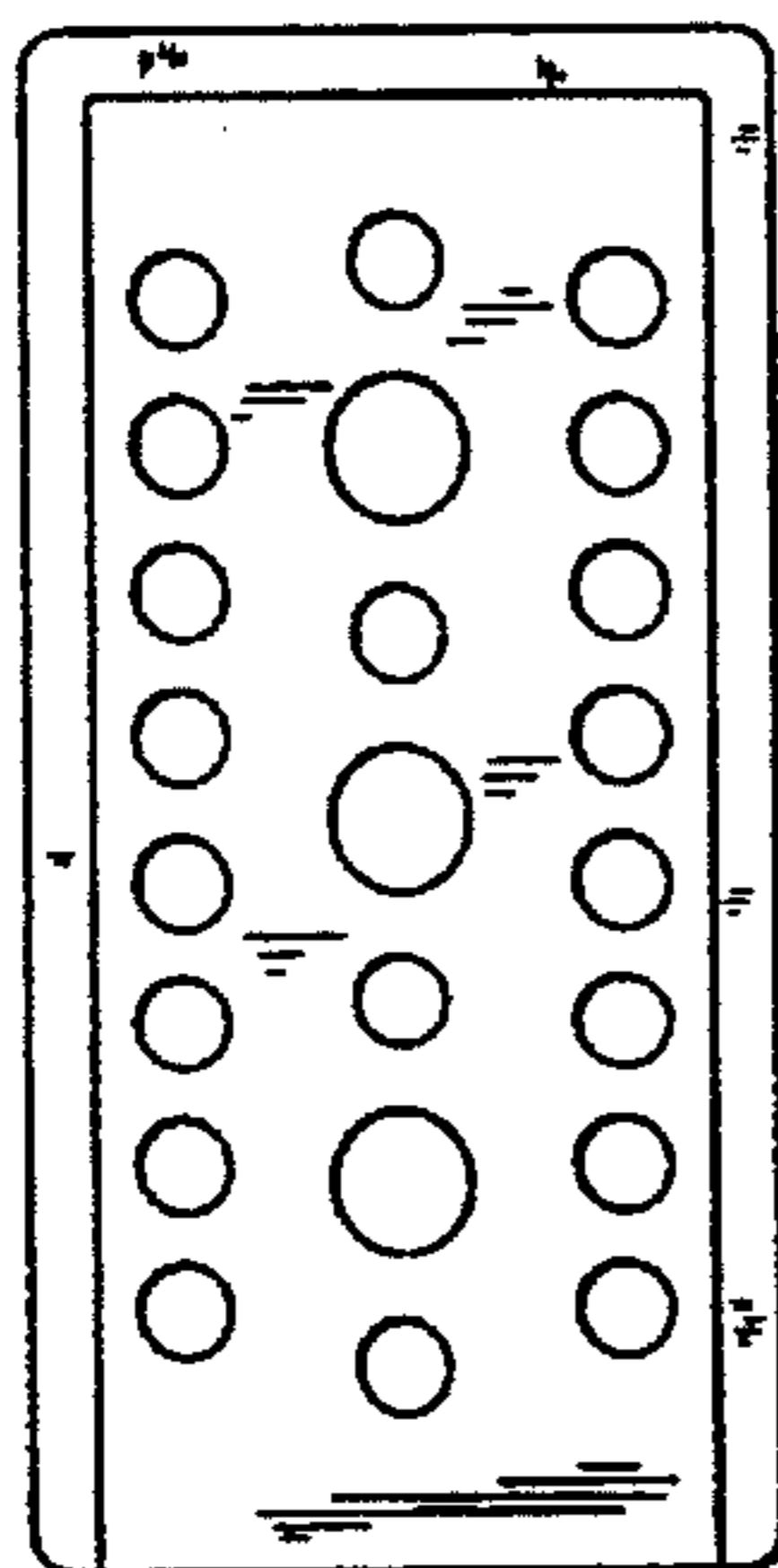


Fig. 11

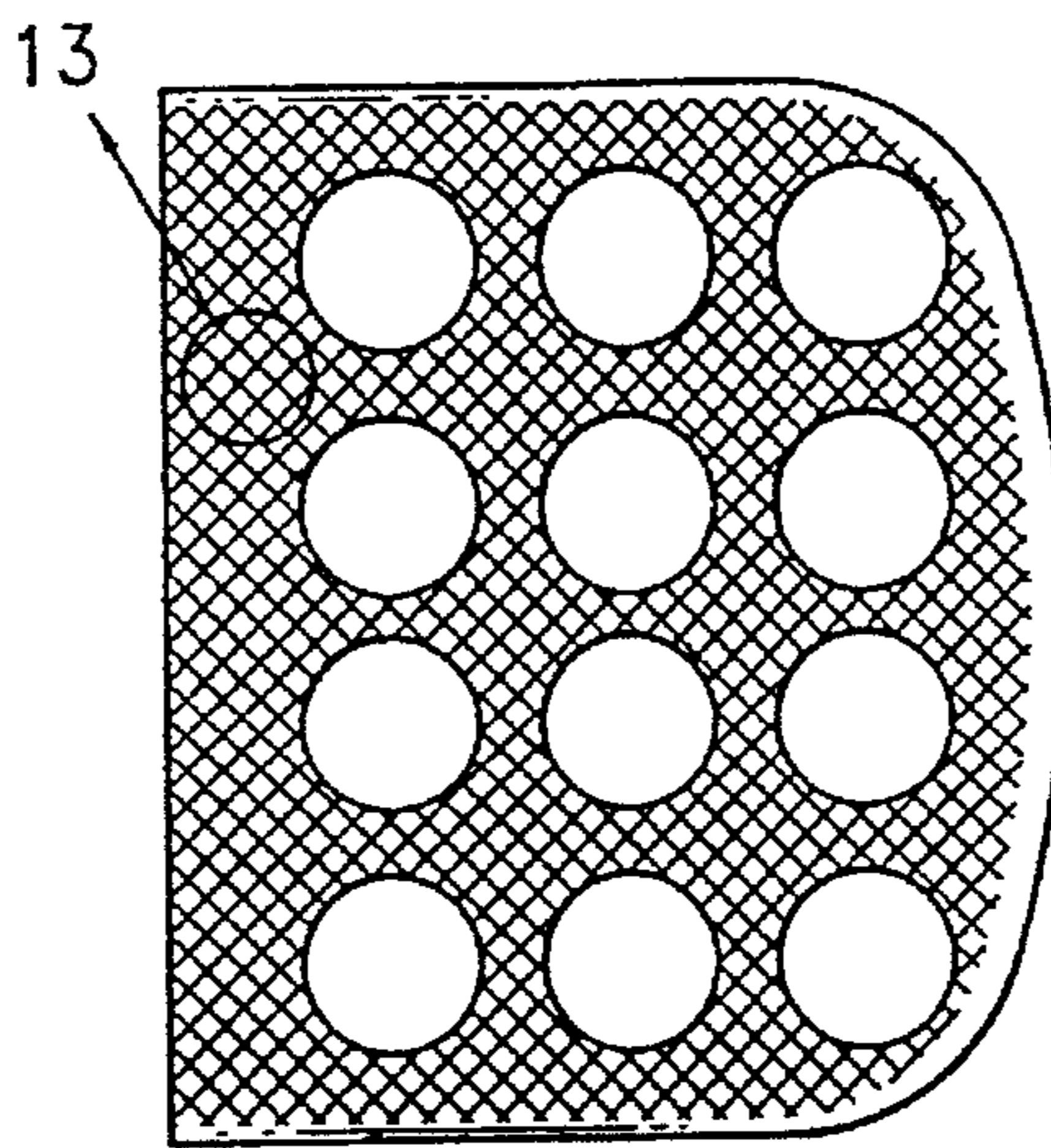


Fig. 8

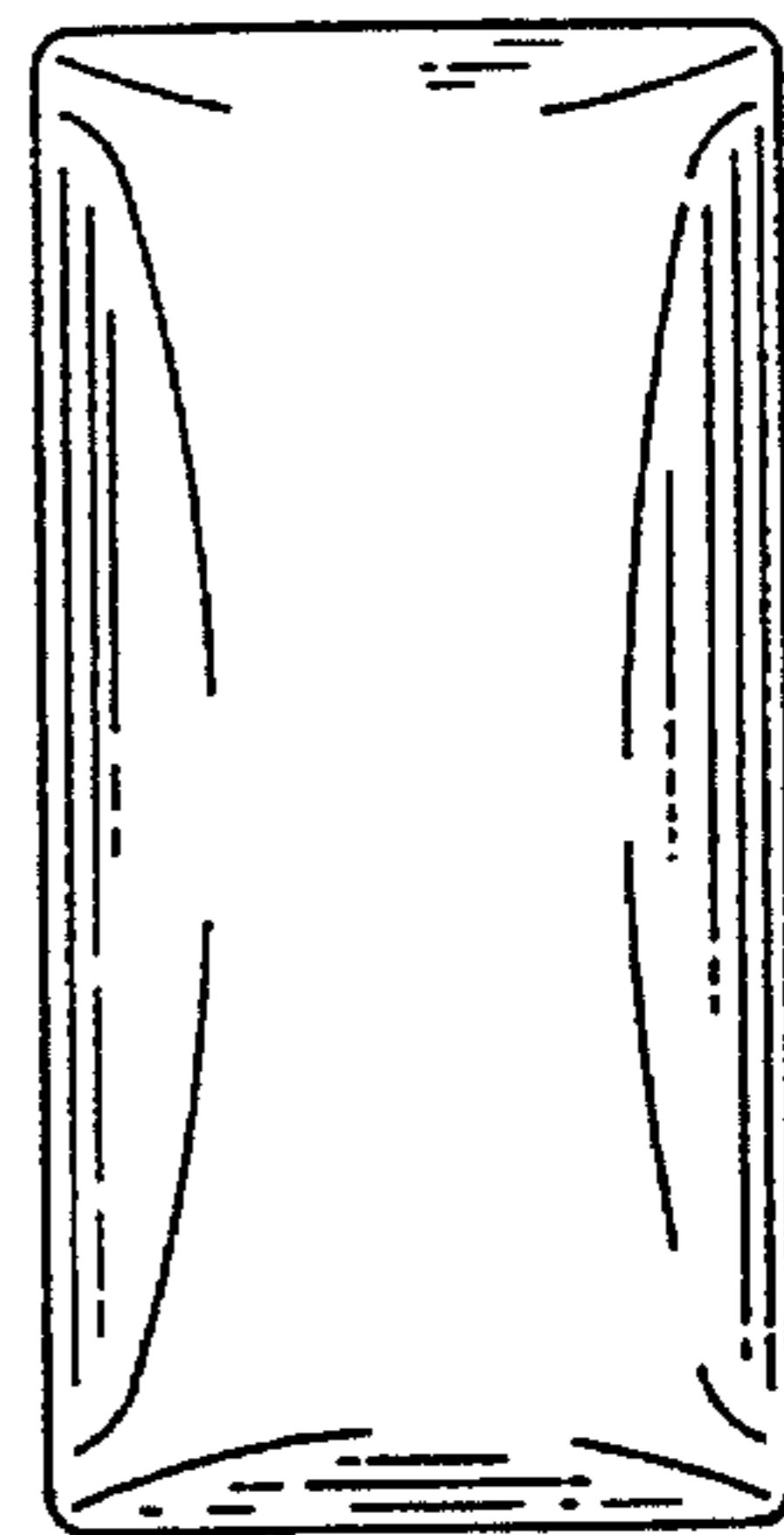


Fig. 12

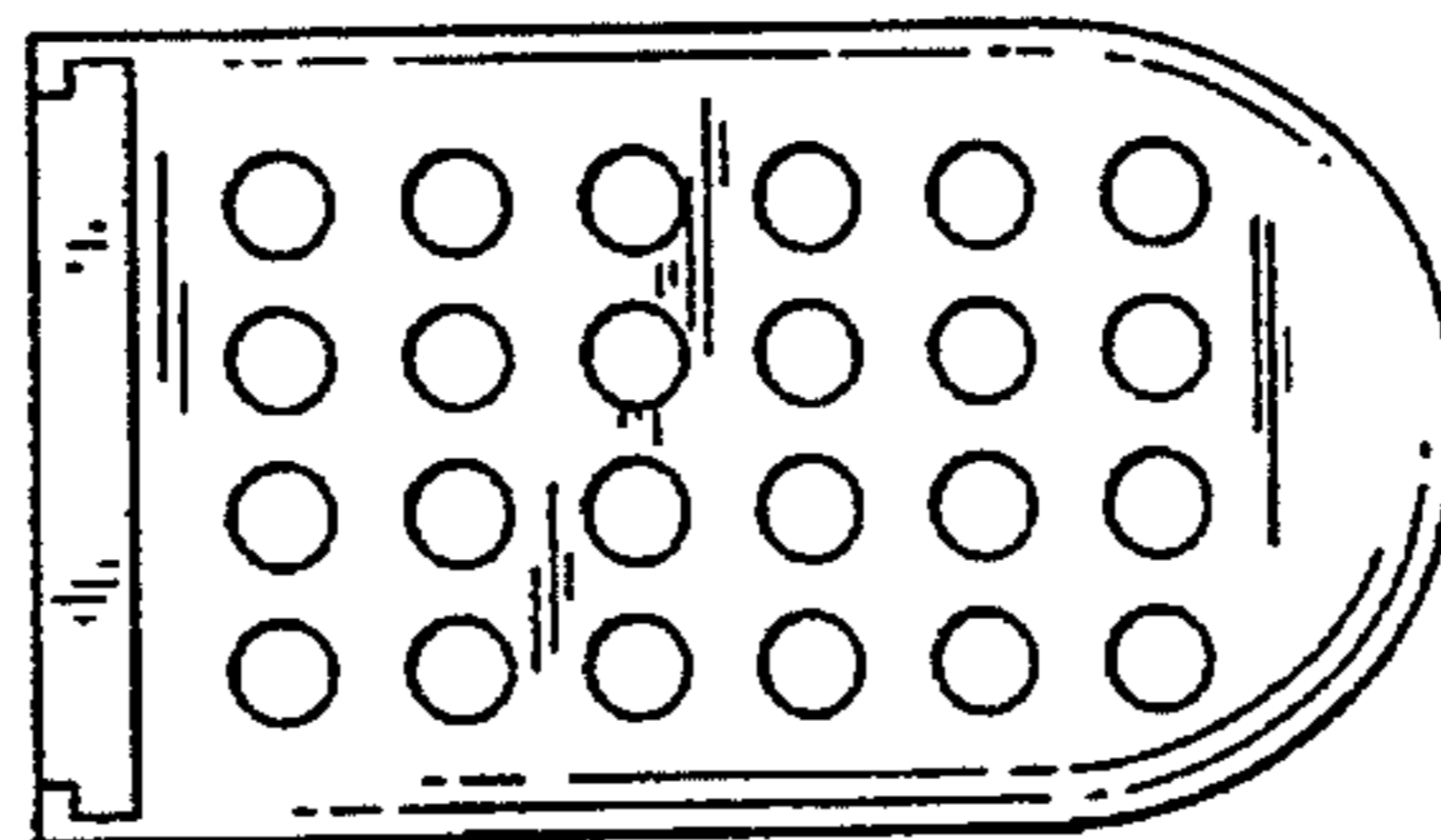


Fig. 10

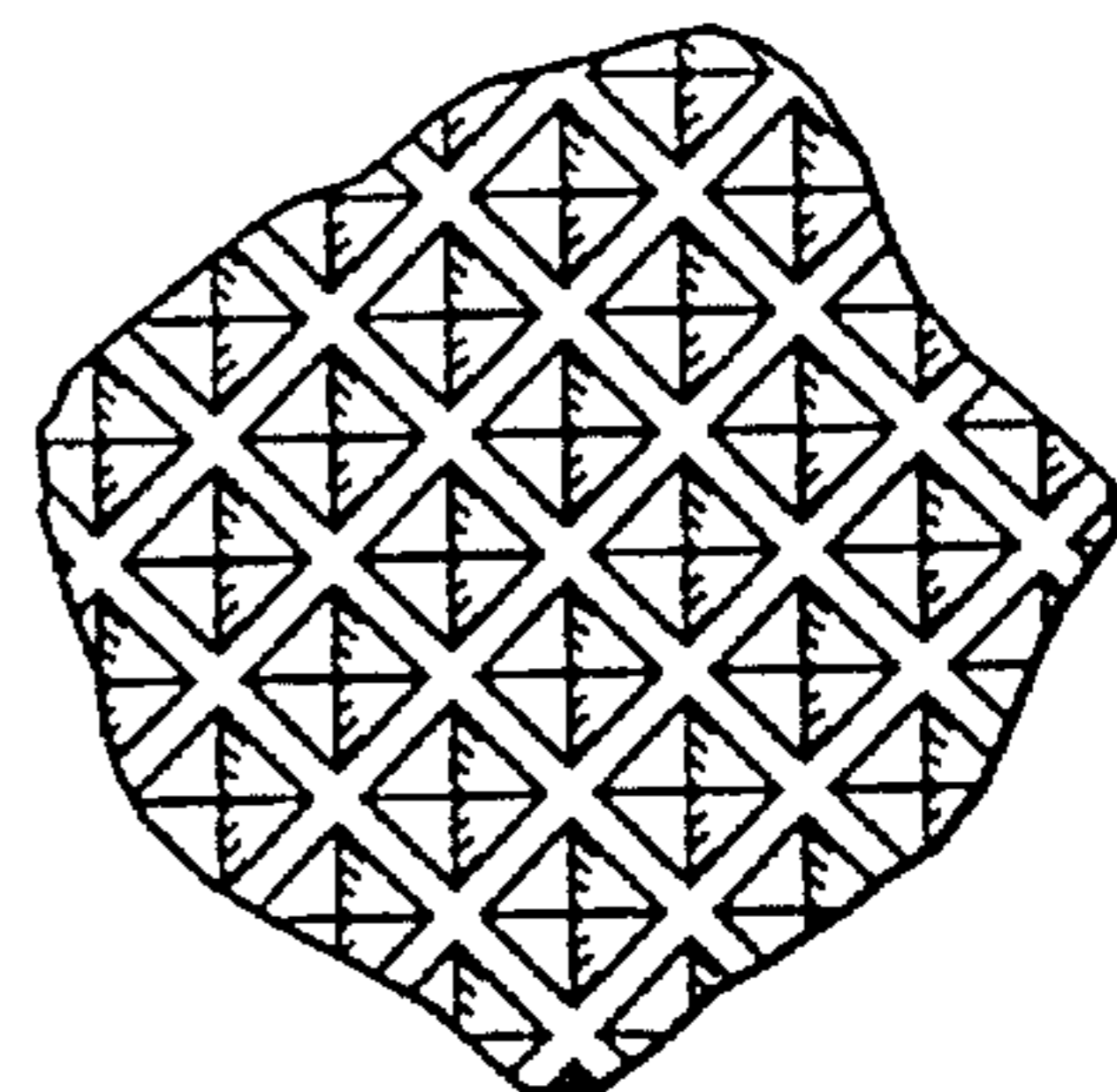


Fig. 13

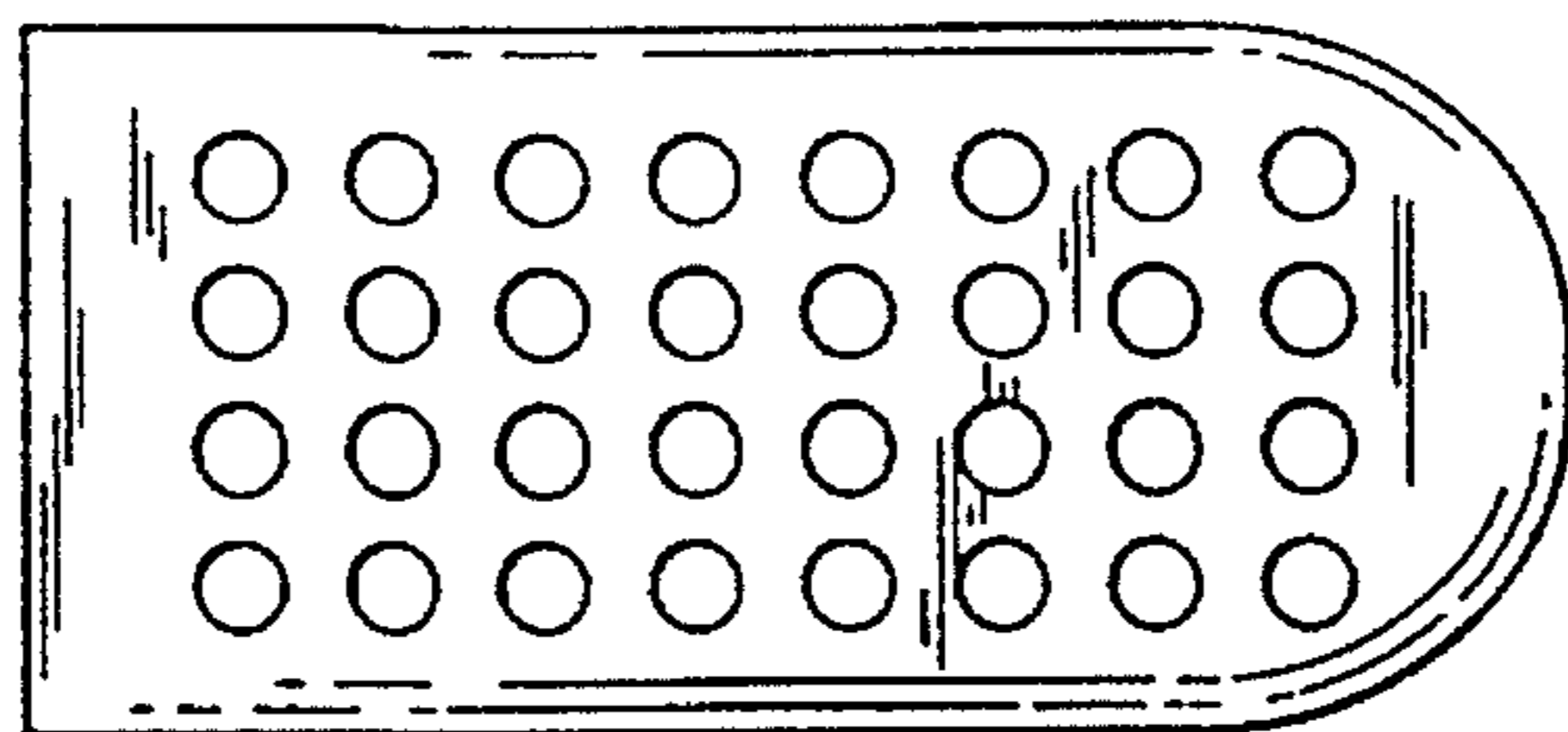


Fig. 15

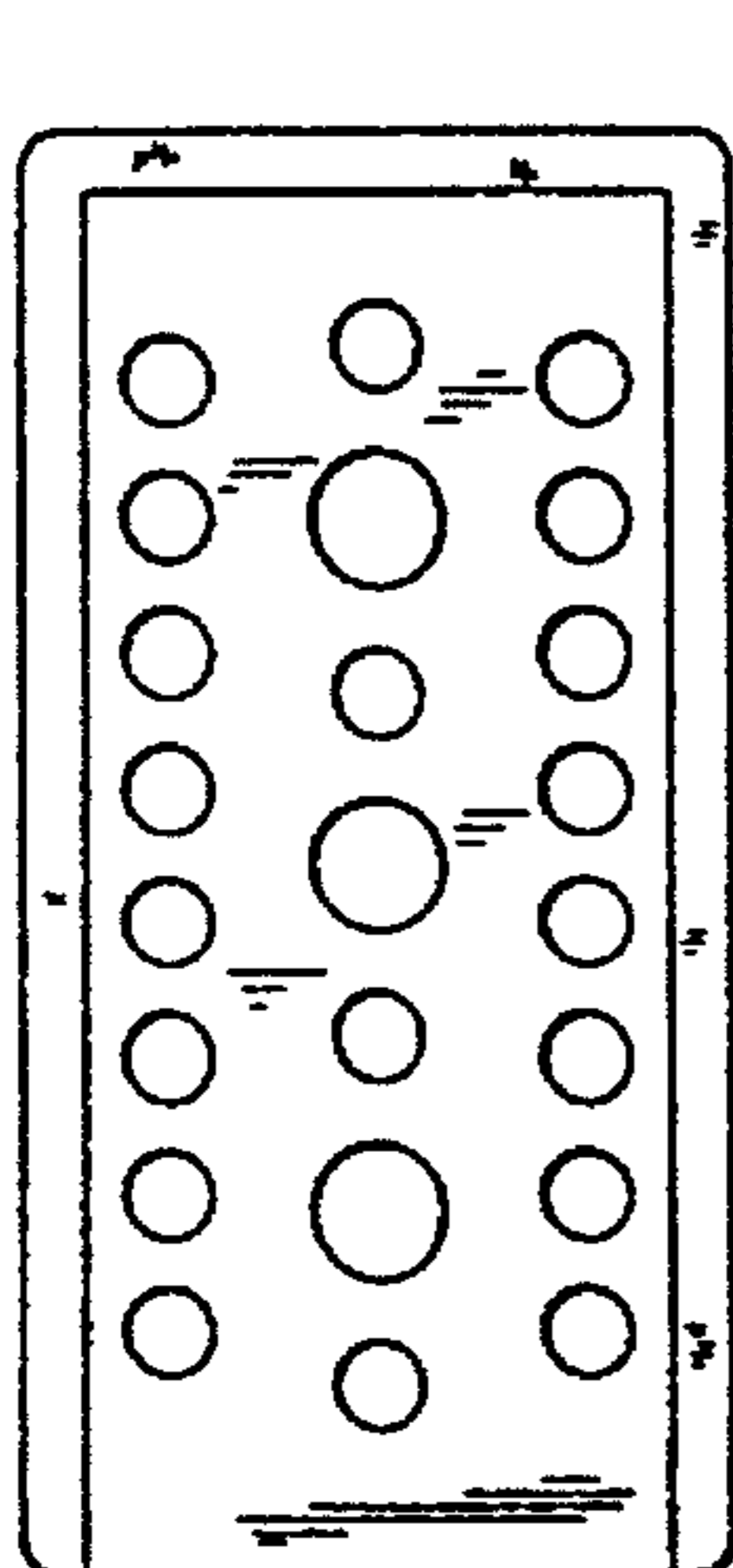


Fig. 17

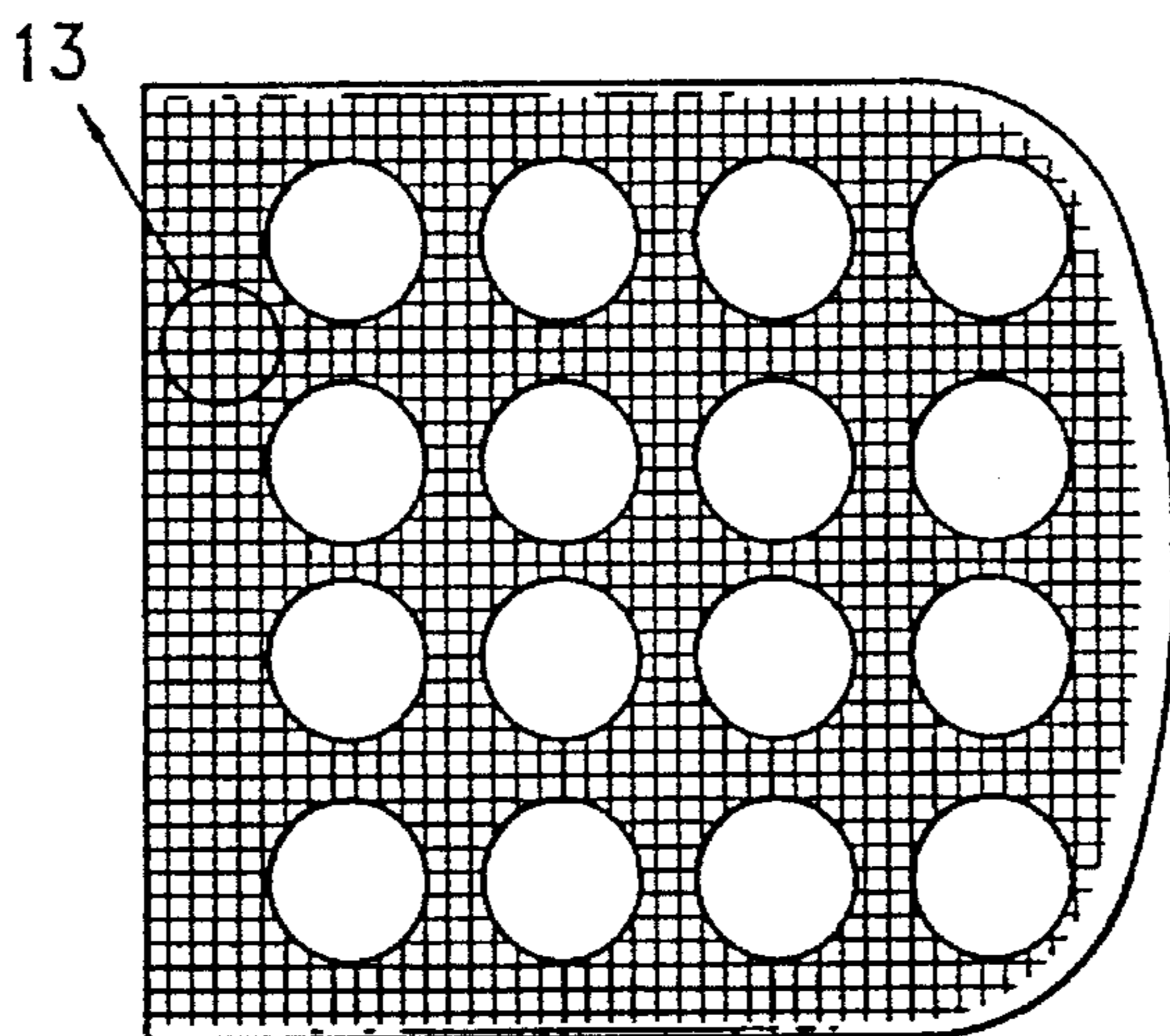


Fig. 14

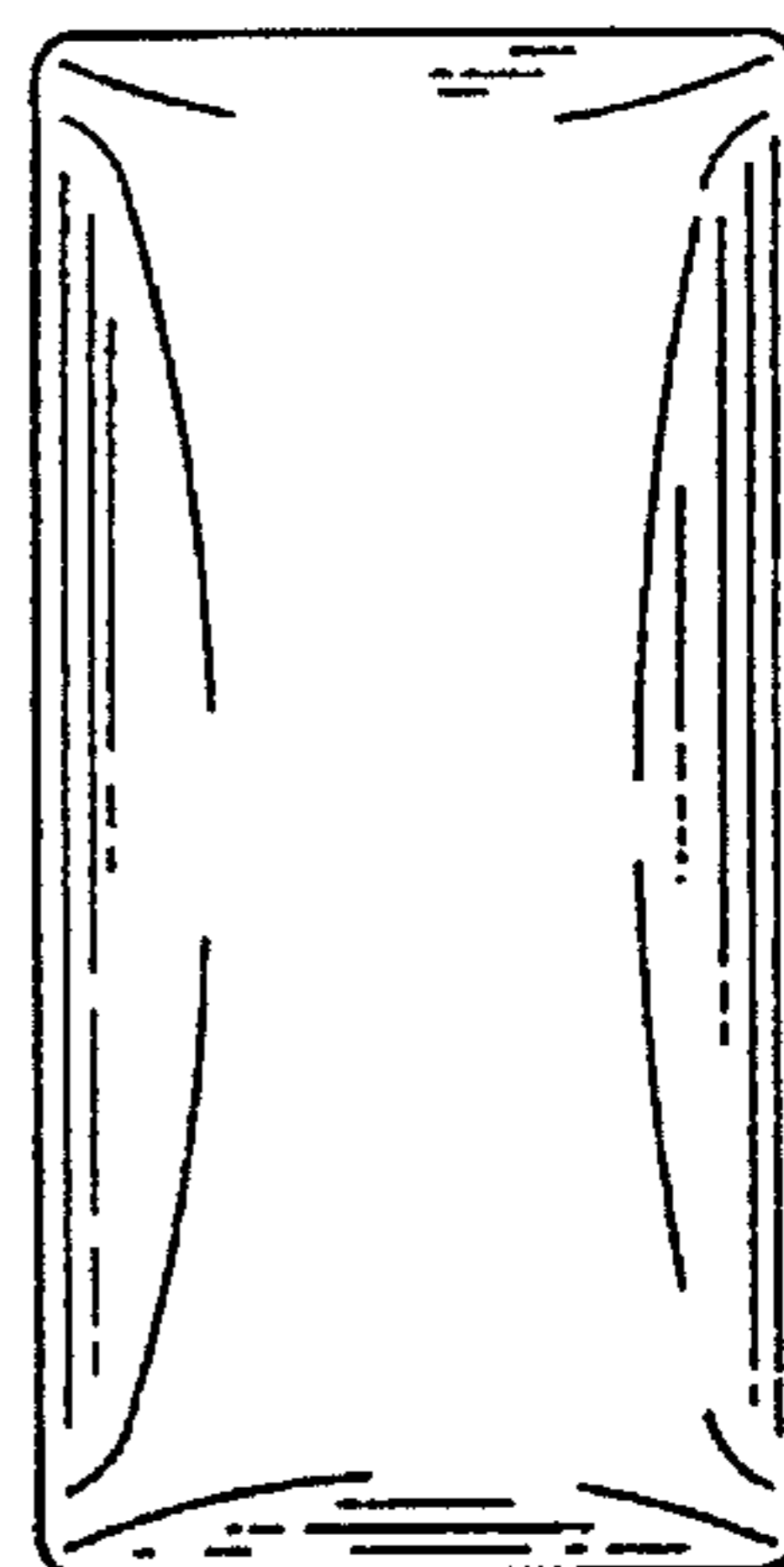


Fig. 18

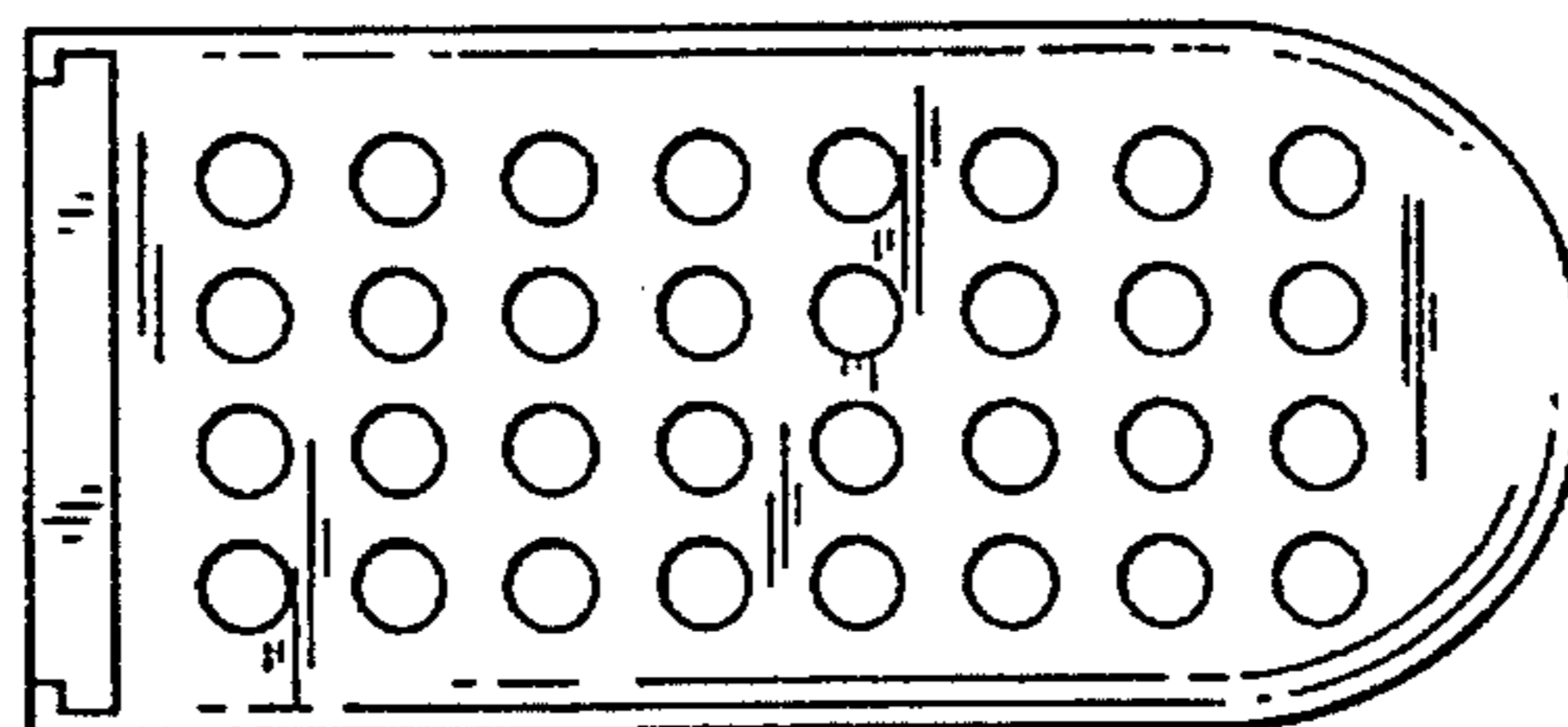


Fig. 16

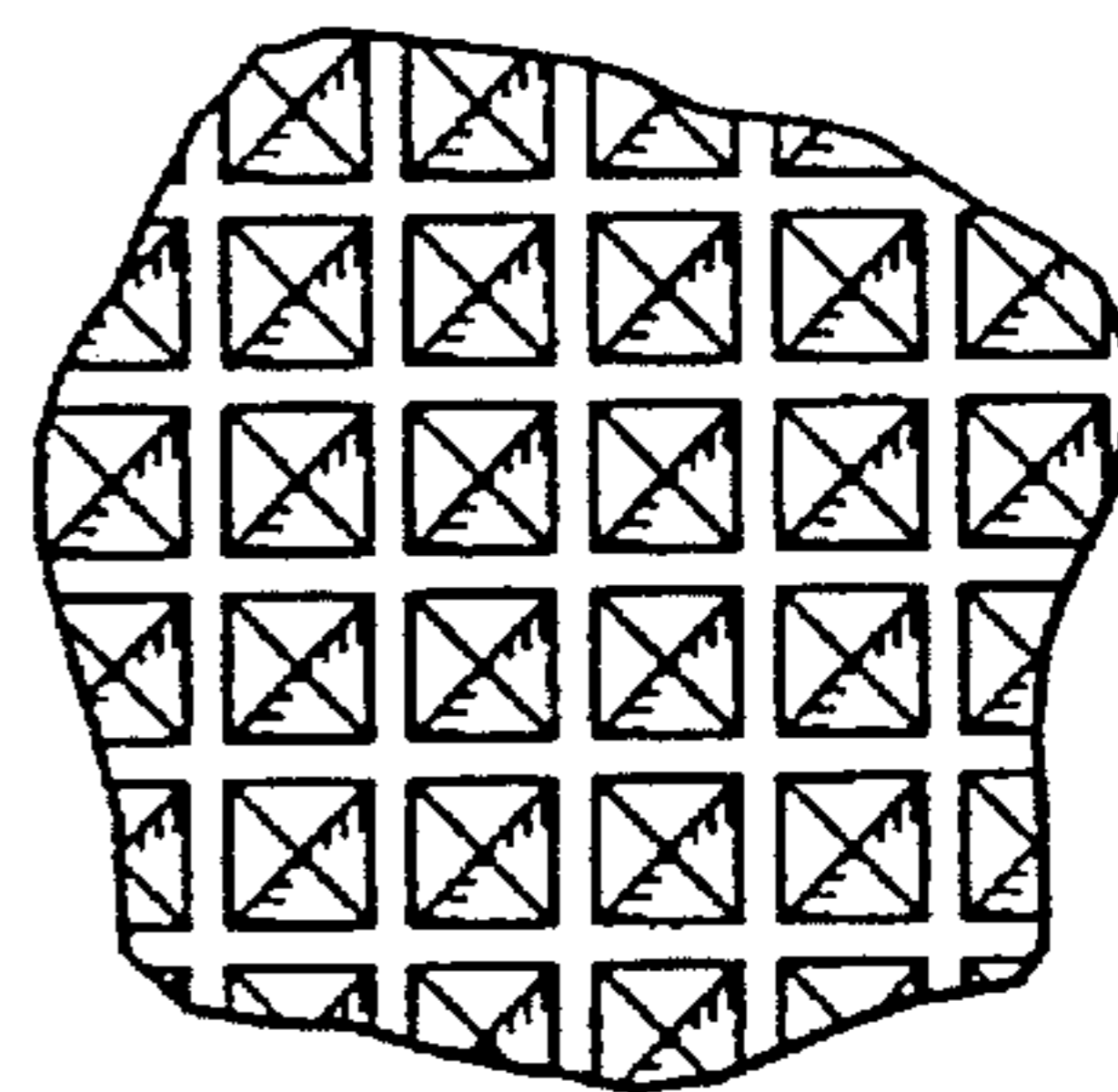


Fig. 19

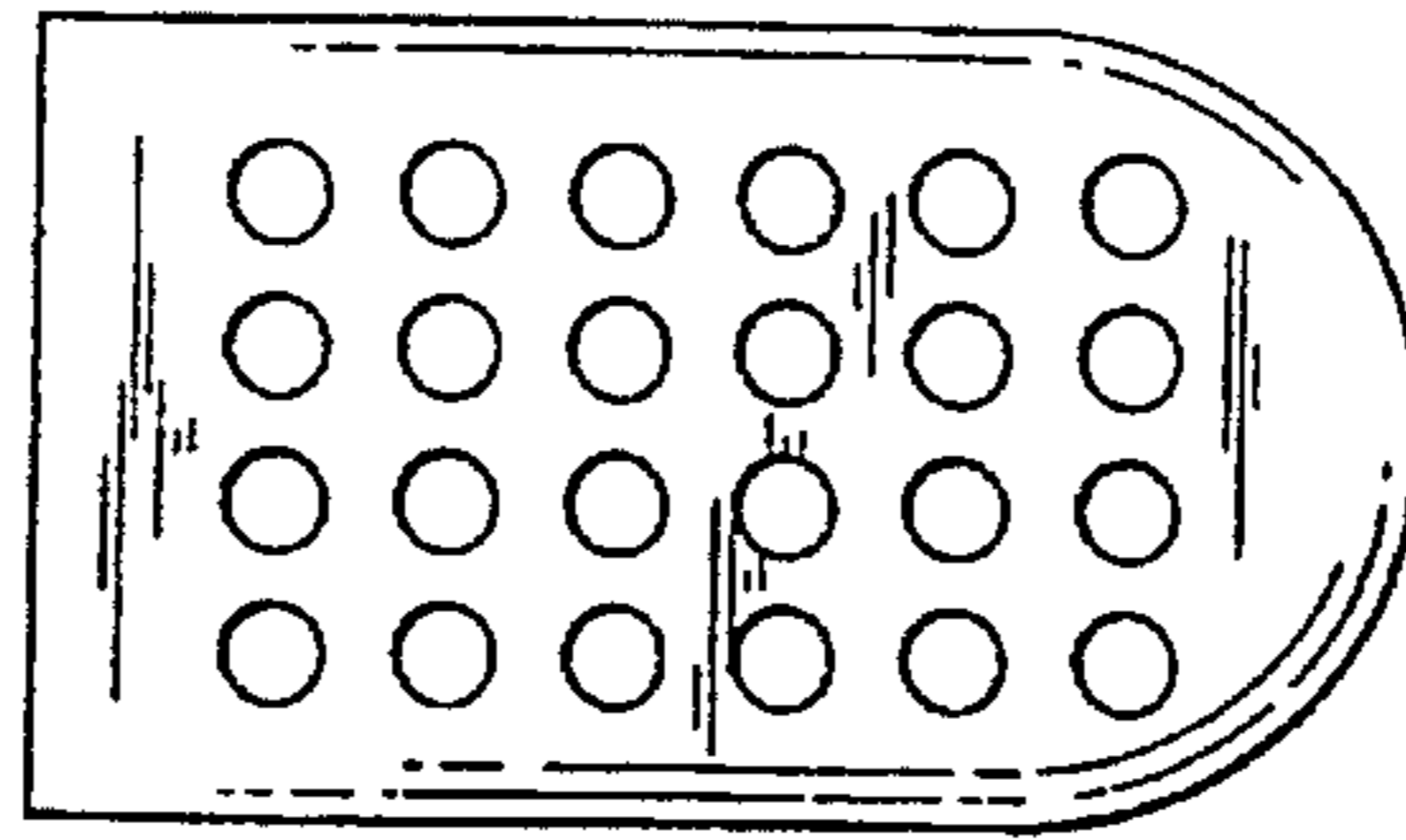


Fig. 21

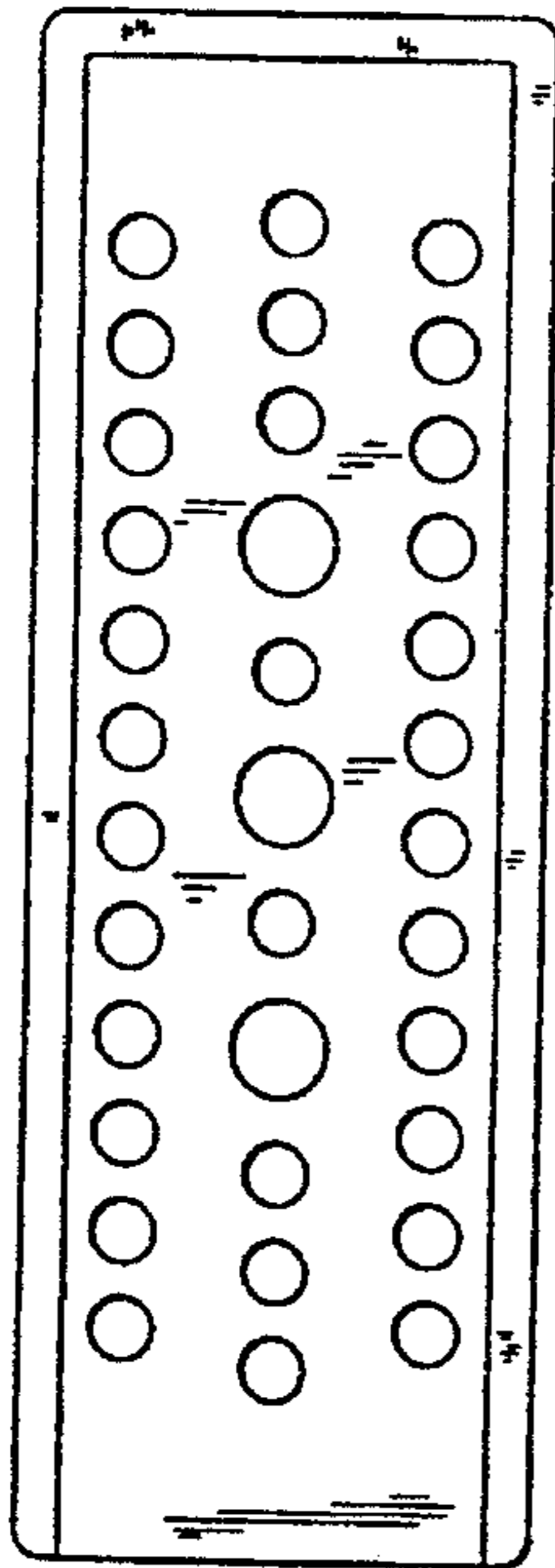


Fig. 23

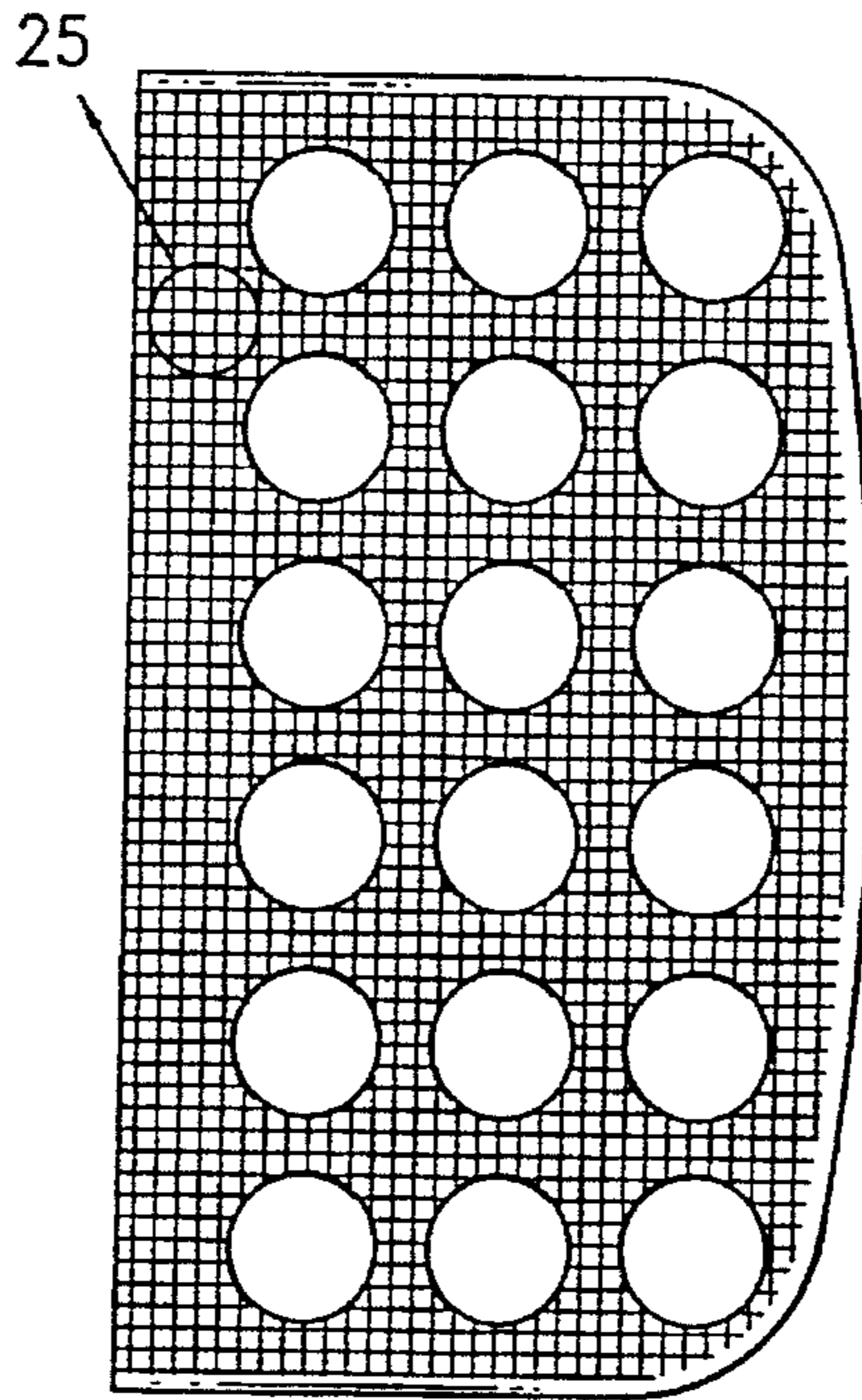


Fig. 20

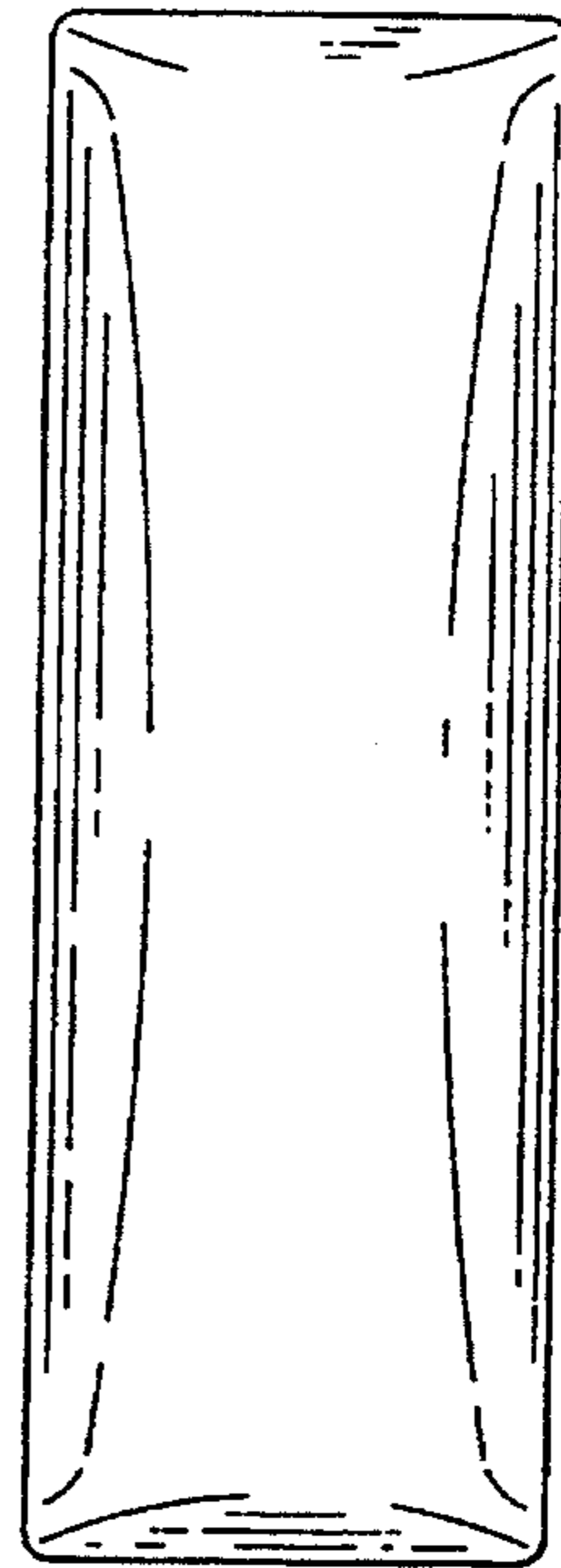


Fig. 24

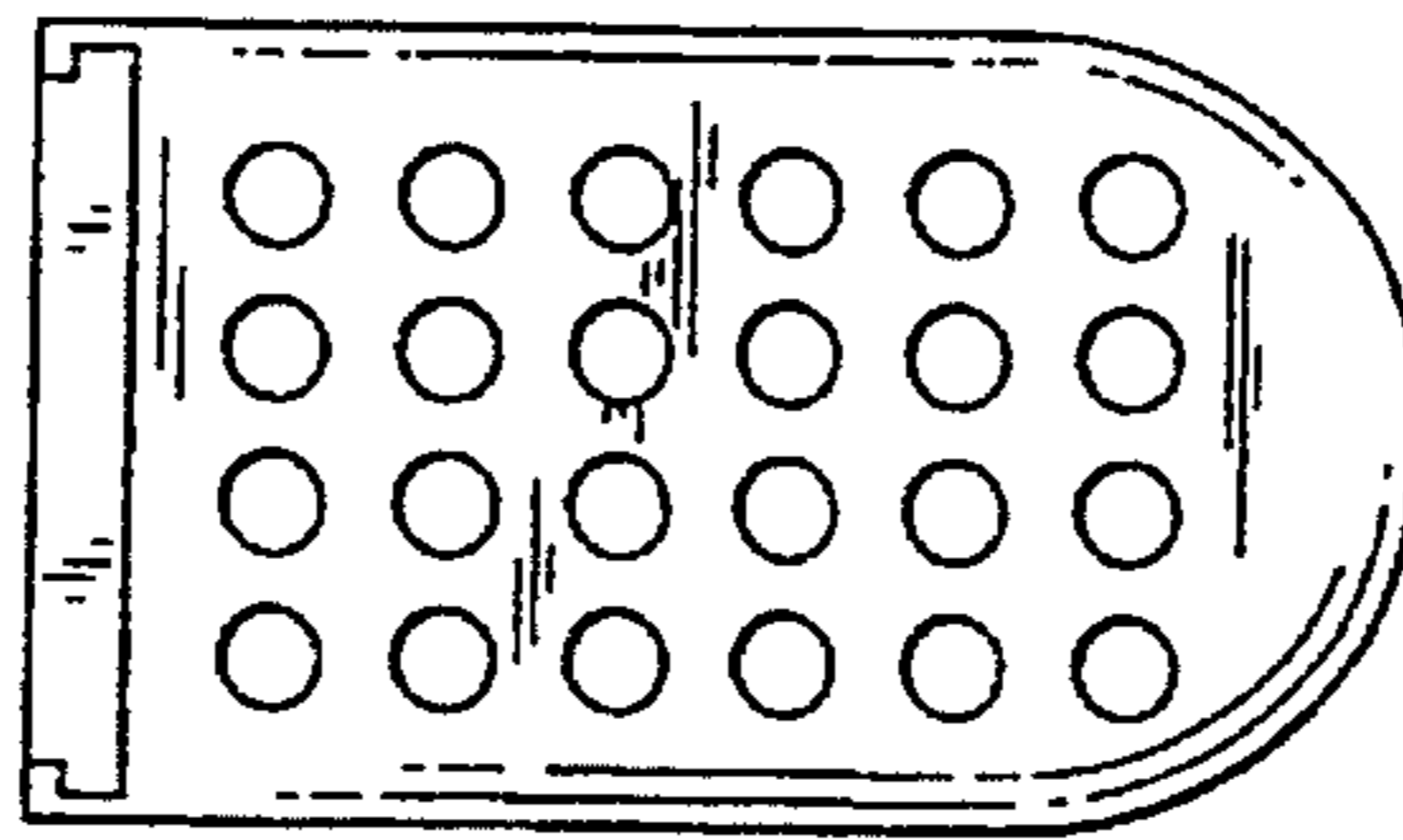


Fig. 22

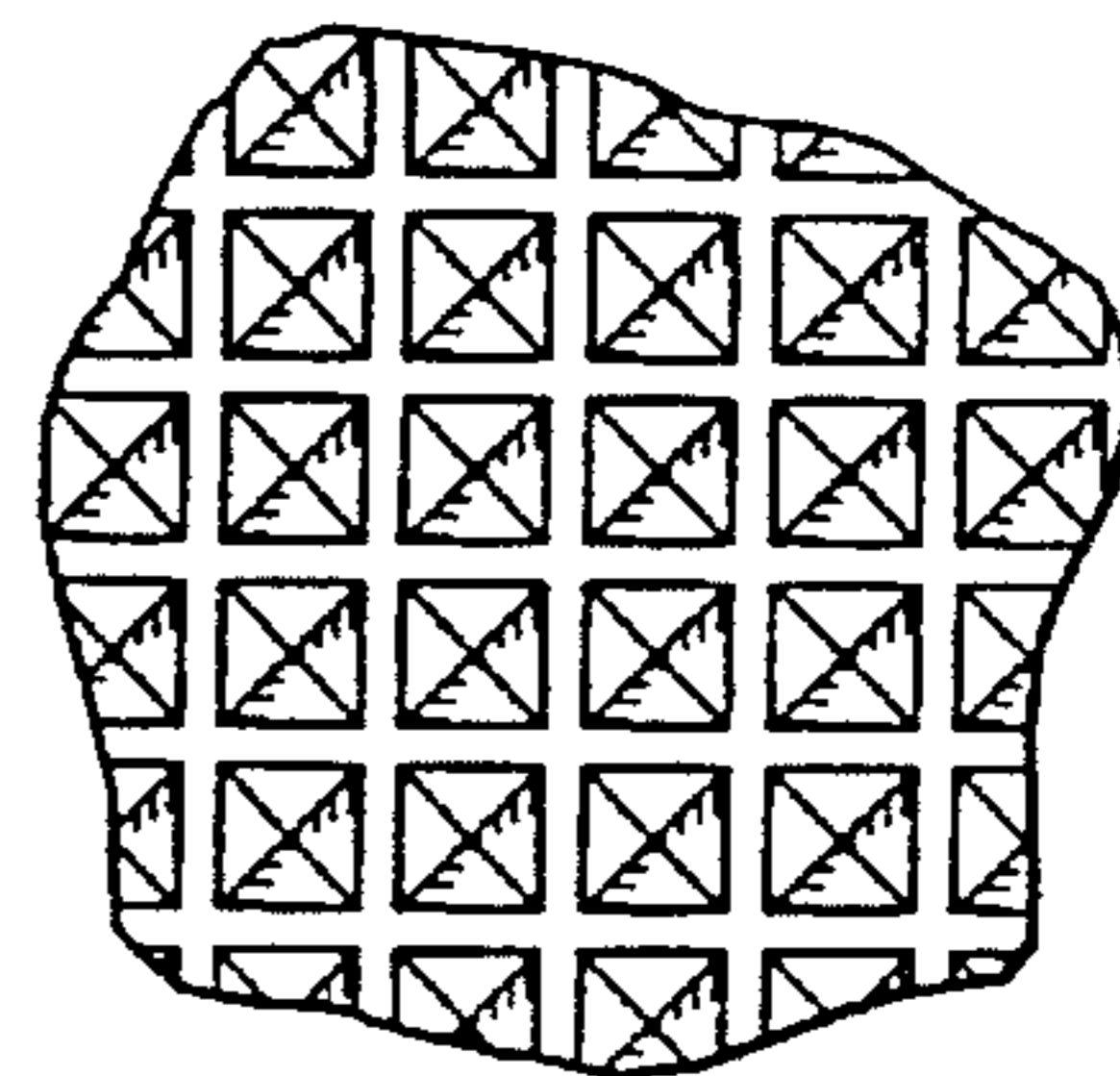


Fig. 25