



US00D399512S

# United States Patent [19]

Davis et al.

[11] Patent Number: Des. 399,512

[45] Date of Patent: \*\*Oct. 13, 1998

## [54] TOOLING TO FORM PAIRS OF THREE-SIDED POUCHES

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[73] Assignee: **Winpak Lane, Inc.**, San Bernardino, Calif.

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

[21] Appl. No.: **80,788**

[22] Filed: **Dec. 16, 1997**

[51] LOC (6) Cl. .... **10-04**

[52] U.S. Cl. .... **D15/135**

[58] Field of Search ..... D15/135, 136, D15/137; 53/239, 546, 551, 502, 375.3, 202, 477, 547, 550, 552, 553, 554, 555; 156/498, 515, 218, 251, 466

## [56] References Cited

### U.S. PATENT DOCUMENTS

5,425,216 6/1995 Ausnit ..... 53/551 X

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## [57] CLAIM

The ornamental design for a tooling to form pairs of three-sided pouches, as shown and described.

## DESCRIPTION

FIG. 1 is a front perspective view of a first embodiment of tooling to form pairs of three-sided pouches, illustrating tooling to form two side-by-side pouches;

FIG. 2 is a top plan view of FIG. 1;

FIG. 3 is a front elevational view of FIG. 1;

FIG. 4 is a right end view of FIG. 1; the other end being a mirror image thereof;

FIG. 5 is a bottom plan view of FIG. 1;

FIG. 6 is a rear elevational view of FIG. 1;

FIG. 7 is a front perspective view of a second embodiment of tooling to form pairs of three-sided pouches, illustrating tooling to form four side-by-side pouches;

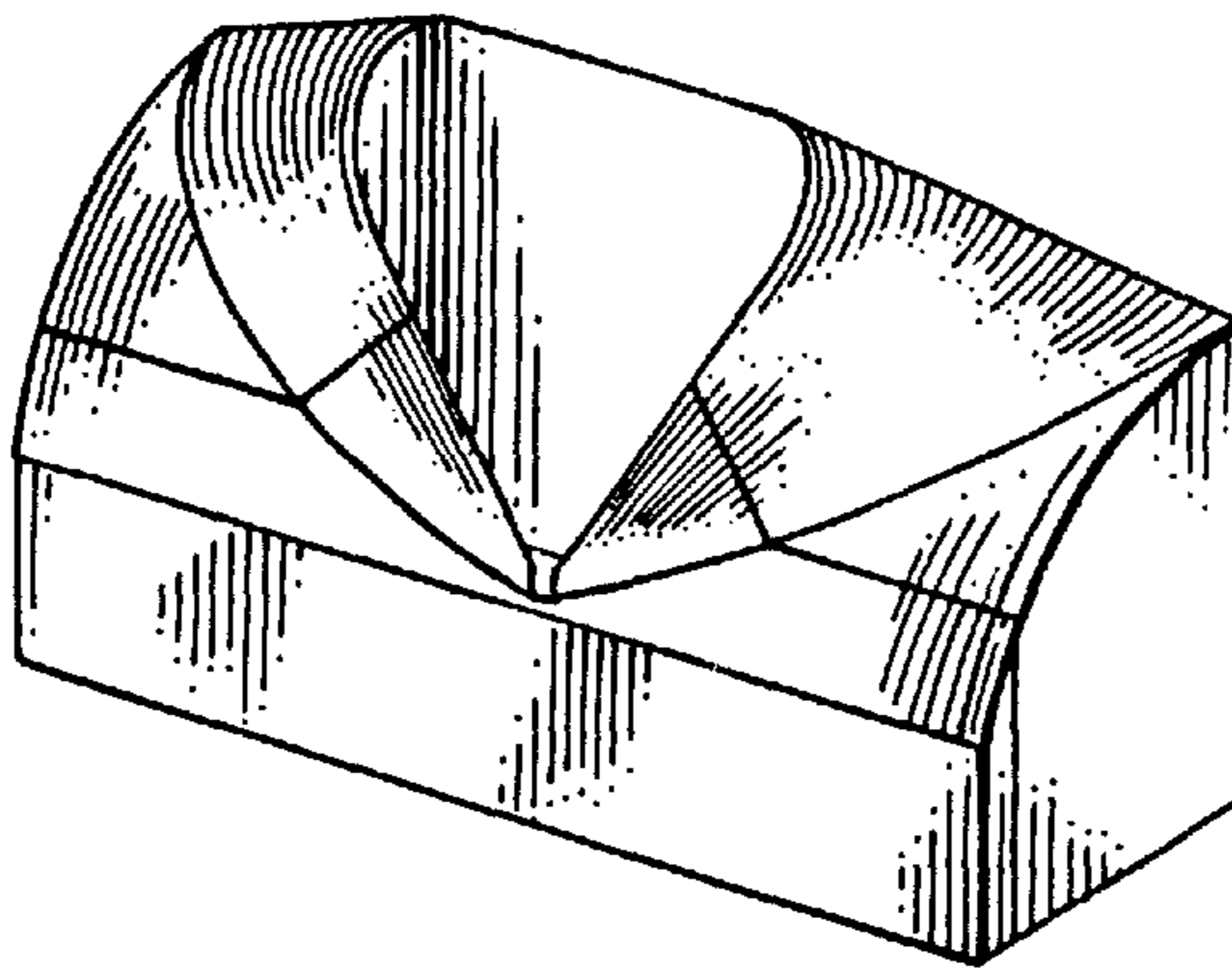
FIG. 8 is a front perspective view of a third embodiment of tooling to form pairs of three-sided pouches, illustrating tooling to form 12 side-by-side pouches;

FIG. 9 is a front perspective view of a fourth embodiment of tooling to form pairs of three-sided pouches, illustrating tooling to form eight side-by-side pouches;

FIG. 10 is a top plan view of a further embodiment of the tooling shown in FIG. 1, having a modified exit opening; and,

FIG. 11 is a bottom plan view of FIG. 10.

1 Claim, 2 Drawing Sheets



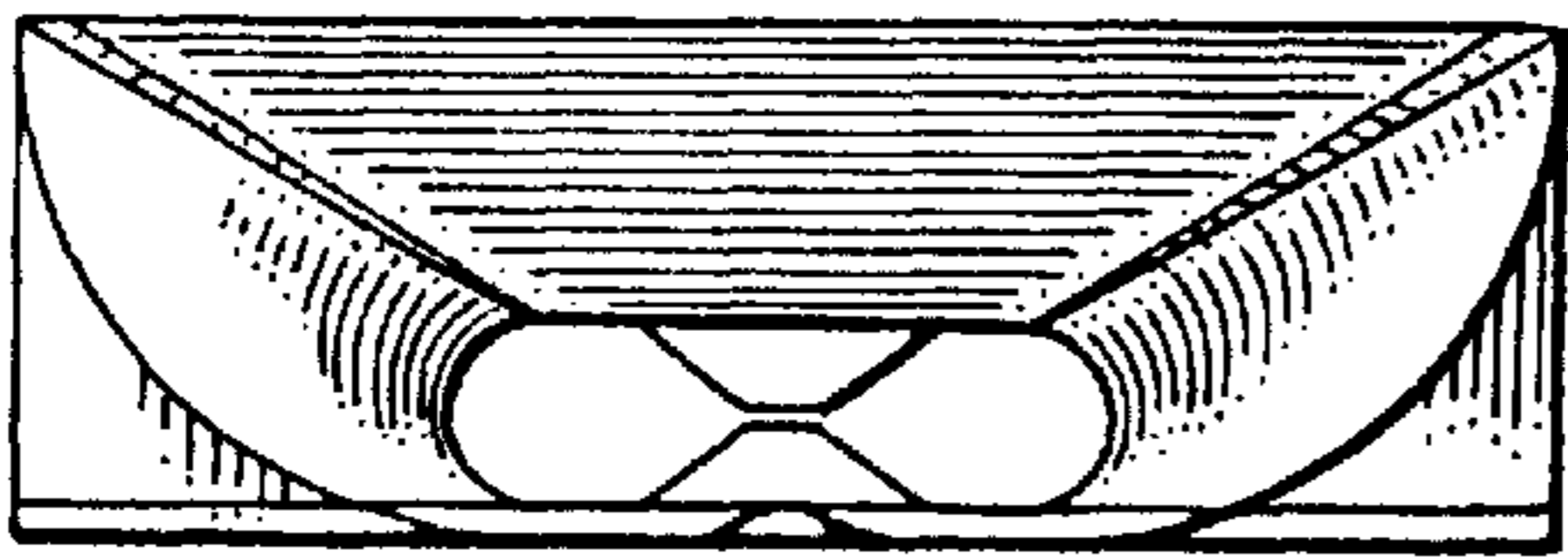


FIG. 2

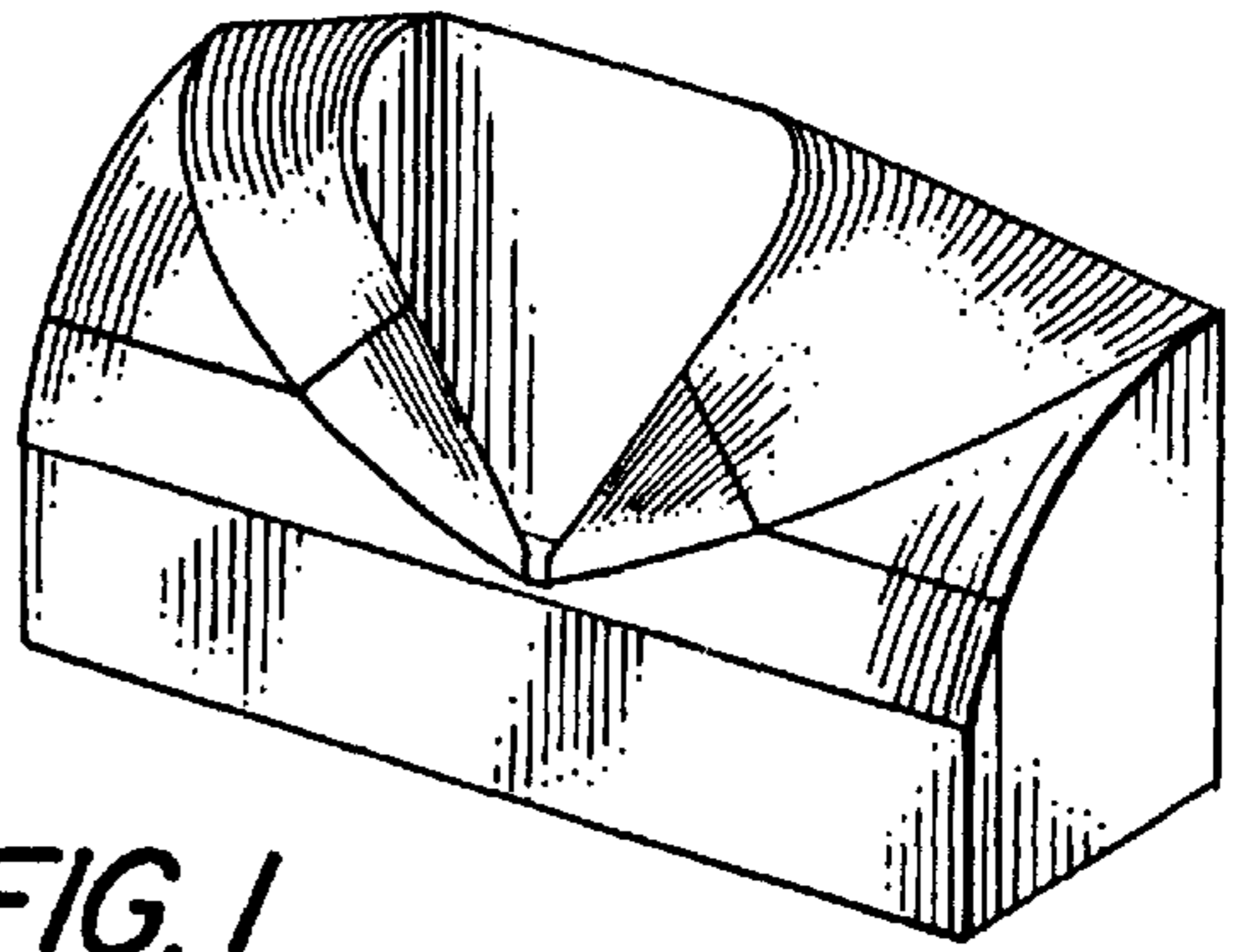


FIG. 1

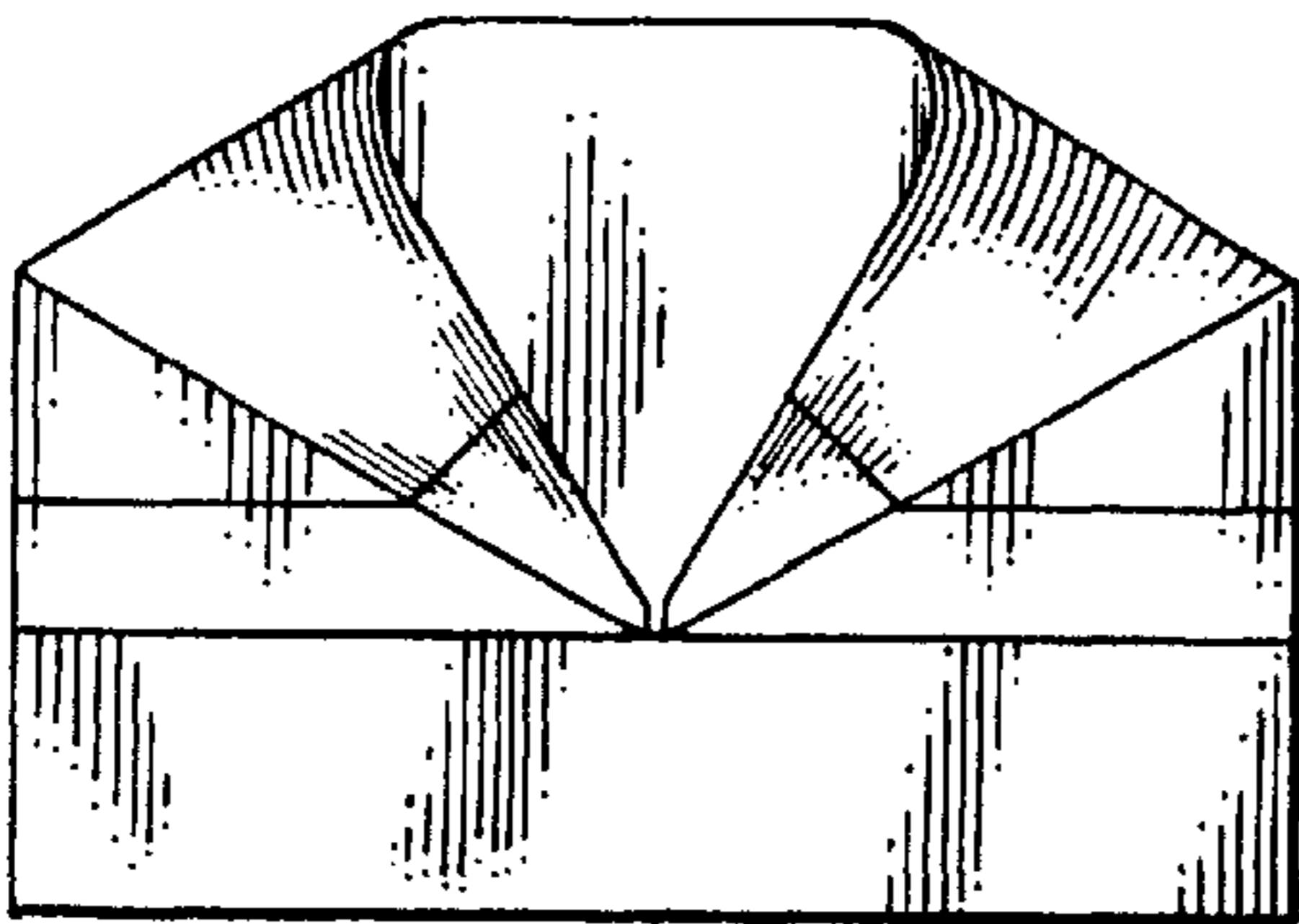


FIG. 3

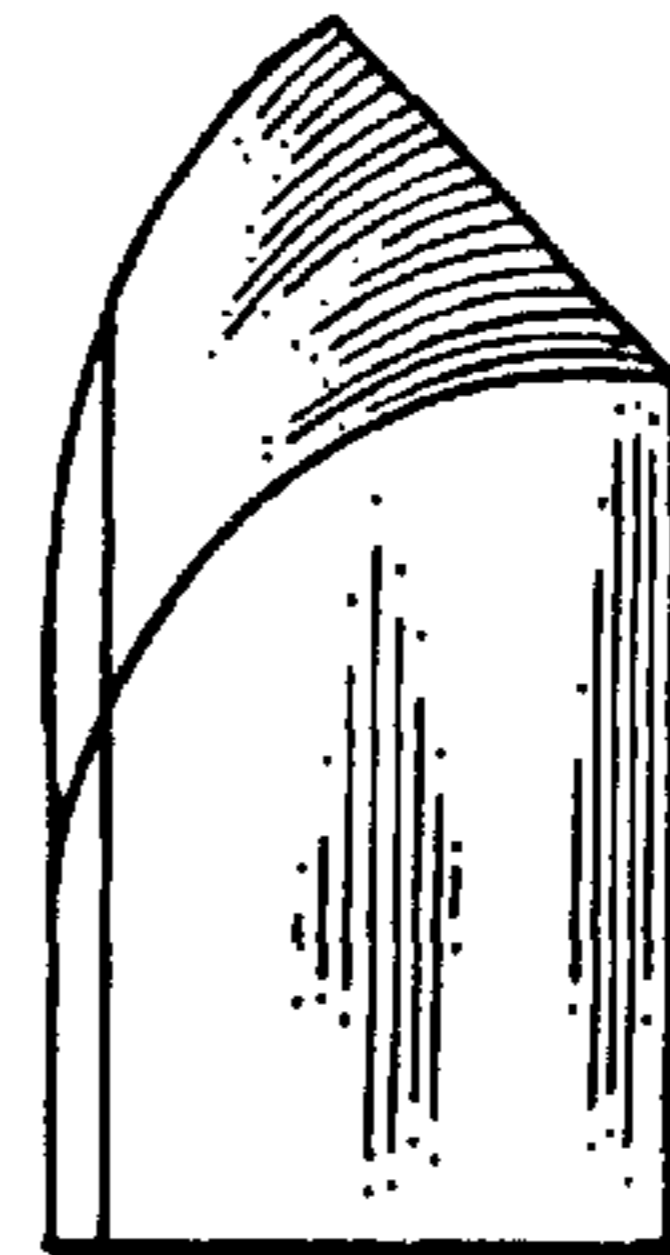


FIG. 4

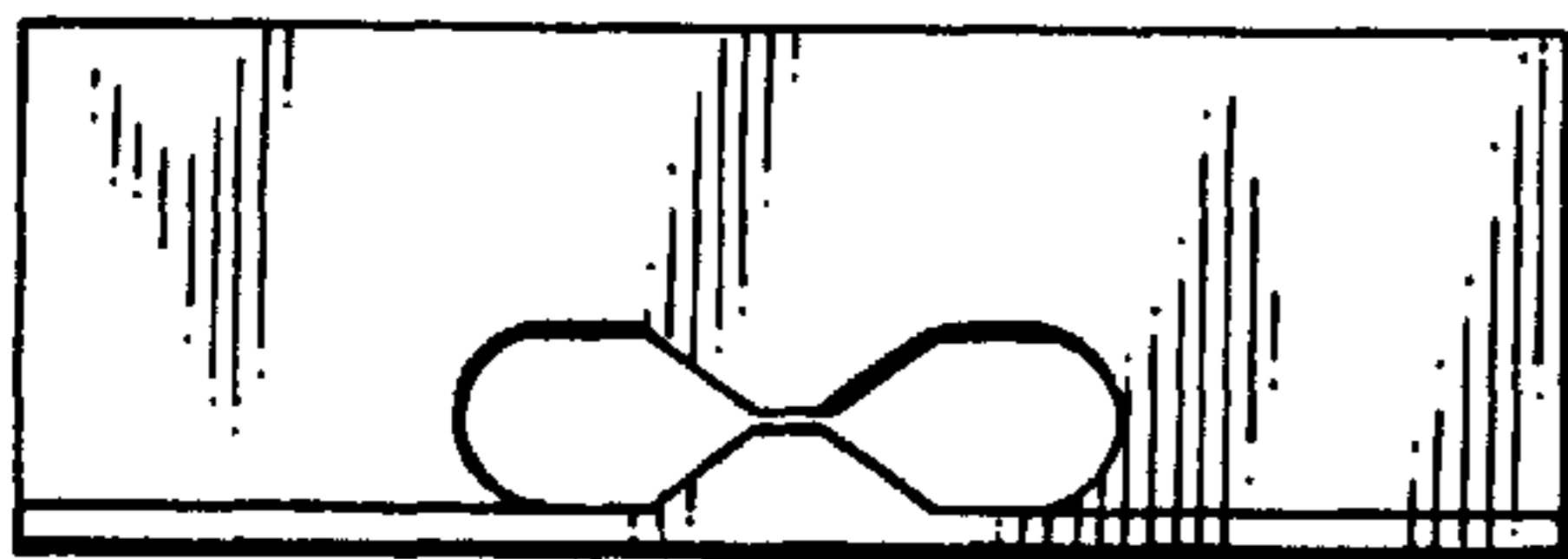


FIG. 5

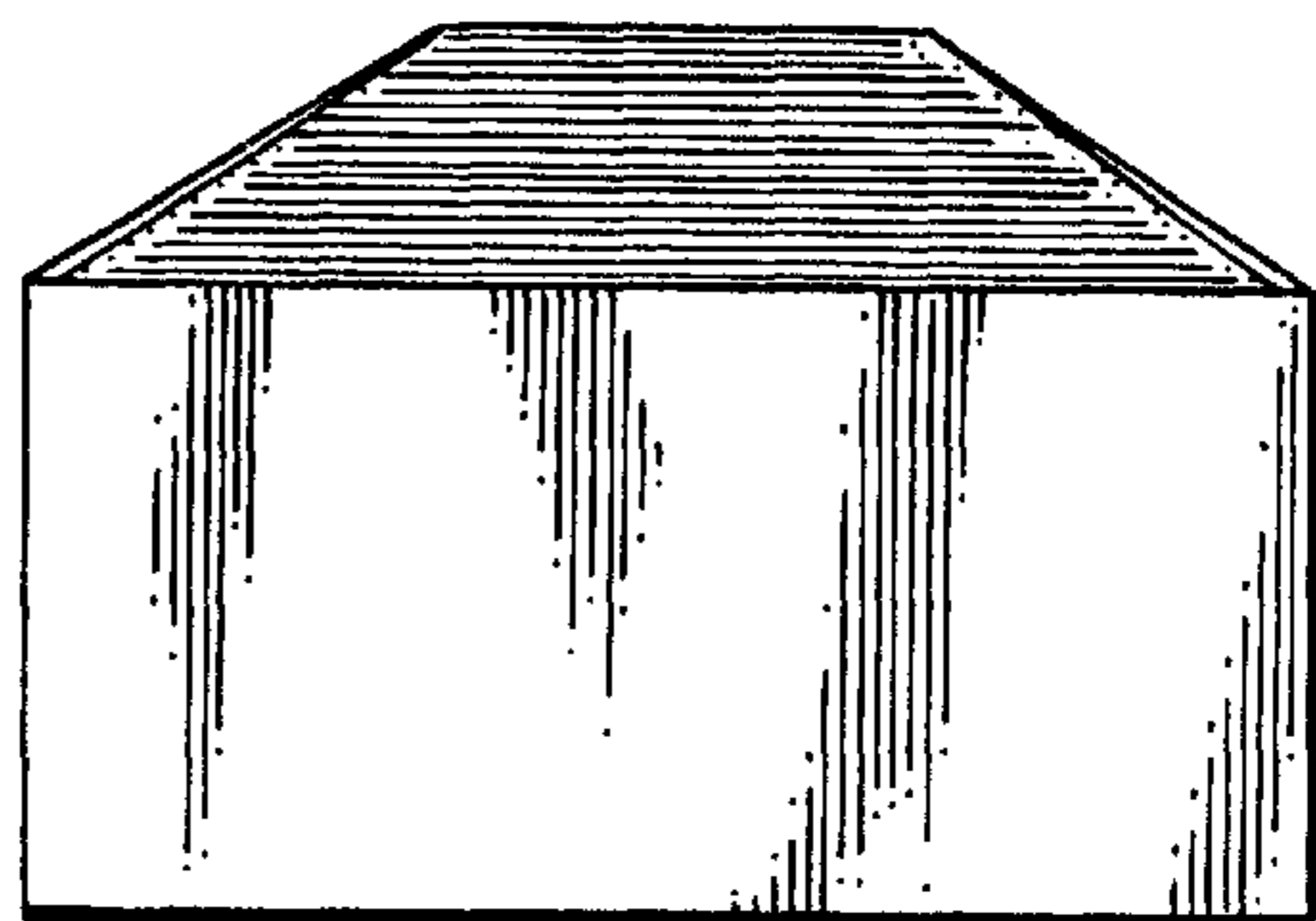


FIG. 6

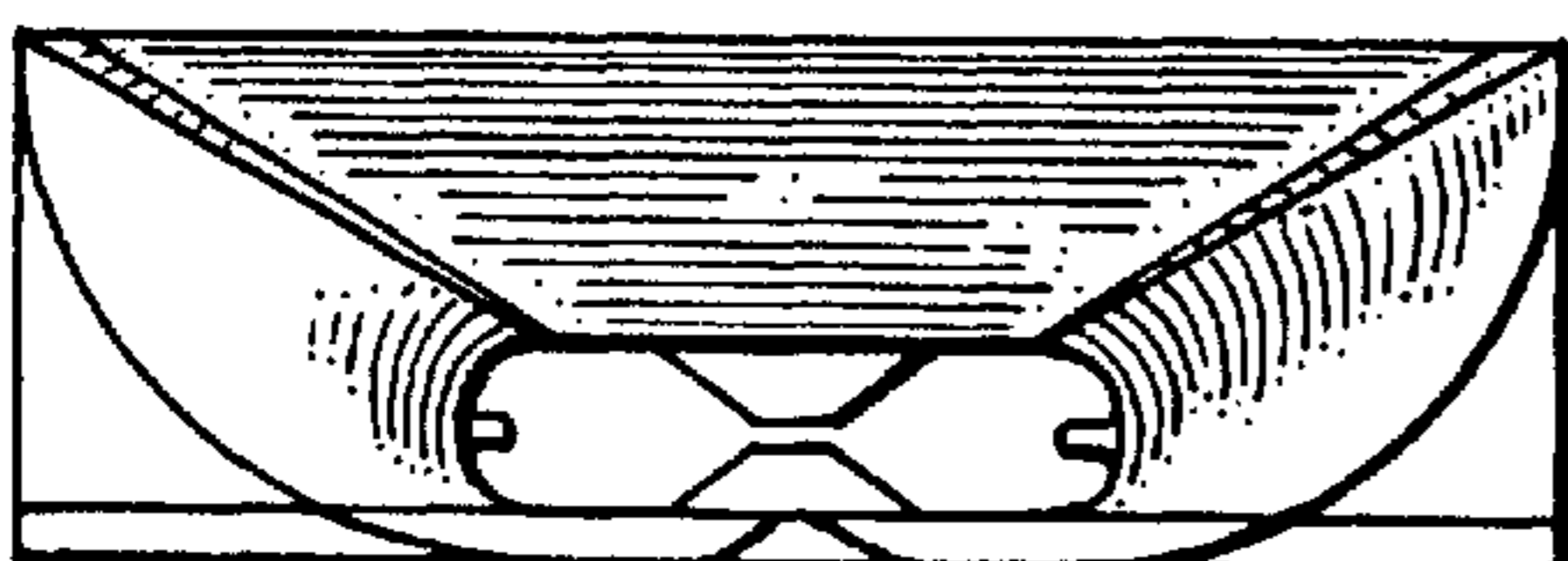


FIG. 10

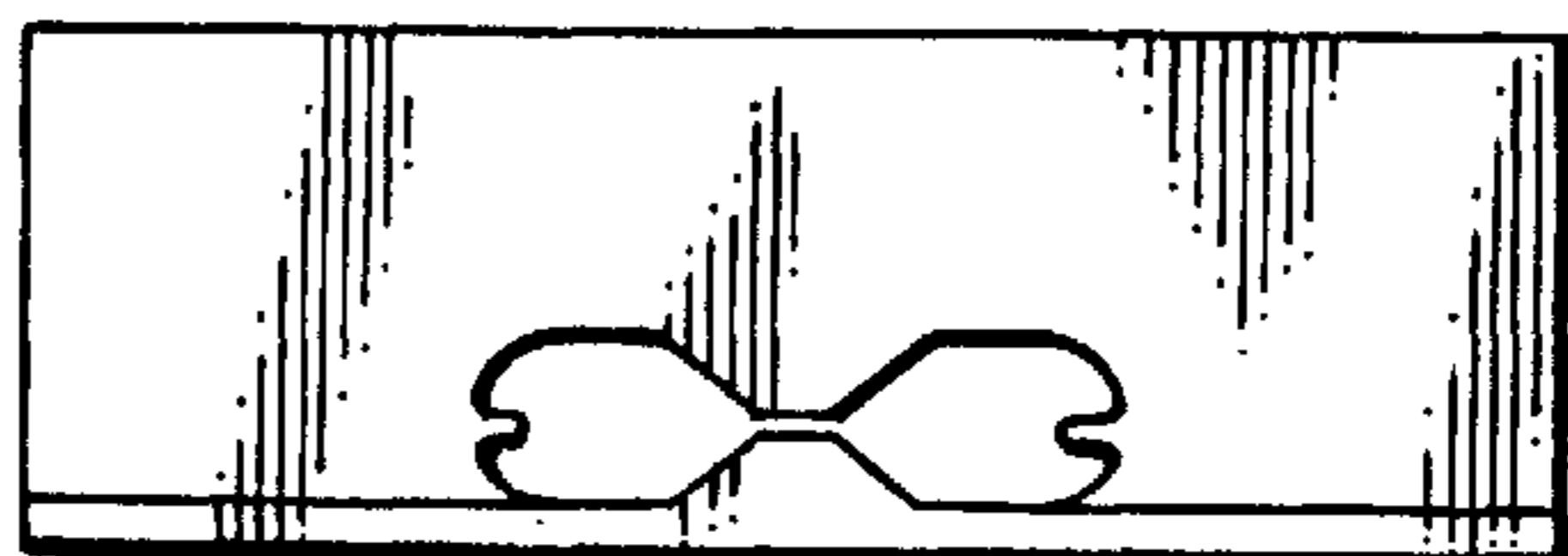


FIG. 11

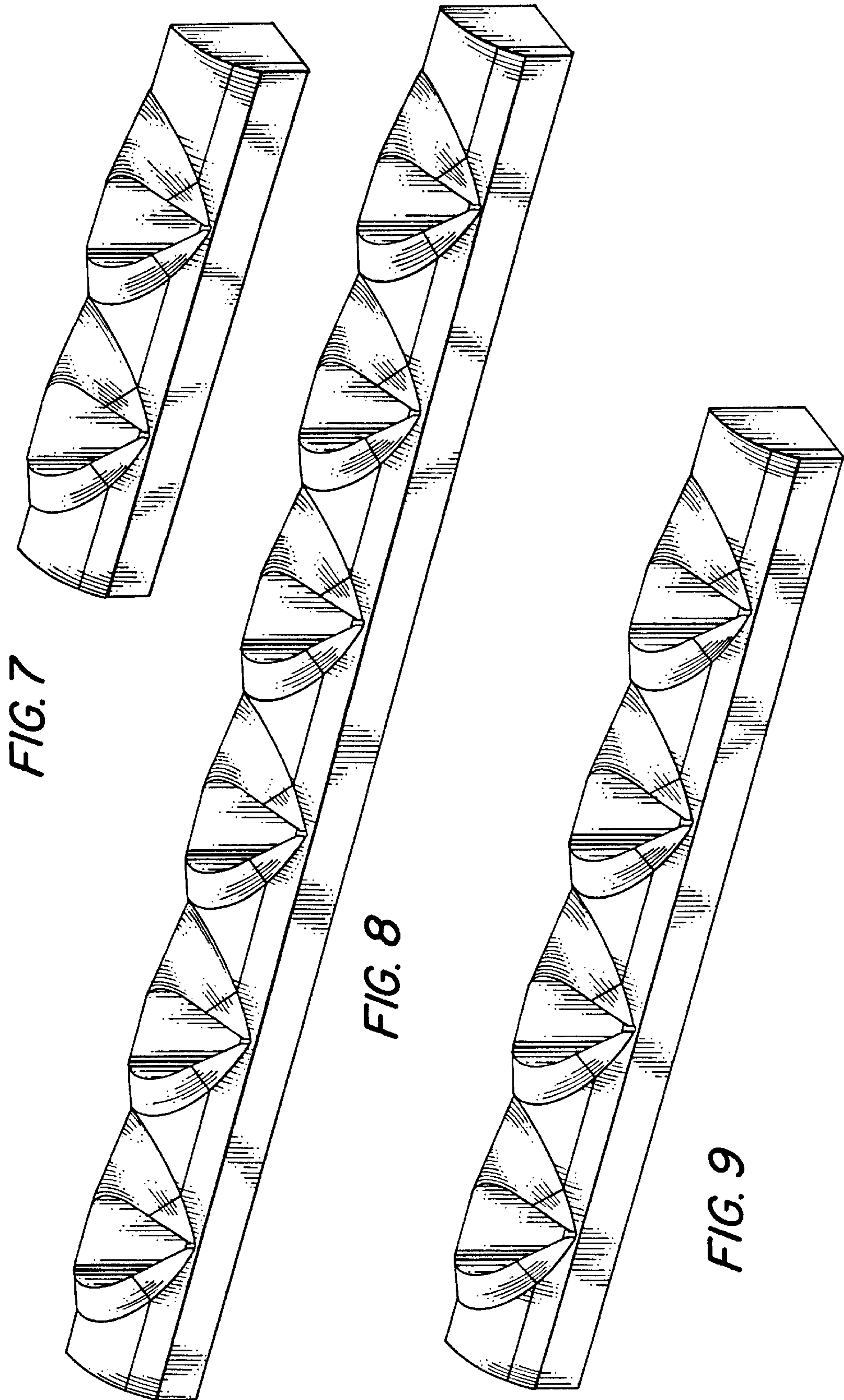


FIG. 7

FIG. 8

FIG. 9