



US00D377527S

# 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

## [56] References Cited

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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;

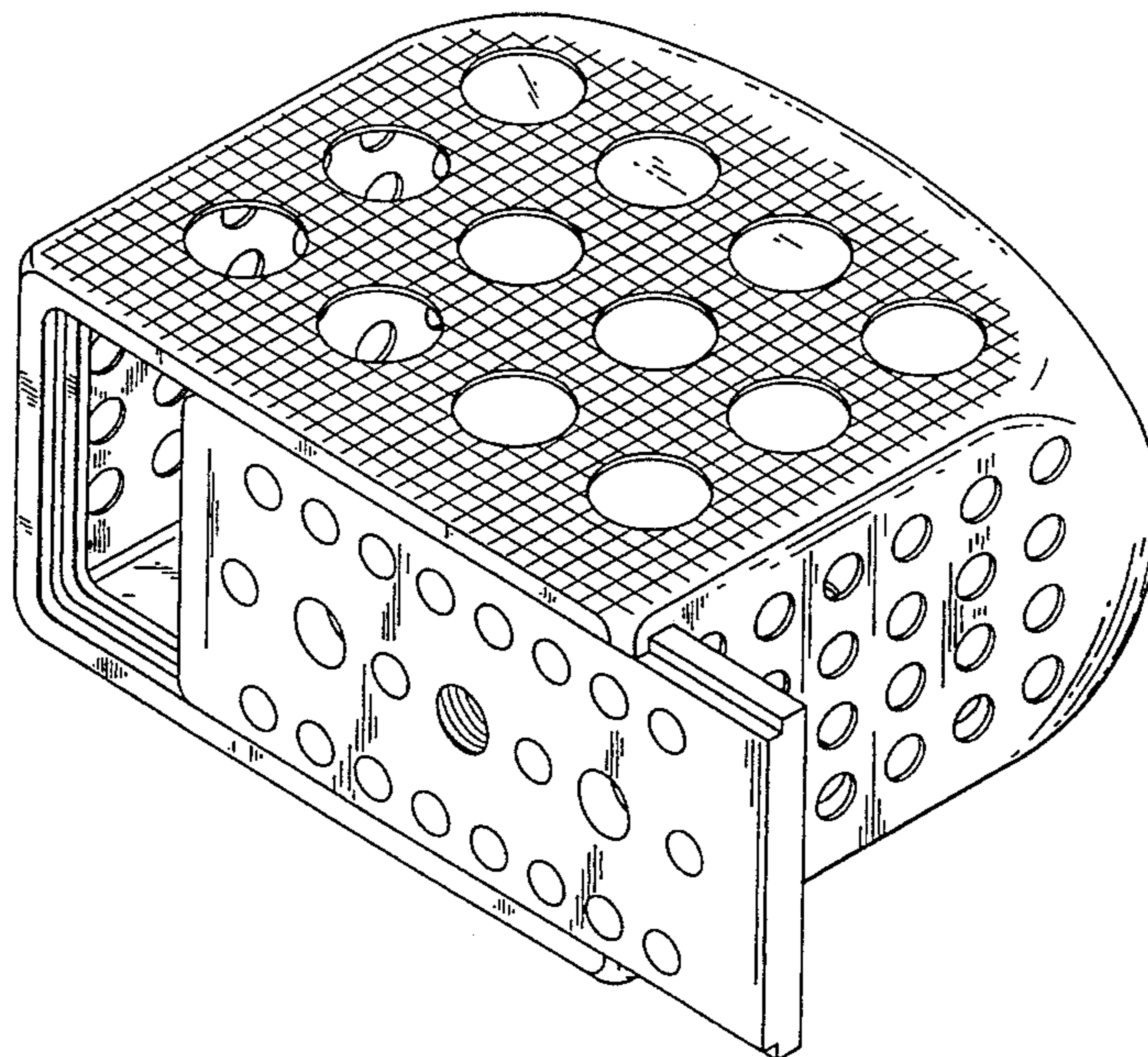
FIG. 22 is a right side elevational view of the design of FIG. 20;

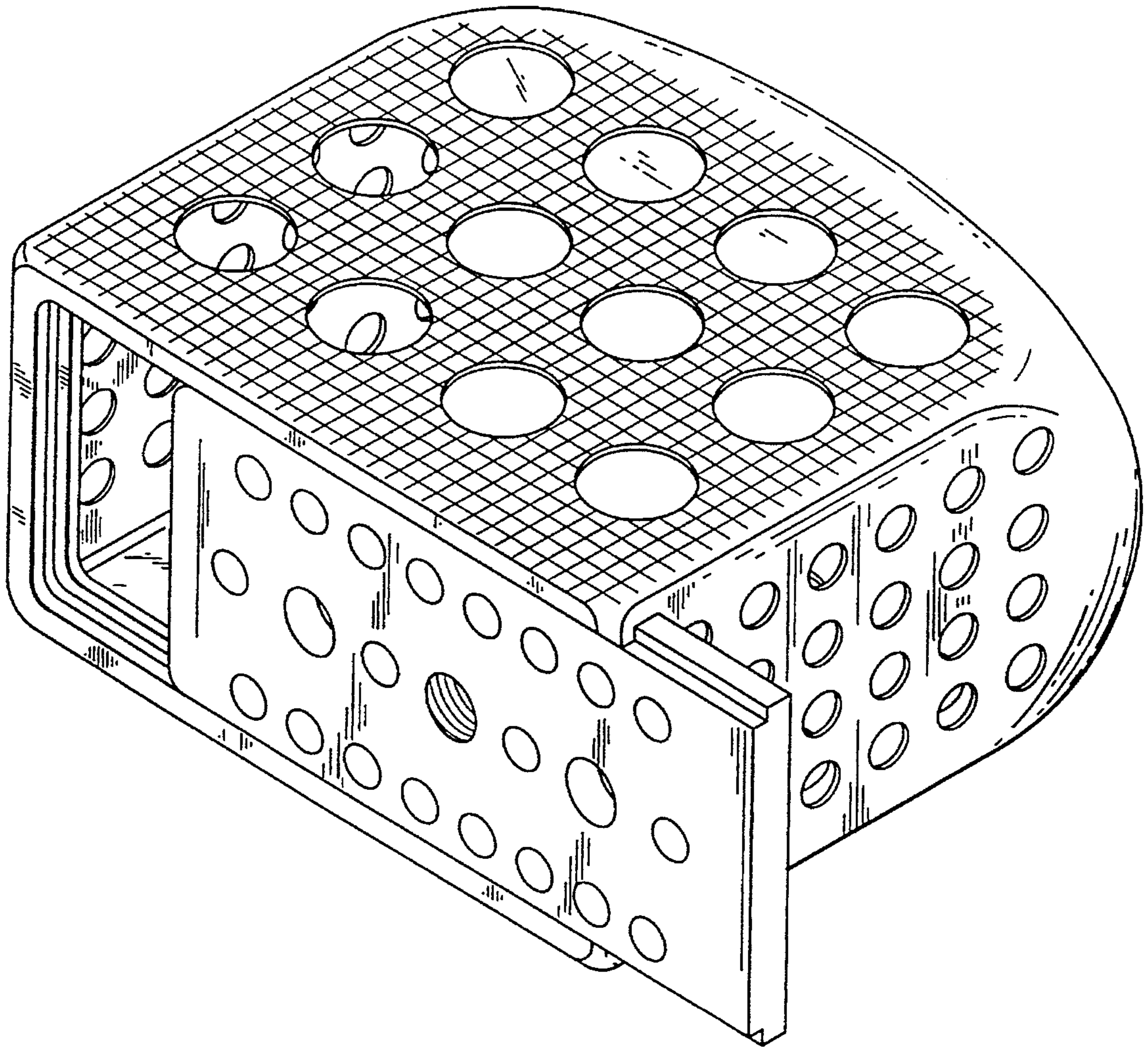
FIG. 23 is a rear end view of the design of FIG. 20;

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

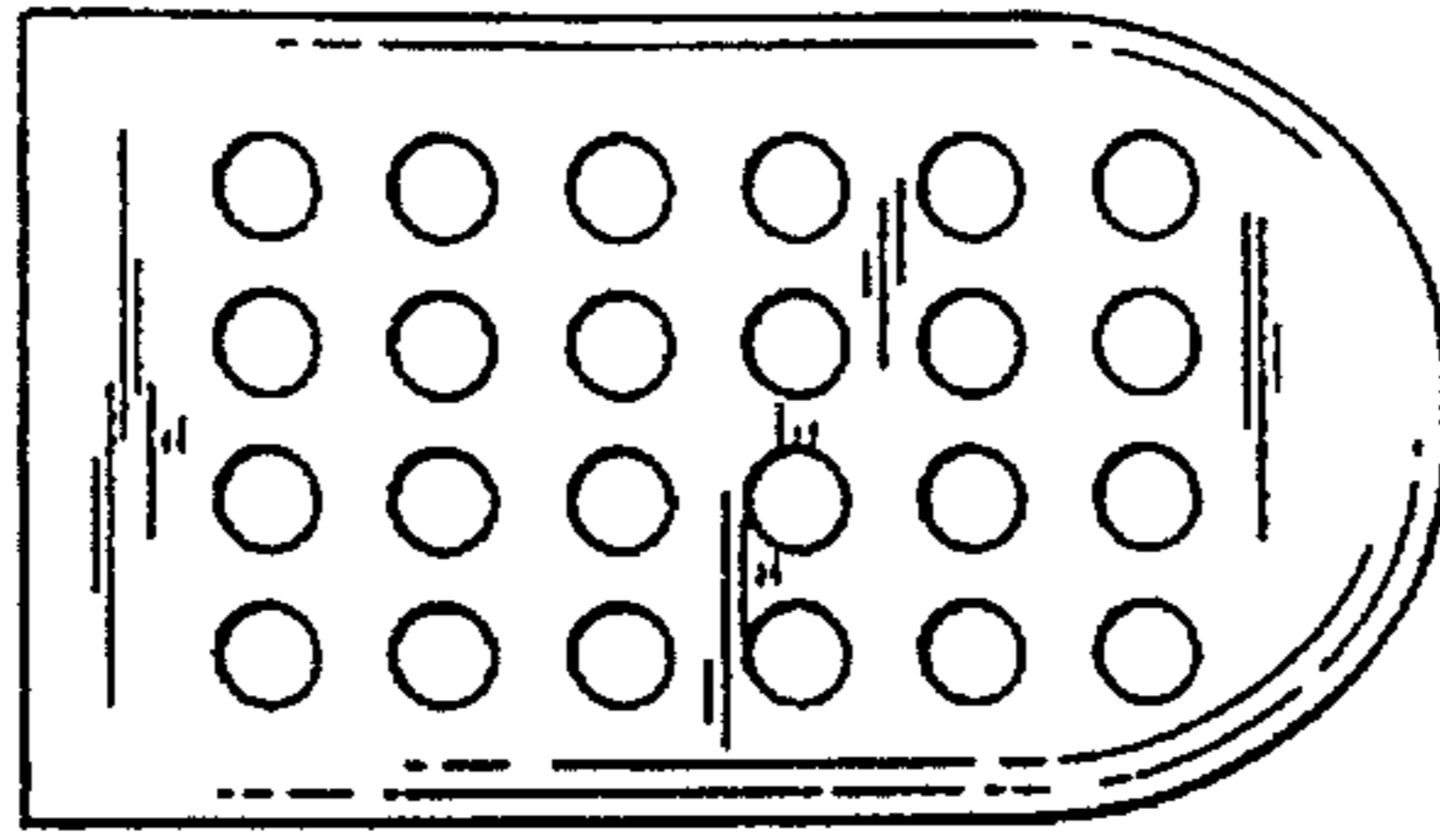
FIG. 25 is an enlarged fragmentary view along line 25 of the design of FIG. 20.

1 Claim, 5 Drawing Sheets

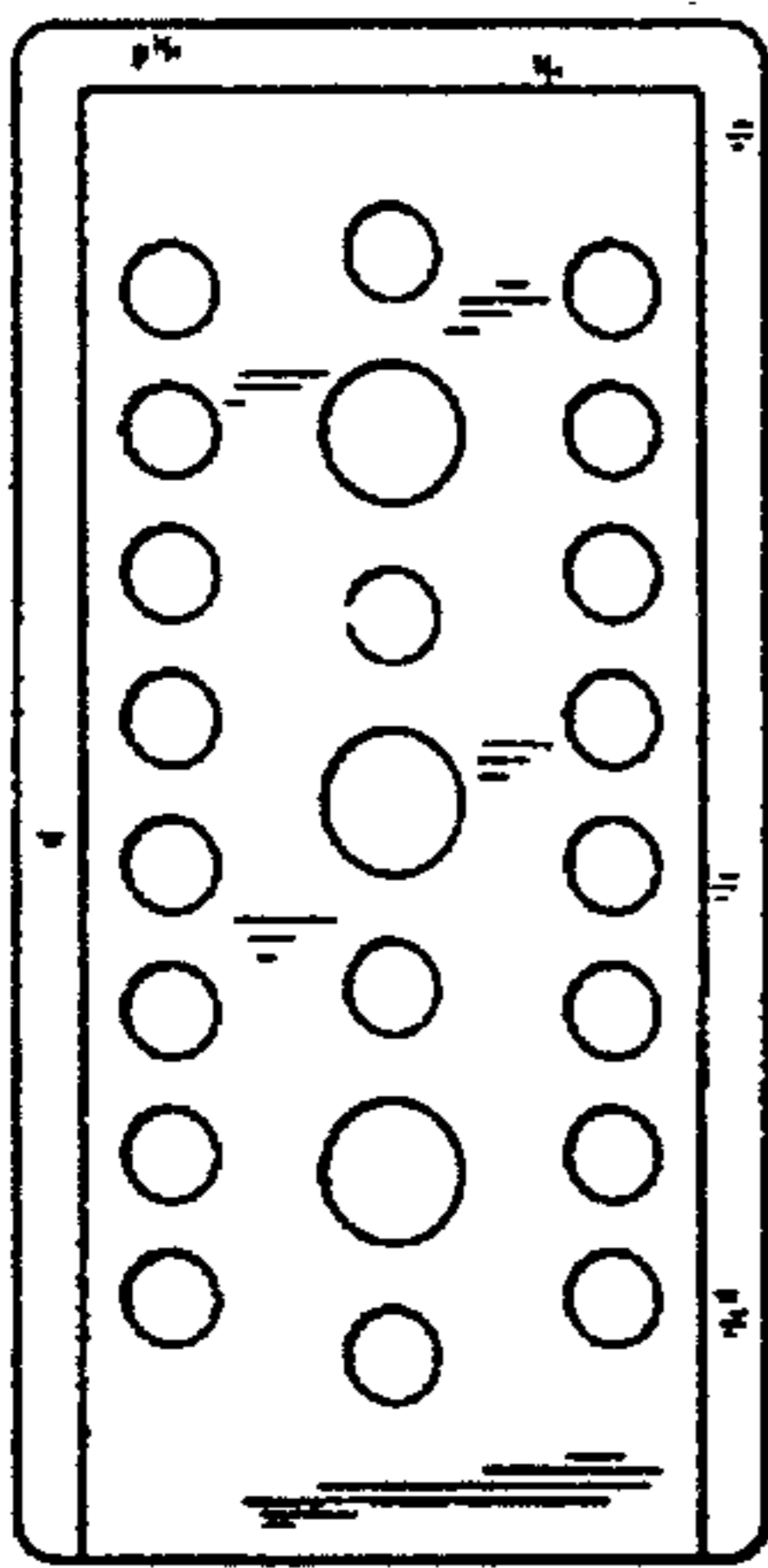




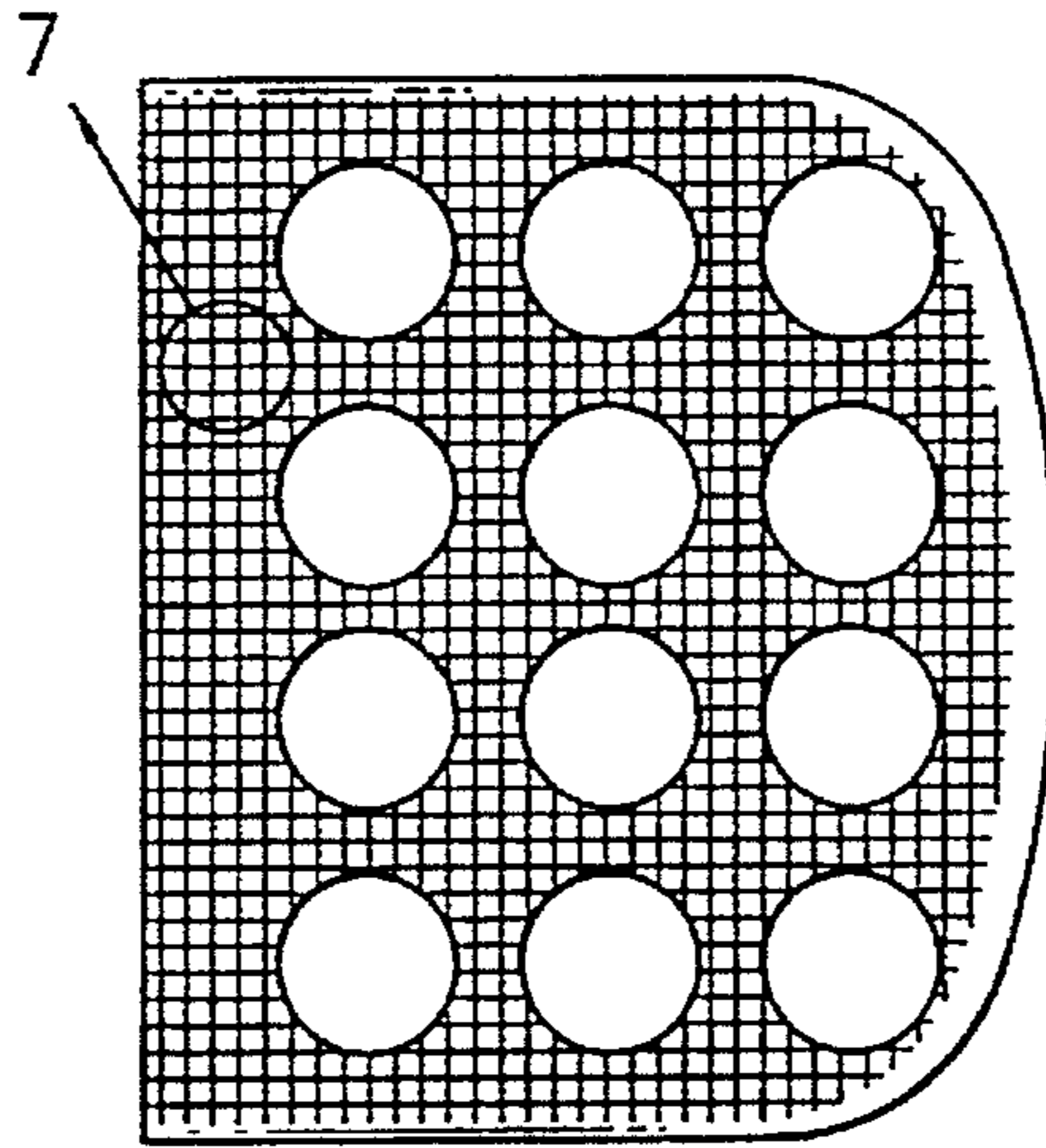
**Fig. 1**



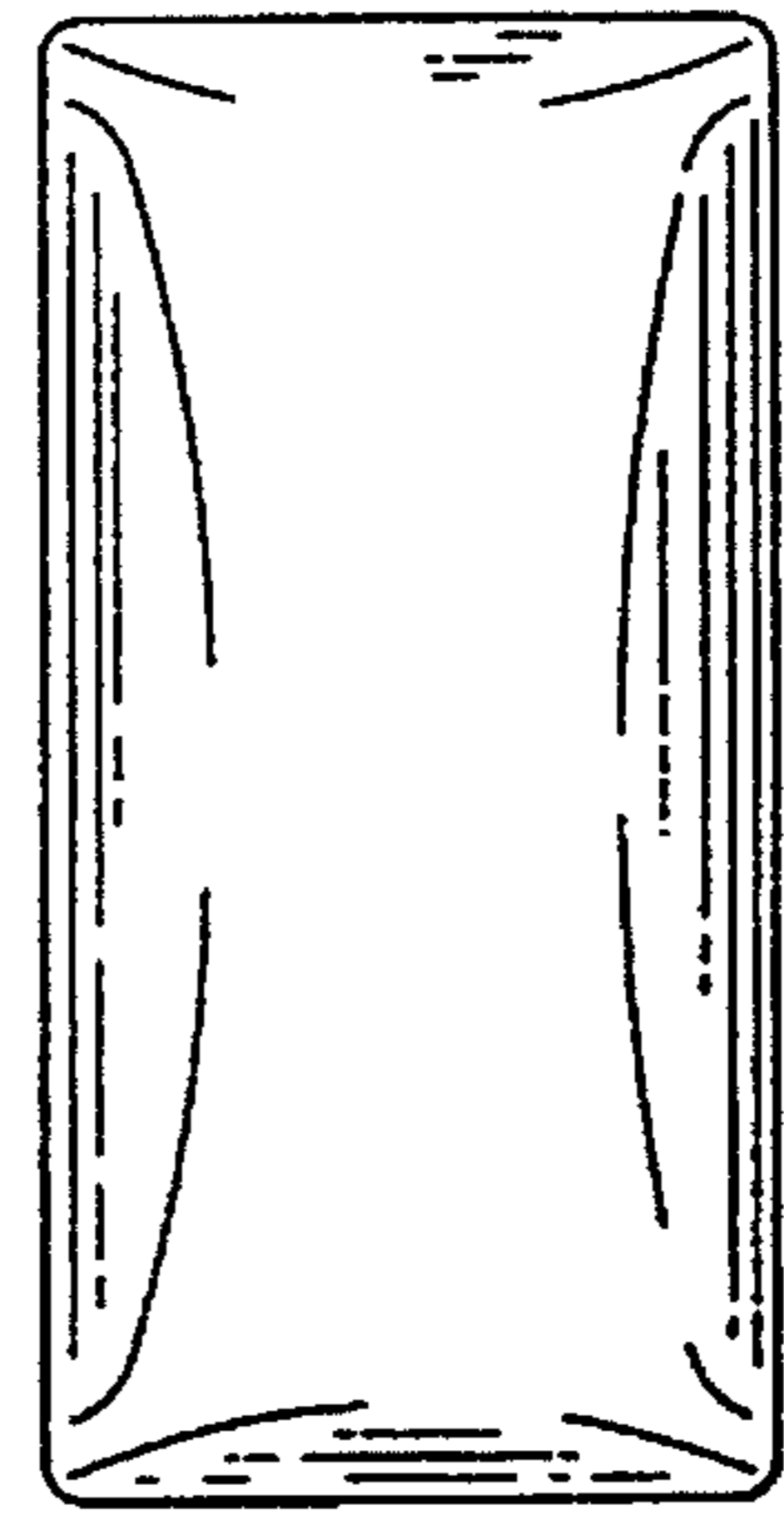
**Fig. 3**



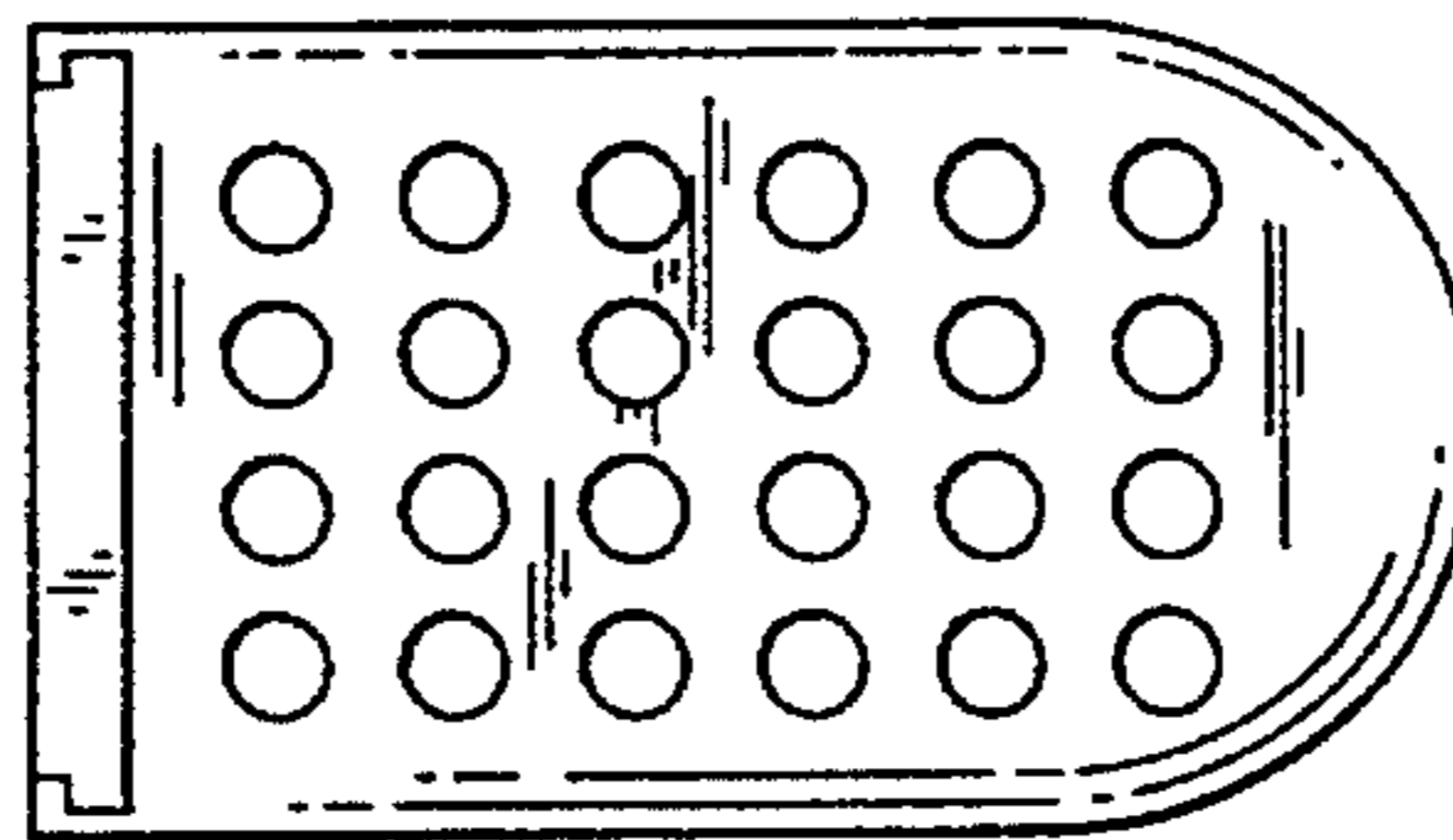
**Fig. 5**



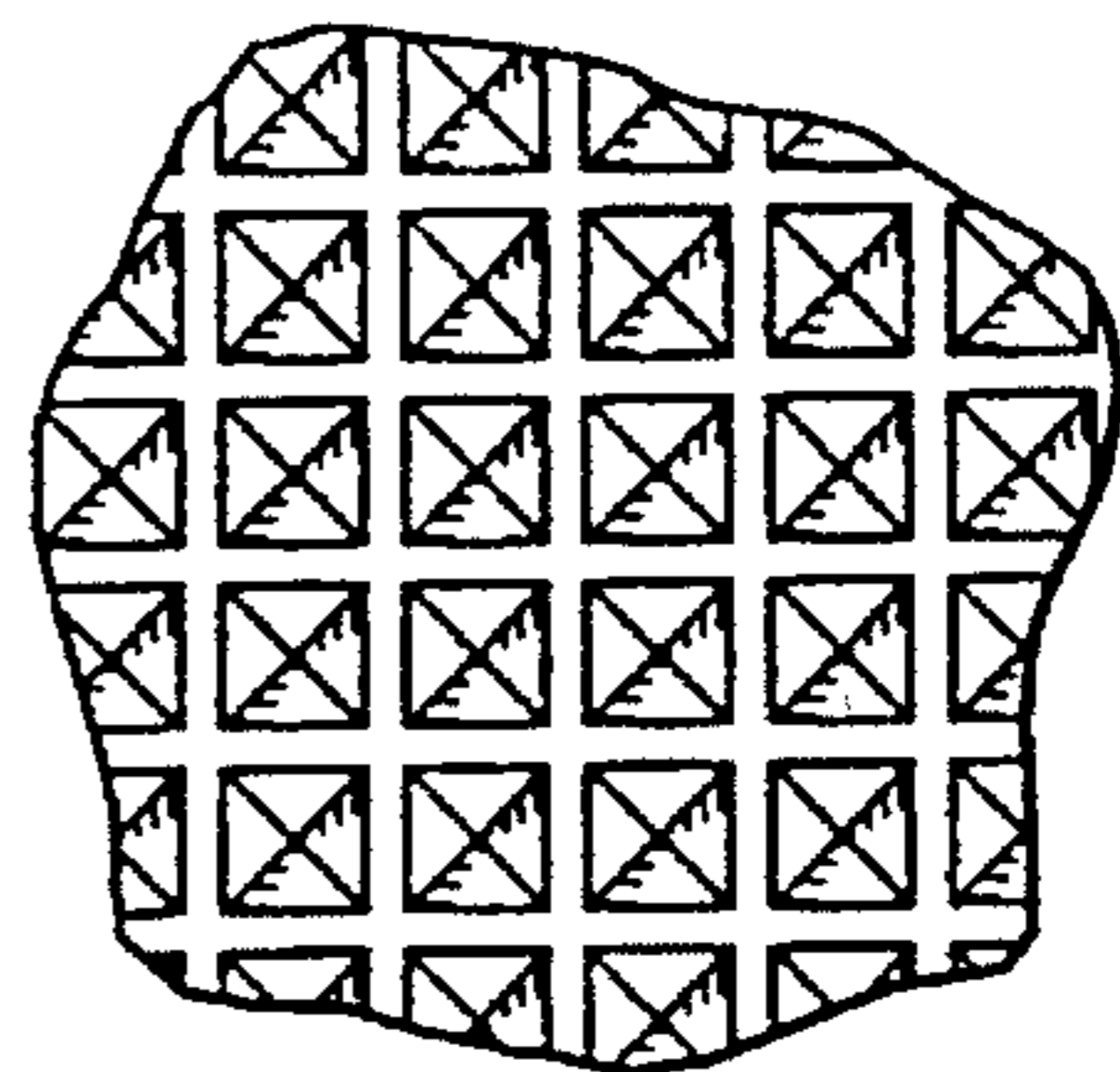
**Fig. 2**



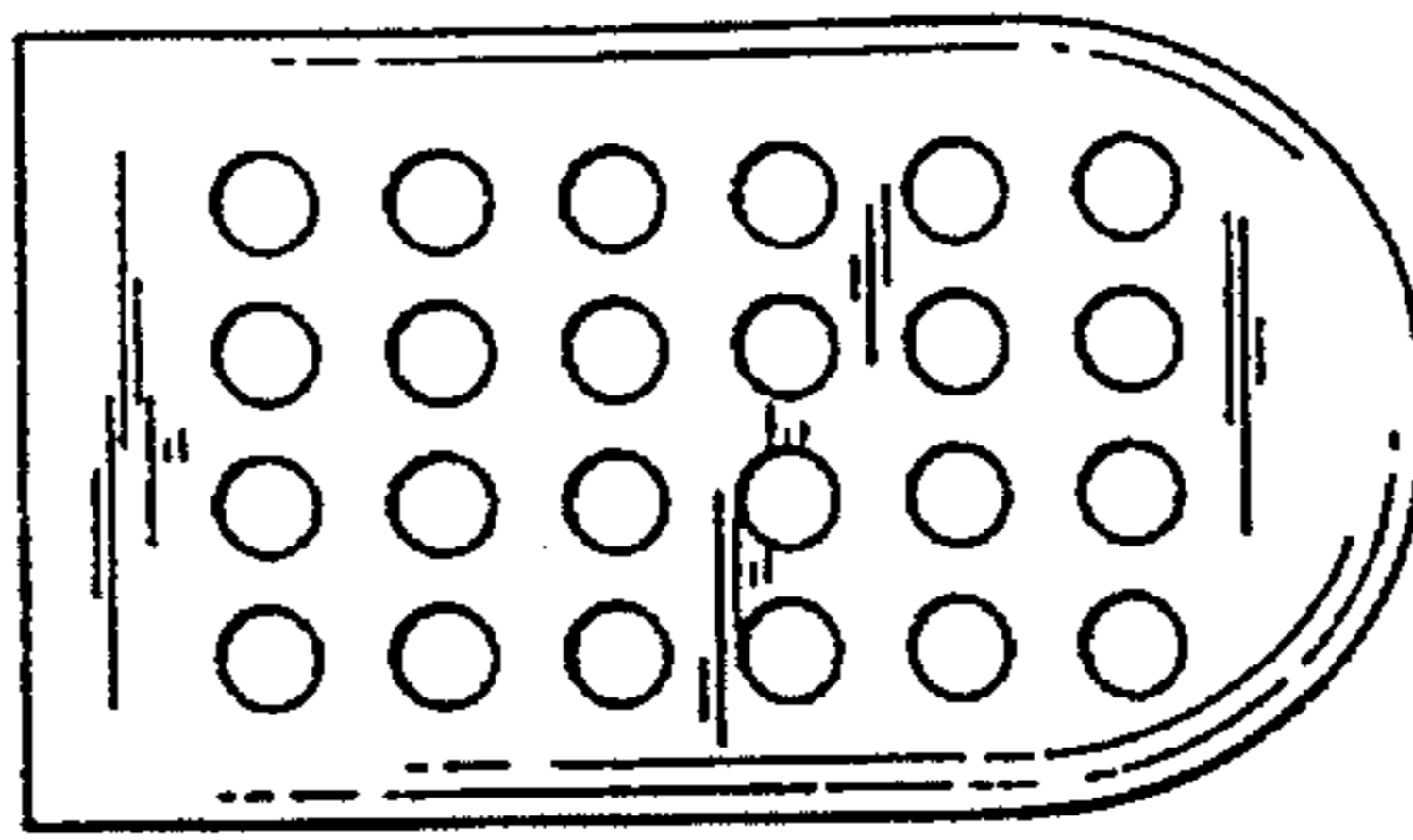
**Fig. 6**



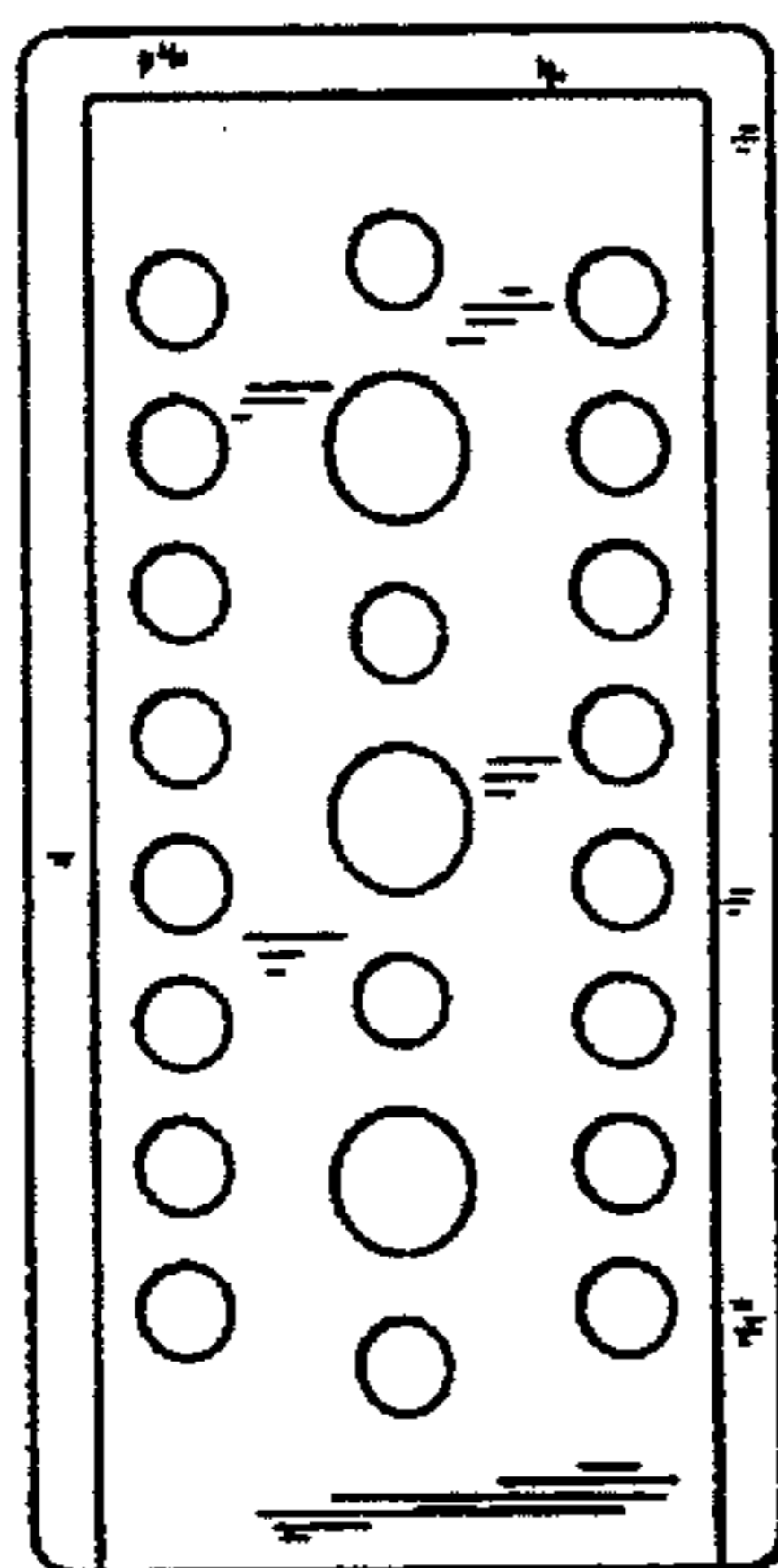
**Fig. 4**



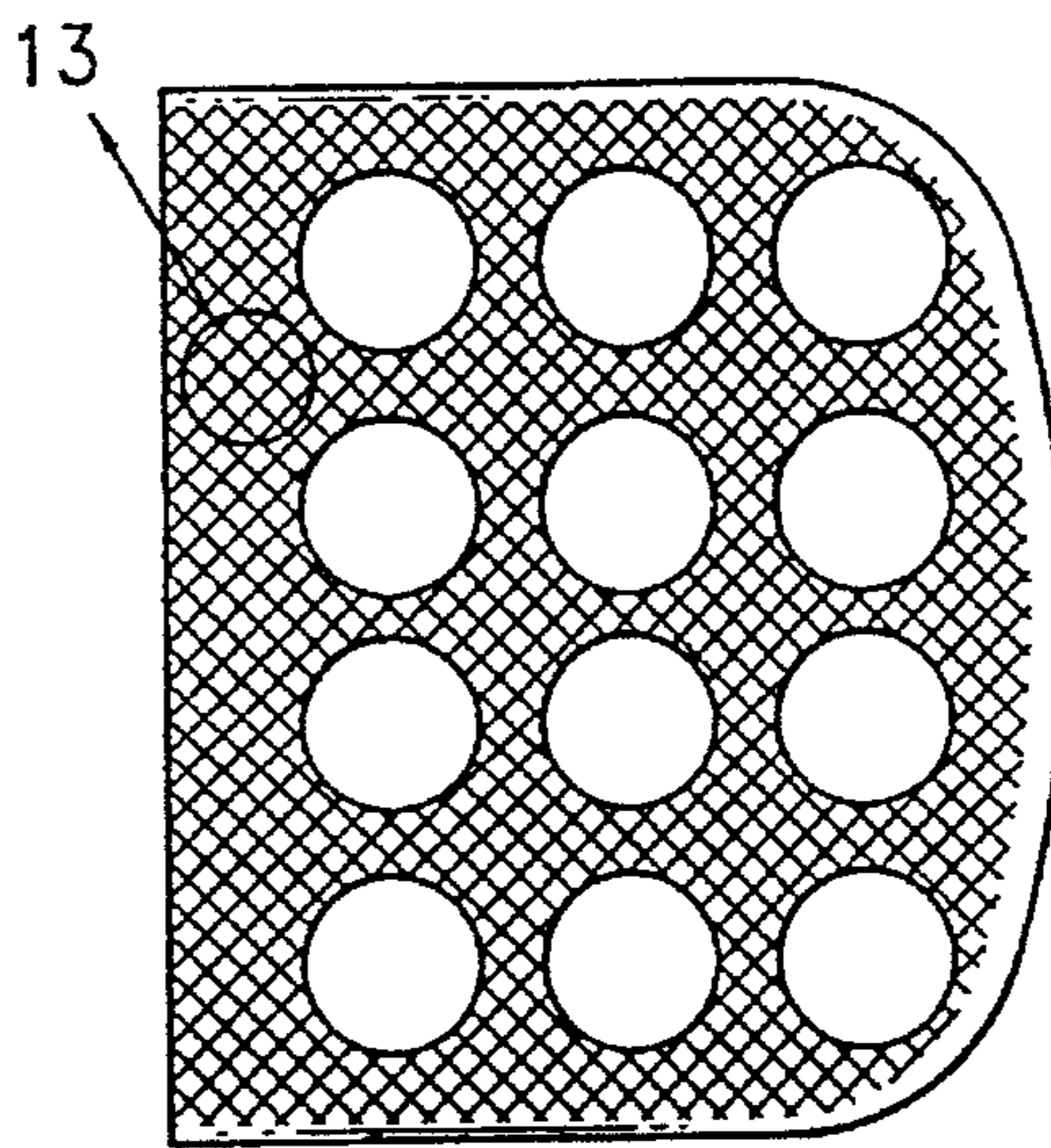
**Fig. 7**



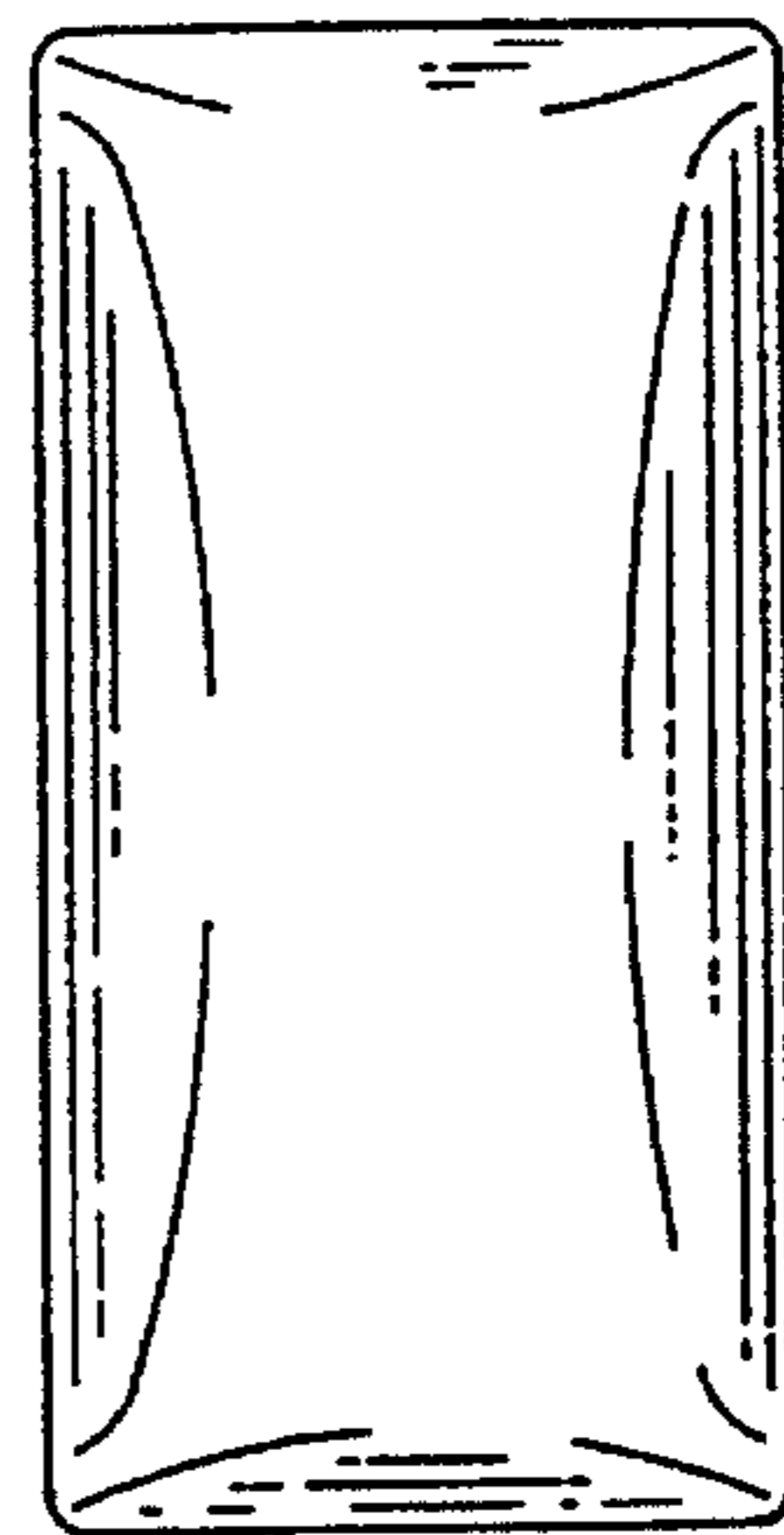
**Fig. 9**



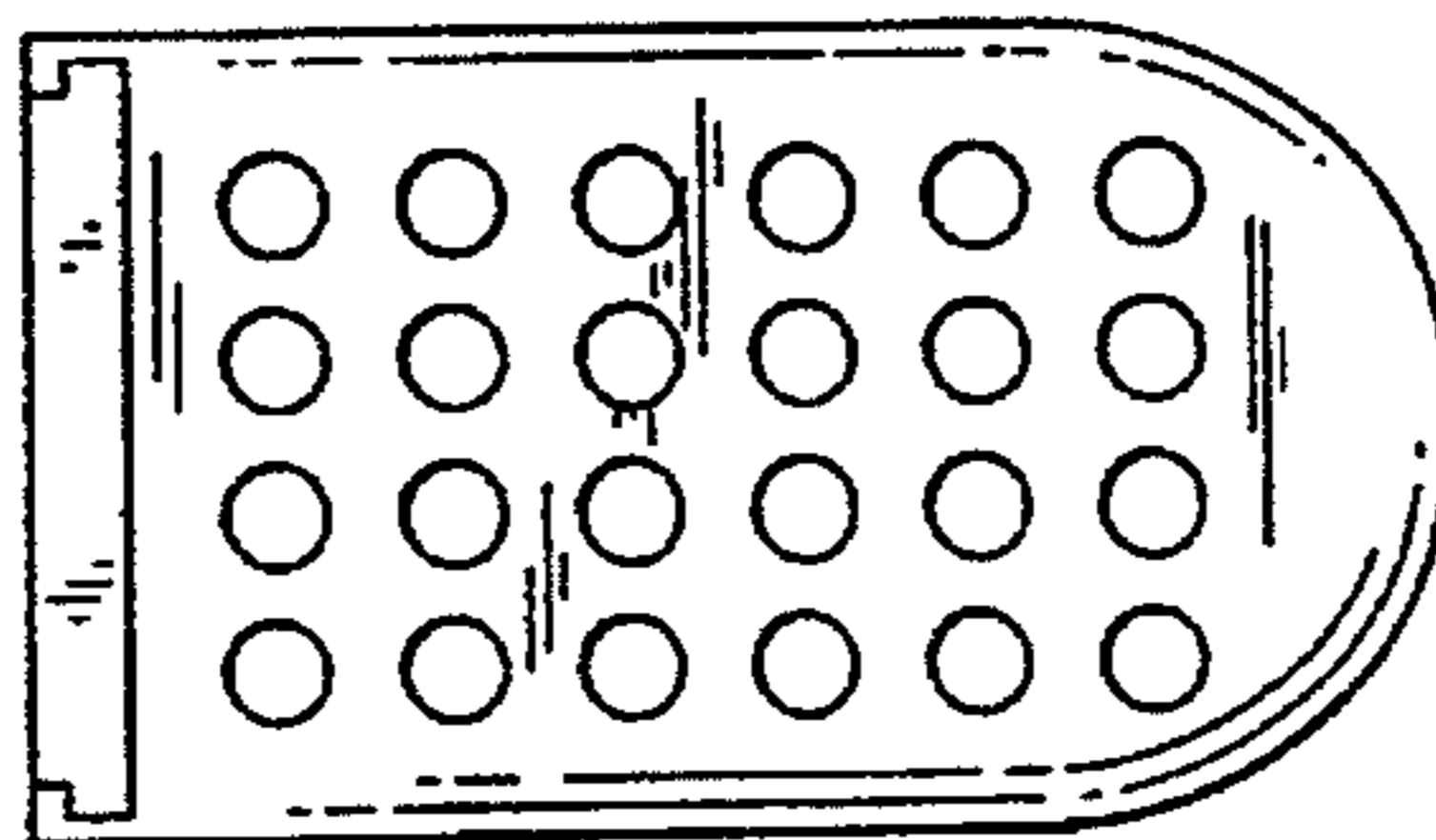
**Fig. 11**



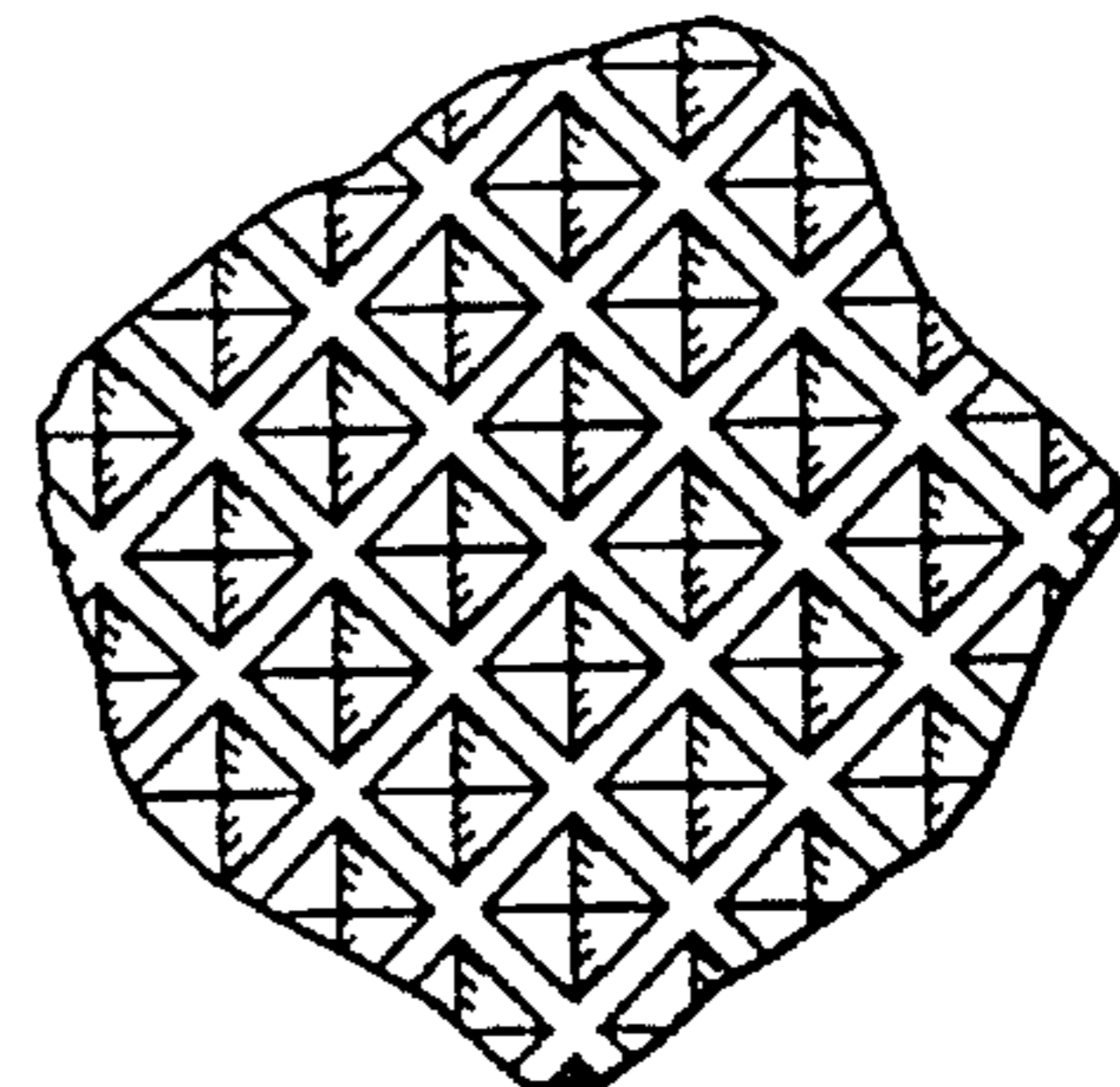
**Fig. 8**



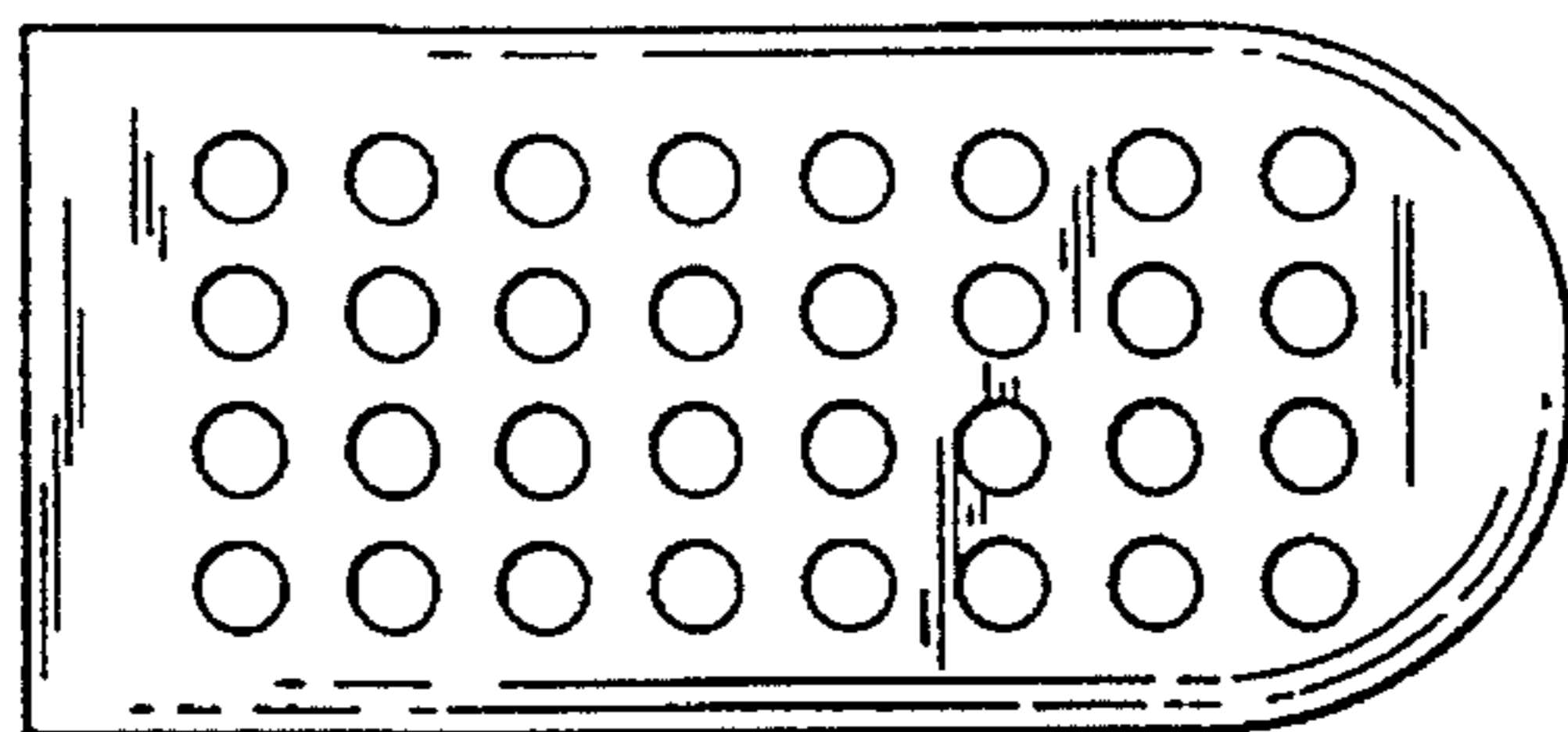
**Fig. 12**



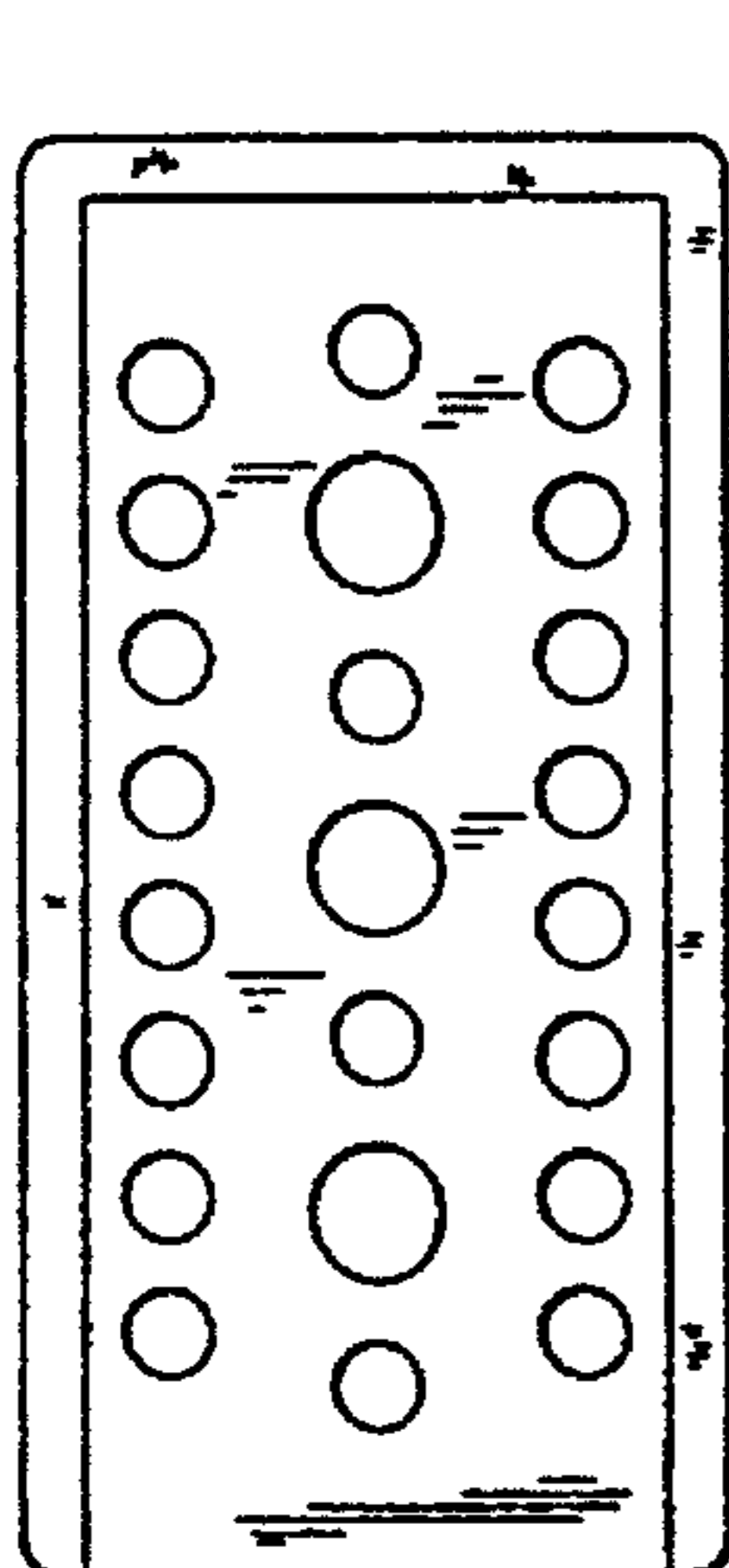
**Fig. 10**



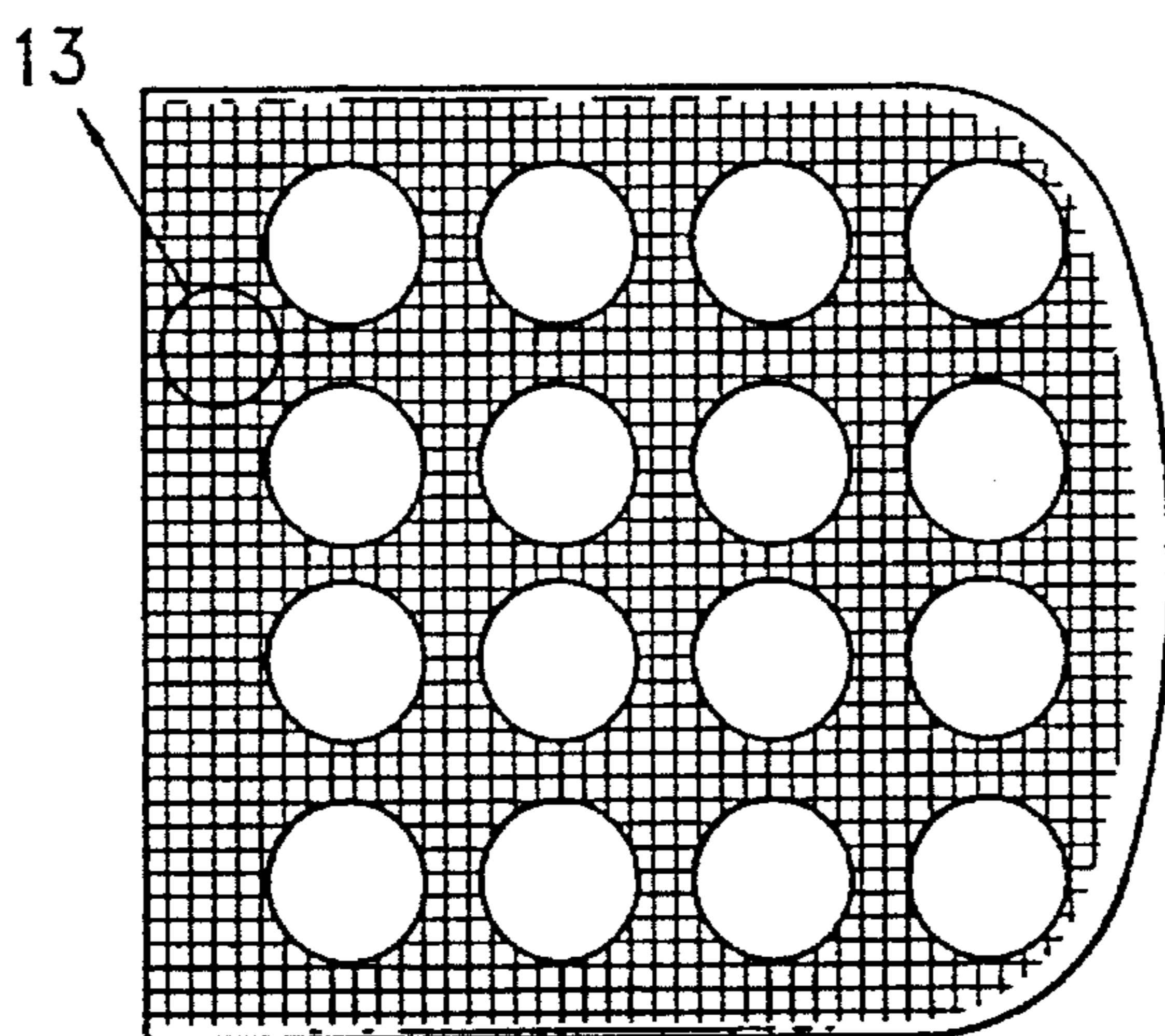
**Fig. 13**



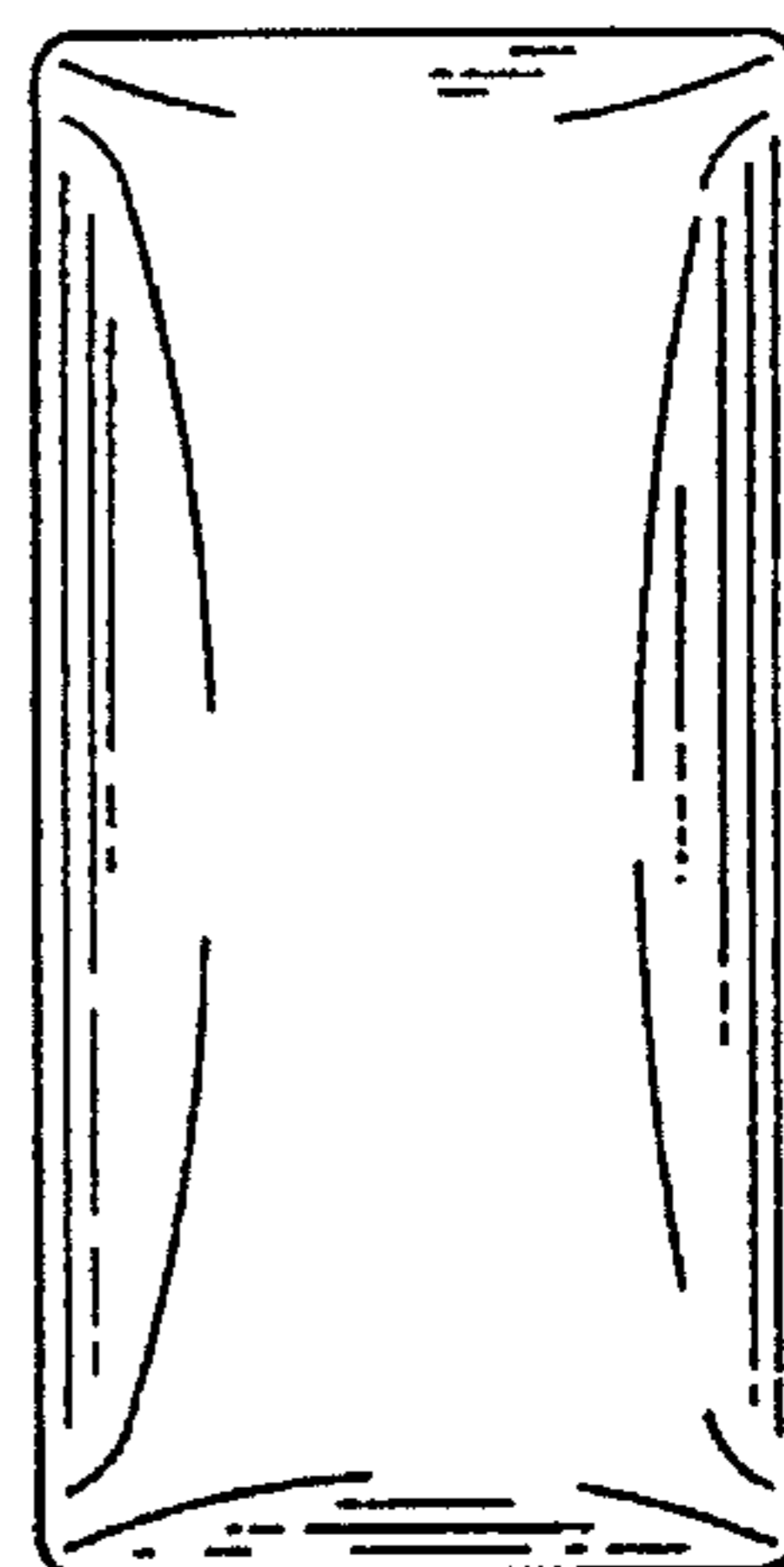
**Fig. 15**



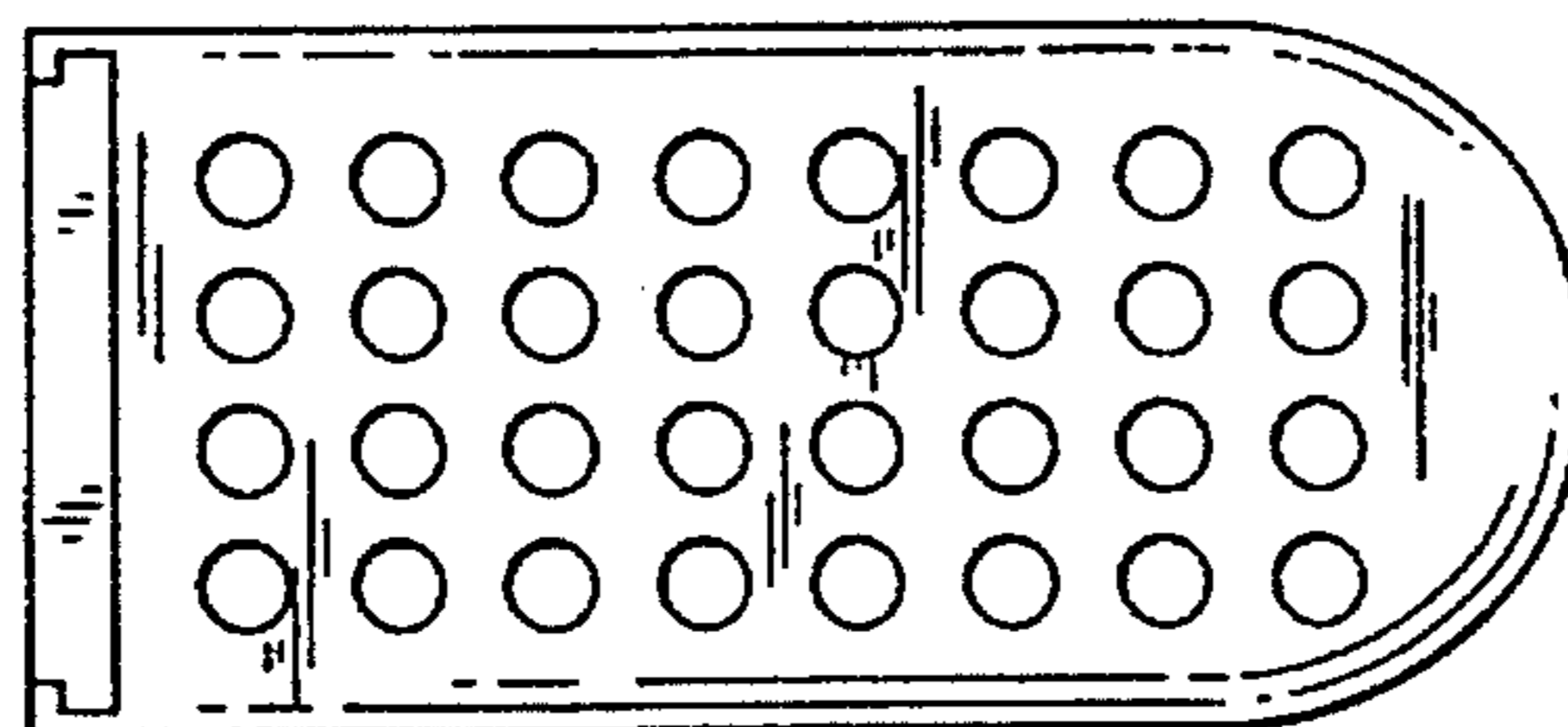
**Fig. 17**



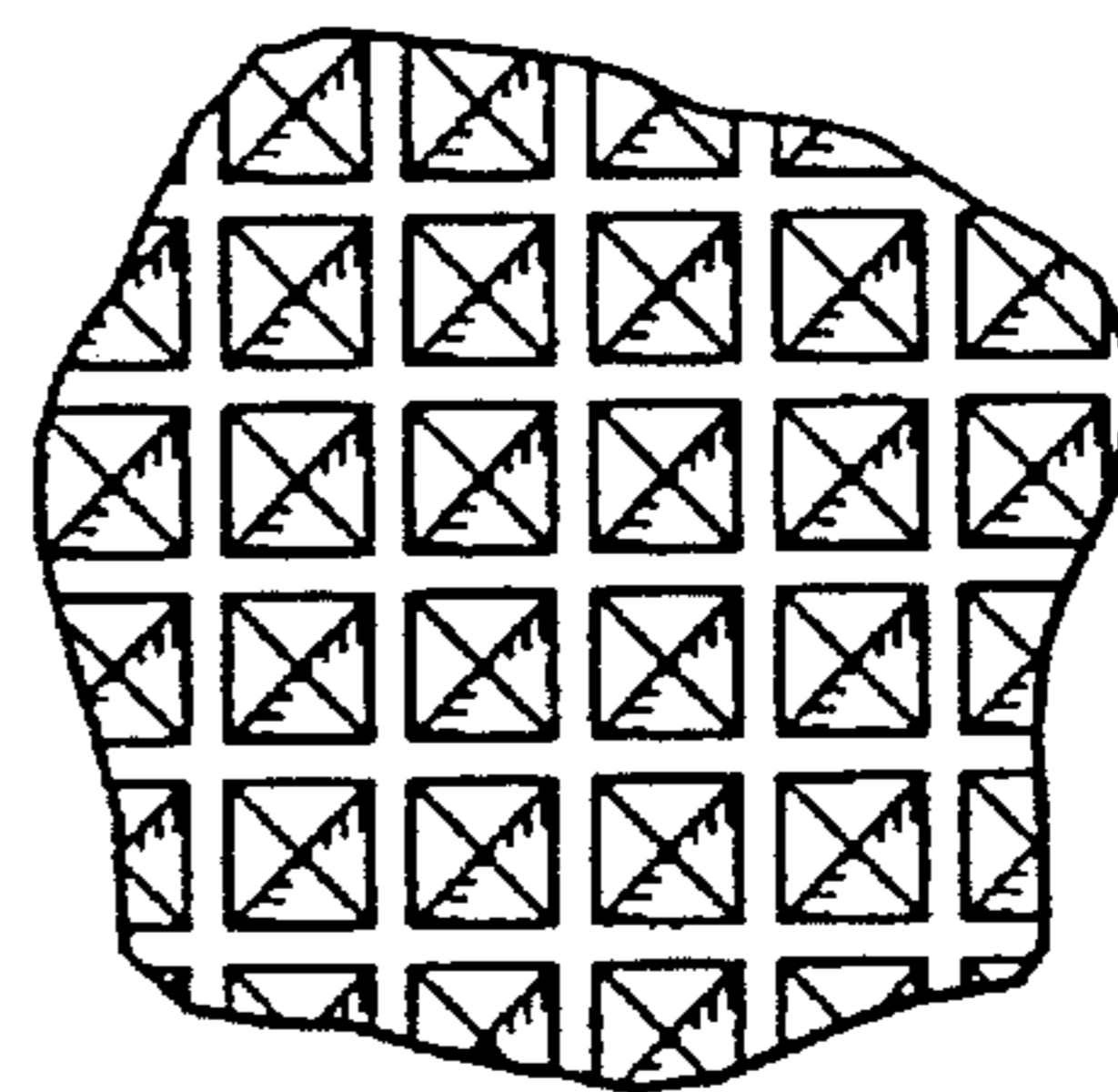
**Fig. 14**



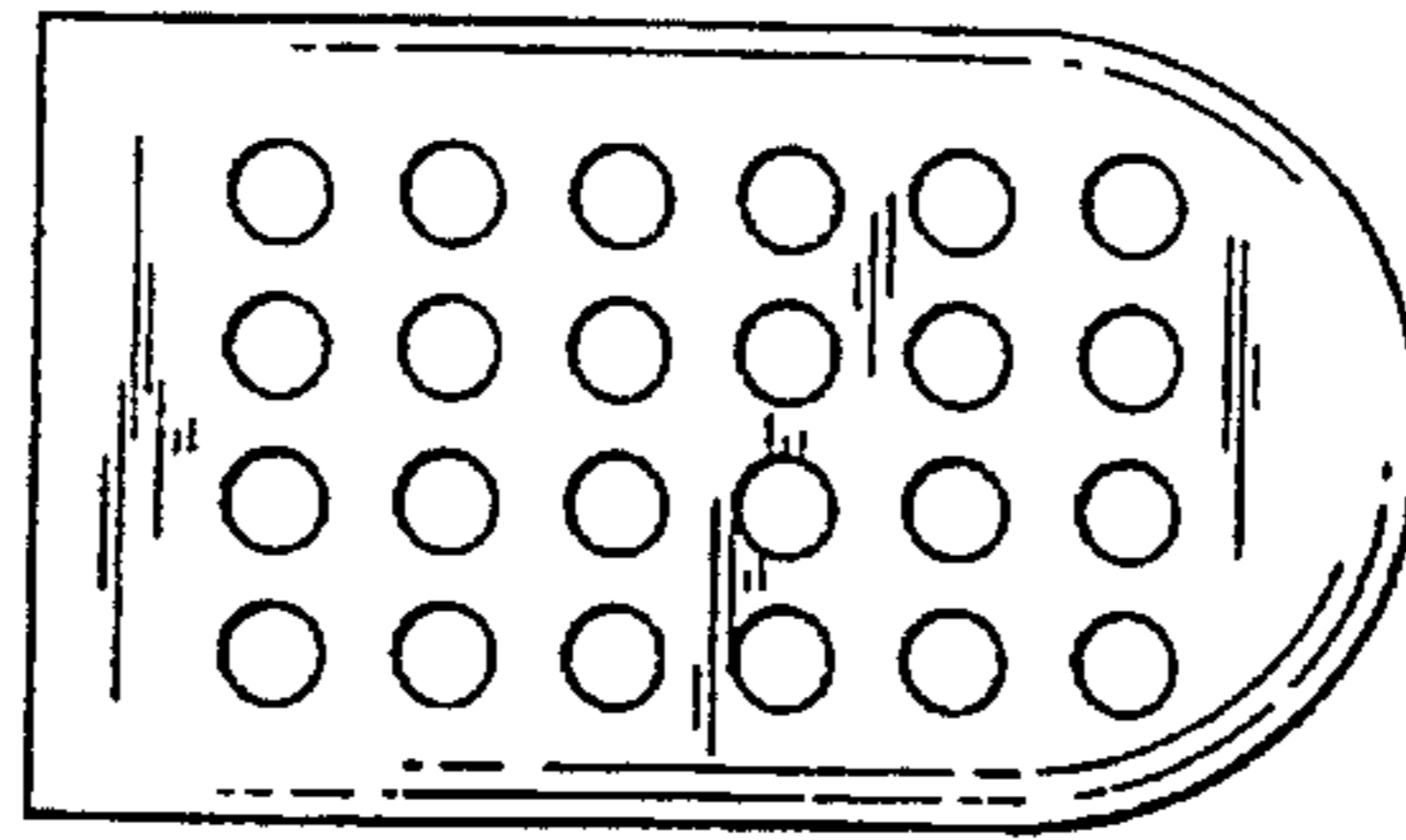
**Fig. 18**



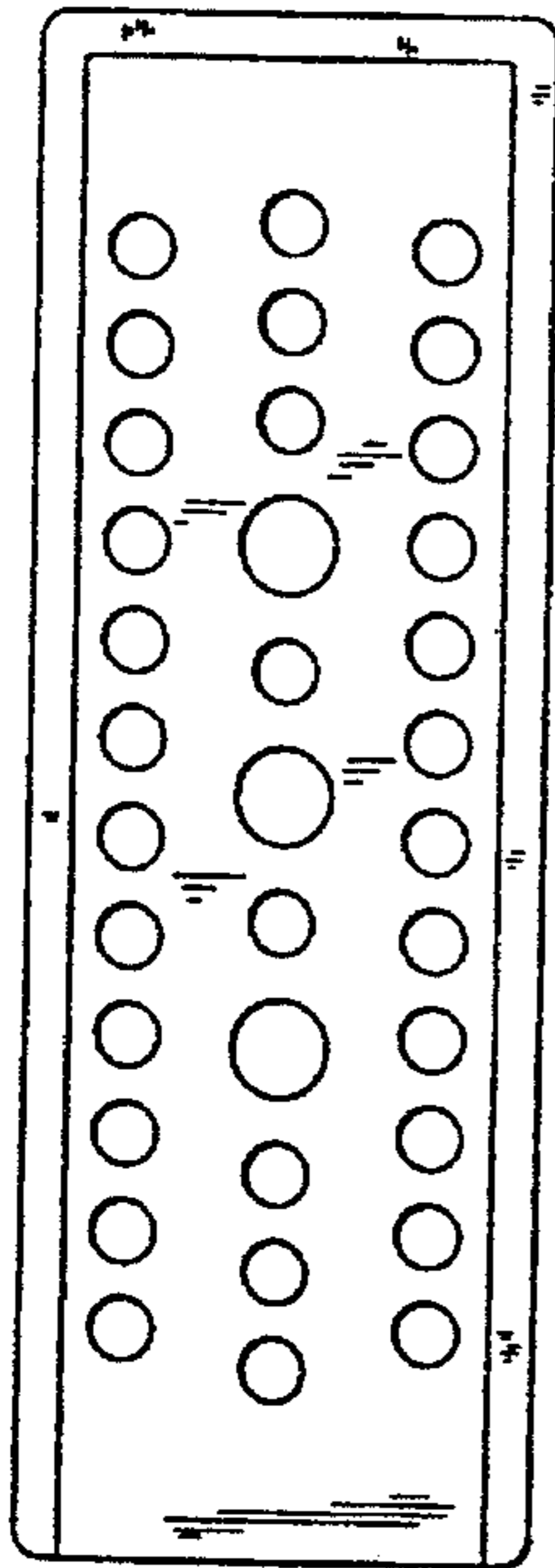
**Fig. 16**



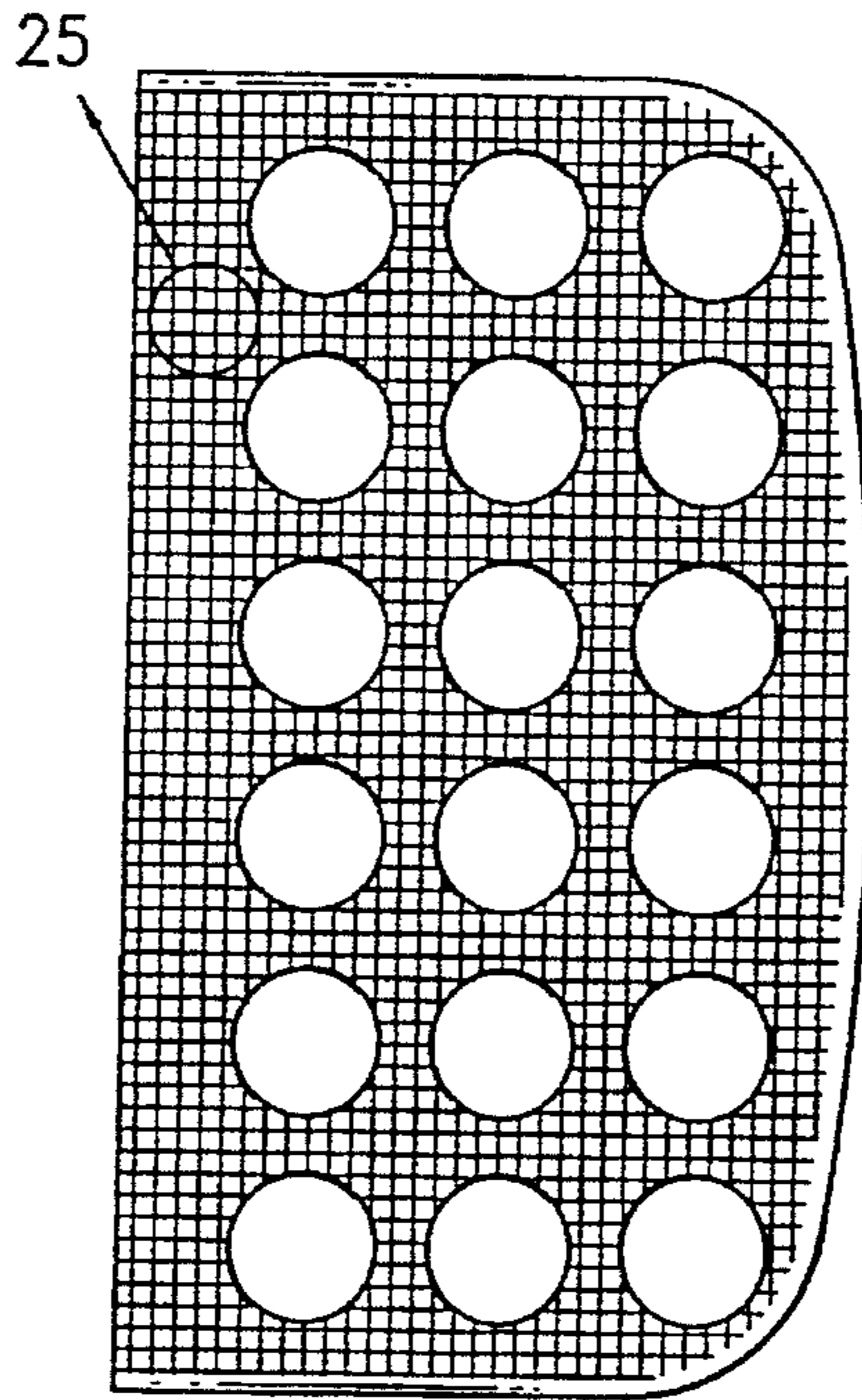
**Fig. 19**



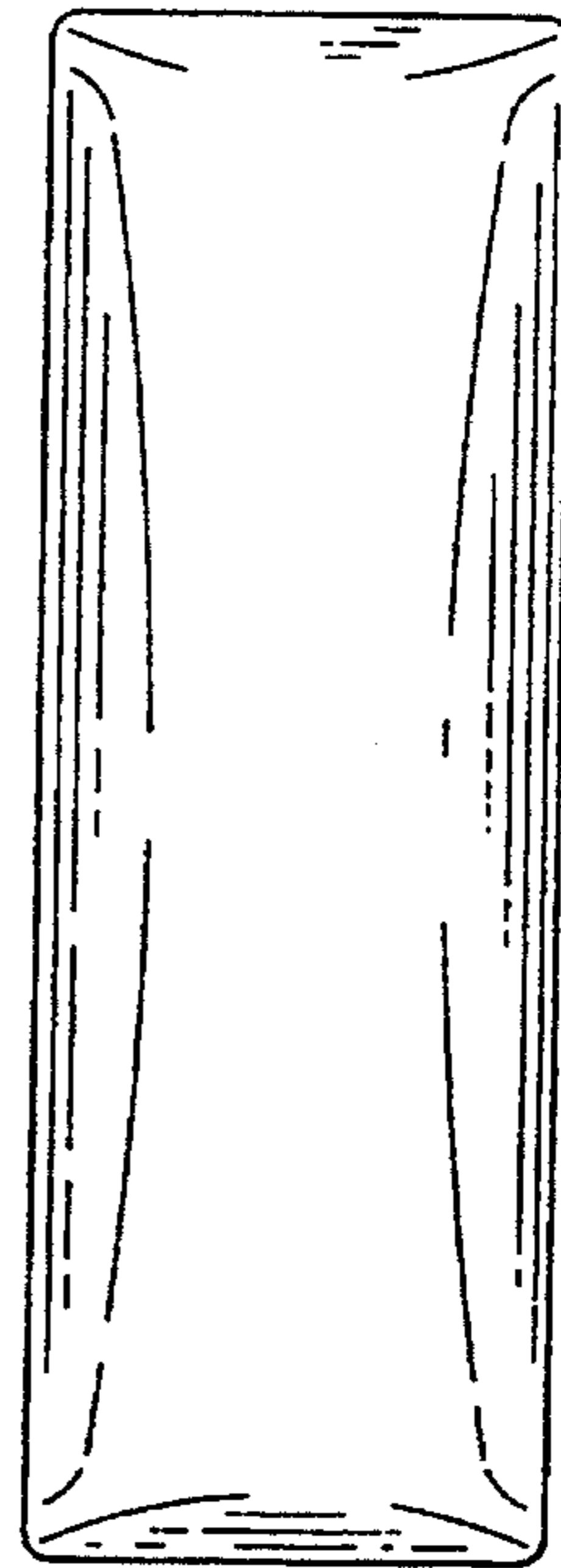
**Fig. 21**



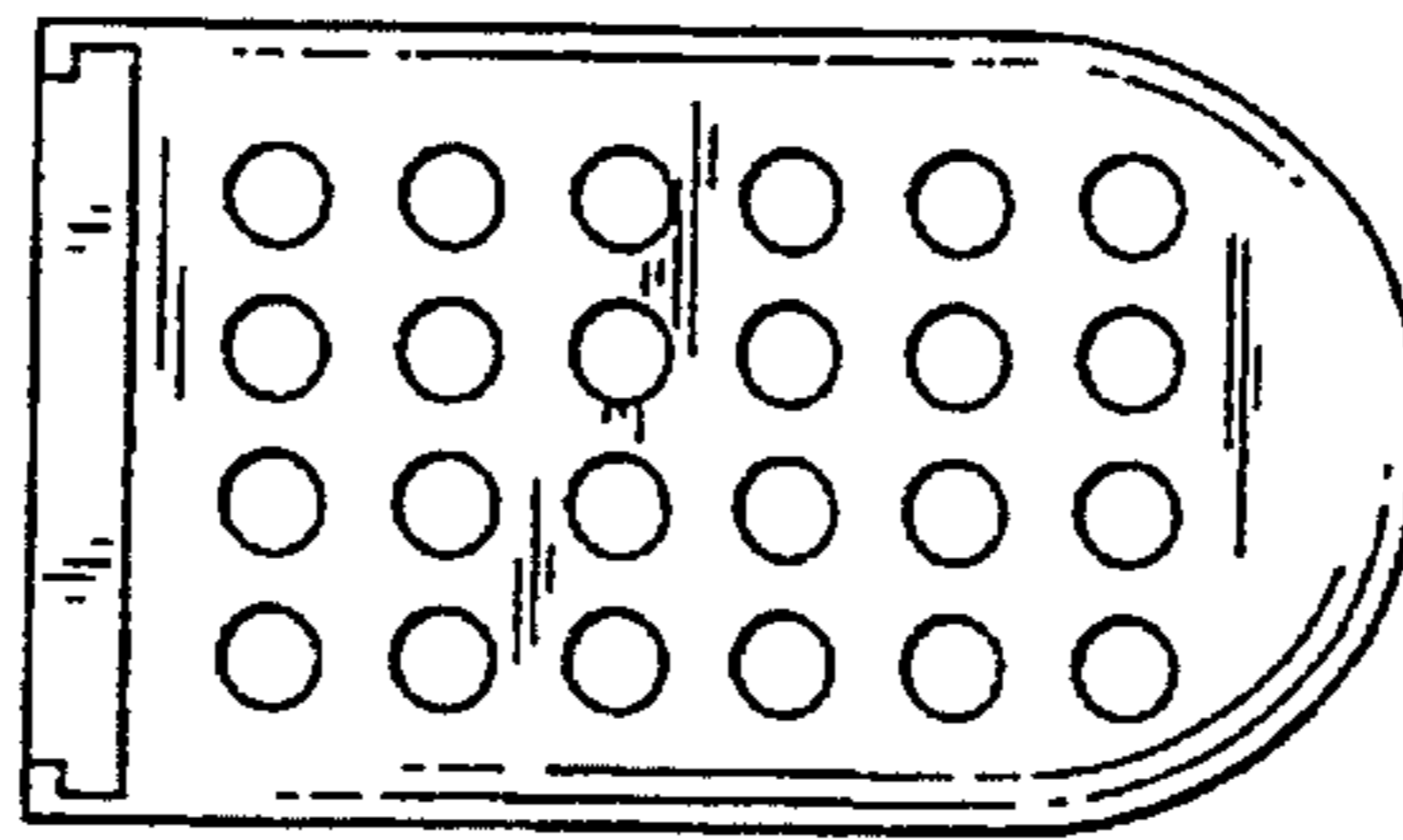
**Fig. 23**



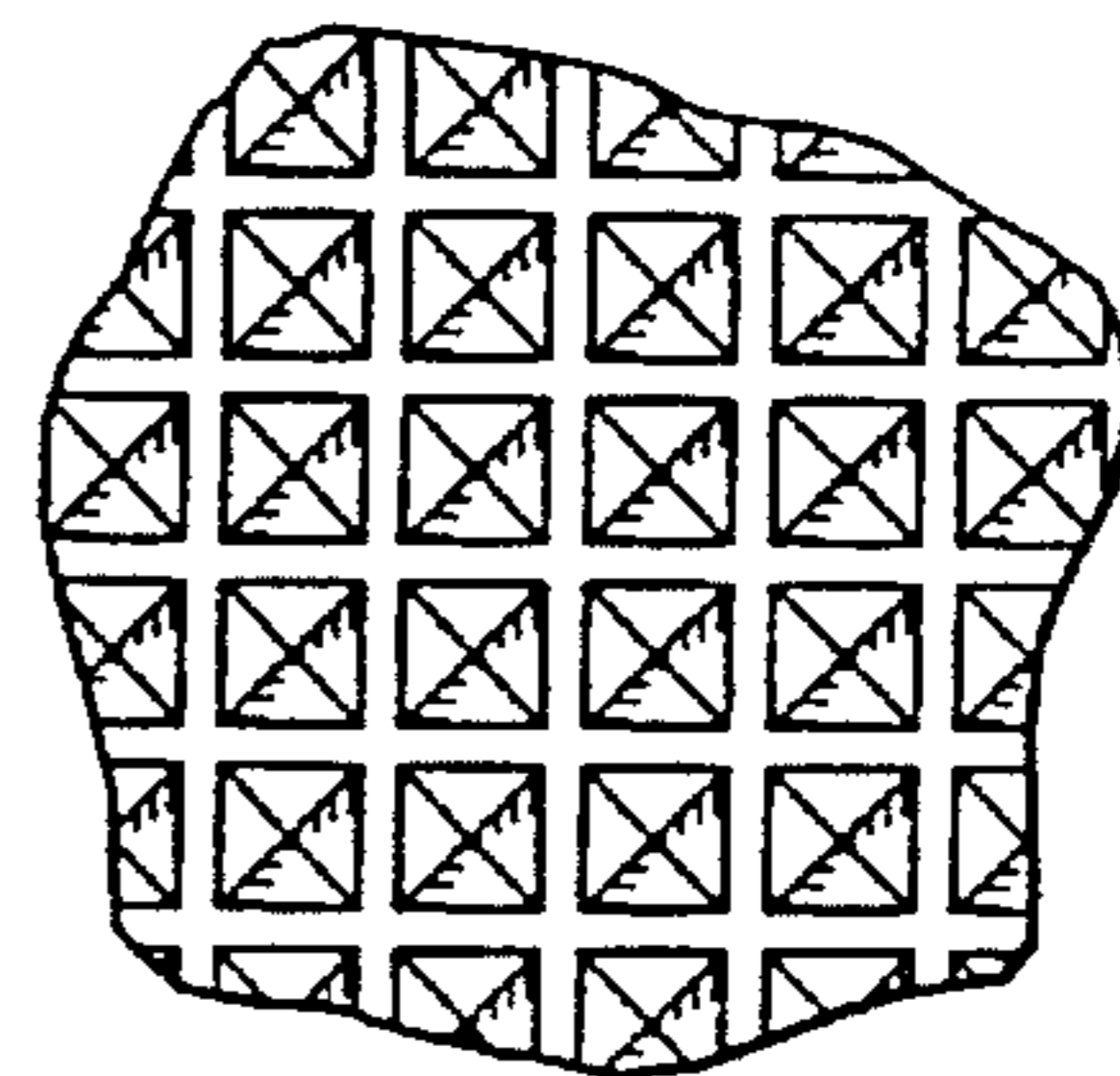
**Fig. 20**



**Fig. 24**



**Fig. 22**



**Fig. 25**