



US00D566059S

(12) **United States Design Patent**
Tanaka

(10) **Patent No.:** **US D566,059 S**

(45) **Date of Patent:** **** Apr. 8, 2008**

(54) **LIGHT EMITTING DIODE MODULE**

(57) **CLAIM**

(75) Inventor: **Yasushi Tanaka**, Kyoto (JP)

I claim the ornamental design for a light emitting diode module, as shown and described.

(73) Assignee: **Rohm Co., Ltd.**, Kyoto (JP)

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

DESCRIPTION

(21) Appl. No.: **29/289,018**

FIG. 1 is a top plan view of a light emitting diode module according to a first embodiment of my new design;

(22) Filed: **Jun. 29, 2007**

FIG. 2 is a front view of the light emitting diode module;

(30) **Foreign Application Priority Data**

FIG. 3 is a bottom view of the light emitting diode module;

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FIG. 4 is a rear view of the light emitting diode module;

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FIG. 5 is a left side view of the light emitting diode module;

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

FIG. 6 is a right side view of the light emitting diode module;

(52) **U.S. Cl.** **D13/180**

FIG. 7 is a sectional view of the light emitting diode module taken along lines 7—7 in FIG. 1;

(58) **Field of Classification Search** D13/180;
D26/2; 257/79, 80, 81, 88, 89, 95, 98, 99,
257/100; 313/483, 498, 500; 362/555, 800
See application file for complete search history.

FIG. 8 is a top plan view of a light emitting diode module according to a second embodiment of my new design;

(56) **References Cited**

FIG. 9 is a front view showing the light emitting diode module of the second embodiment;

U.S. PATENT DOCUMENTS

FIG. 10 is a bottom view showing the light emitting diode module of the second embodiment;

5,623,181 A * 4/1997 Suehiro et al. 313/512

FIG. 11 is a rear view showing the light emitting diode module of the second embodiment;

6,340,824 B1 * 1/2002 Komoto et al. 257/99

FIG. 12 is a left side view showing the light emitting diode module of the second embodiment;

6,707,069 B2 * 3/2004 Song et al. 257/79

FIG. 13 is a right side view showing the light emitting diode module of the second embodiment; and,

6,876,149 B2 * 4/2005 Miyashita 313/512

FIG. 14 is a sectional view of the light emitting diode module taken along lines 14—14 in FIG. 8.

D505,661 S * 5/2005 Suenaga D13/180

D511,328 S * 11/2005 Wang et al. D13/180

D517,027 S * 3/2006 Suenaga D13/180

* cited by examiner

Primary Examiner—Selina Sikder

1 Claim, 4 Drawing Sheets

(74) *Attorney, Agent, or Firm*—Hamre, Schumann, Mueller & Larson, P.C.

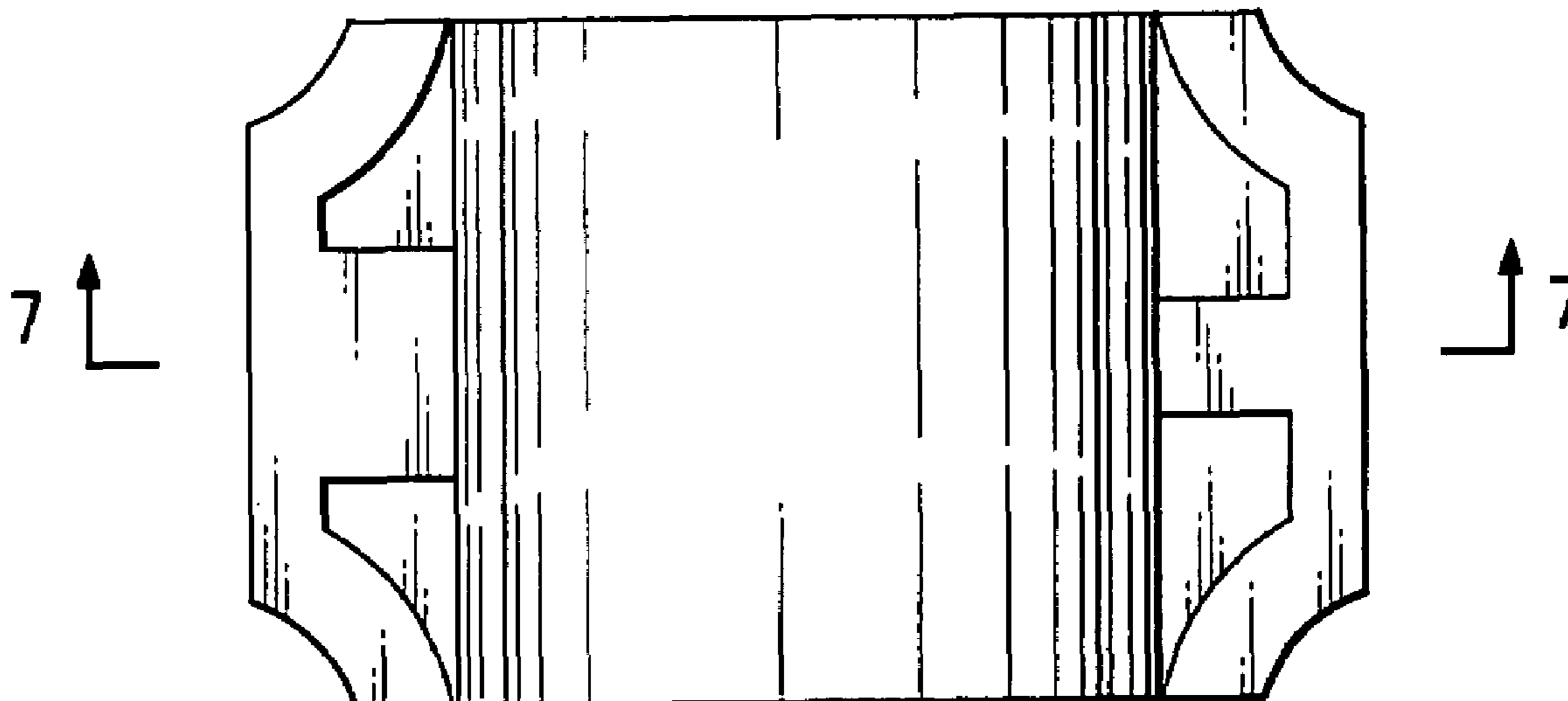


FIG.1

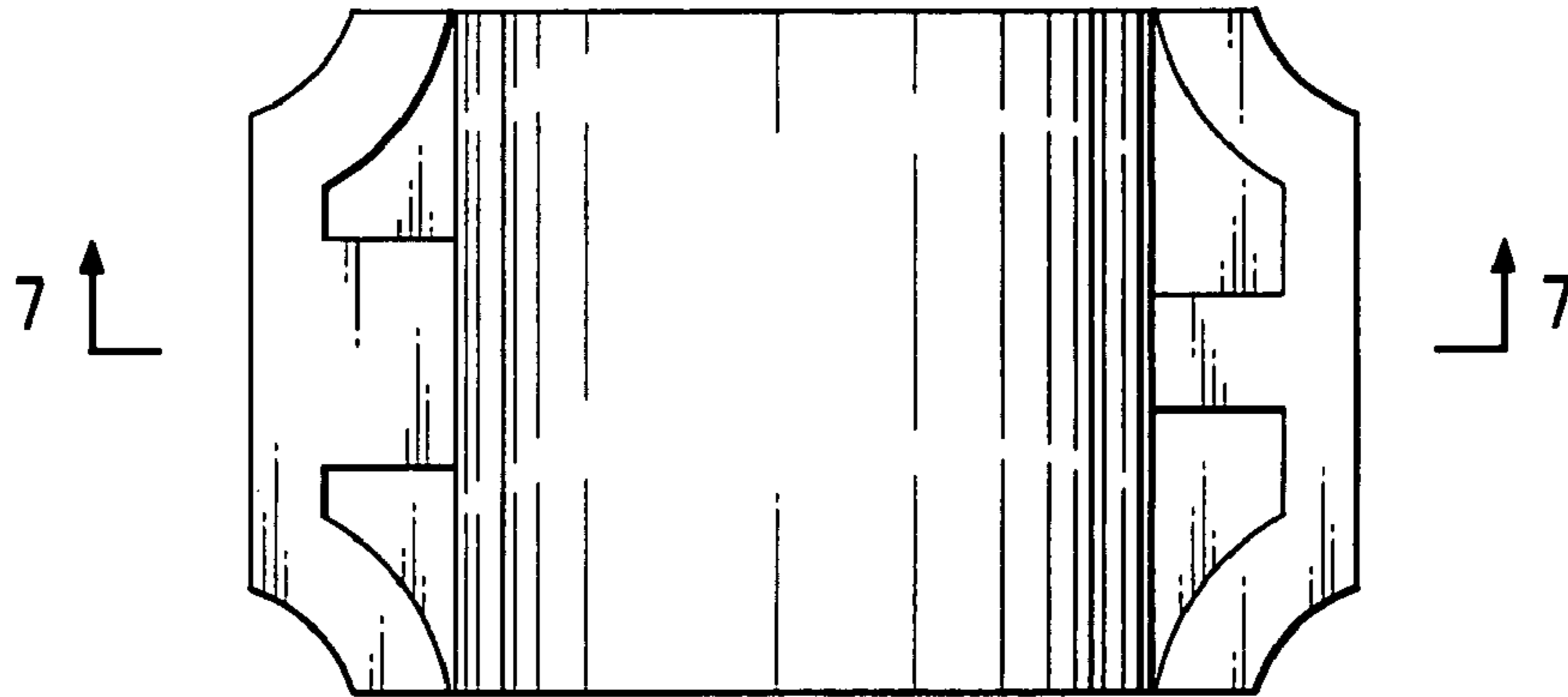


FIG.2

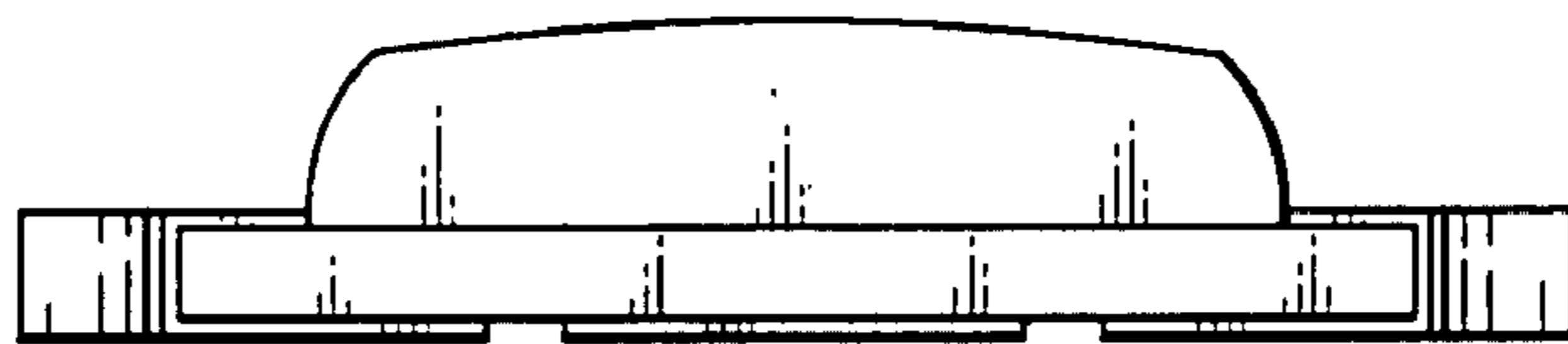


FIG.3

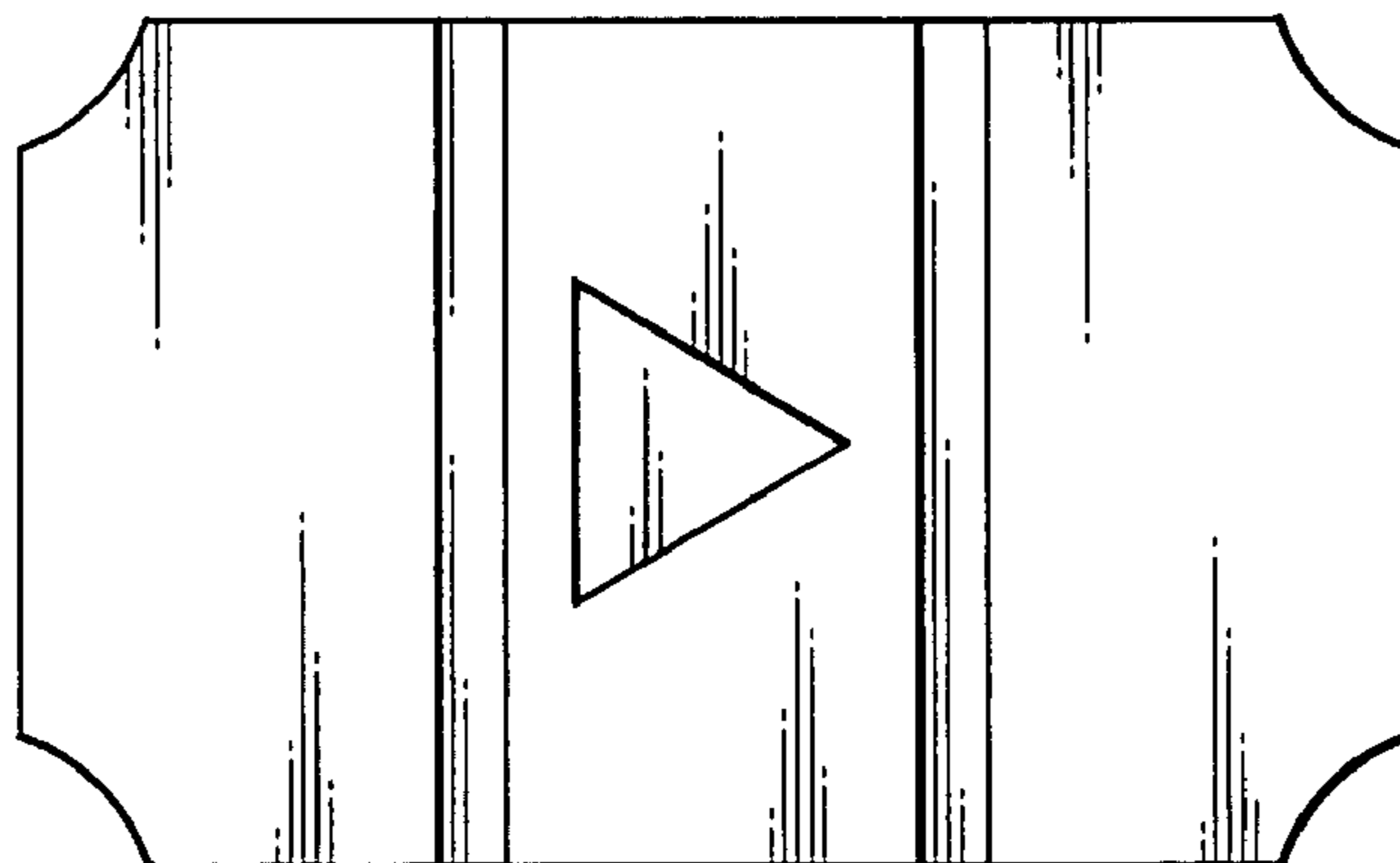


FIG.4

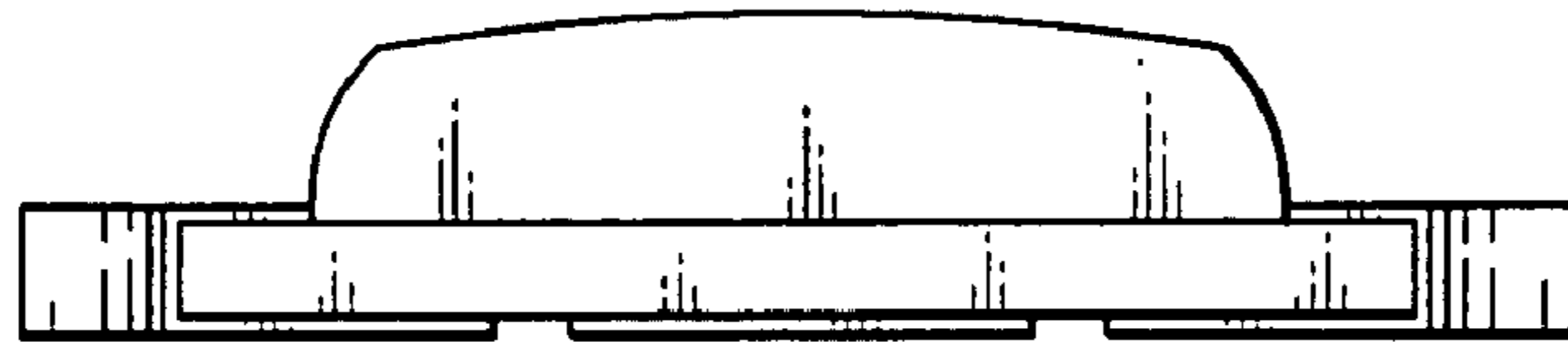


FIG.5

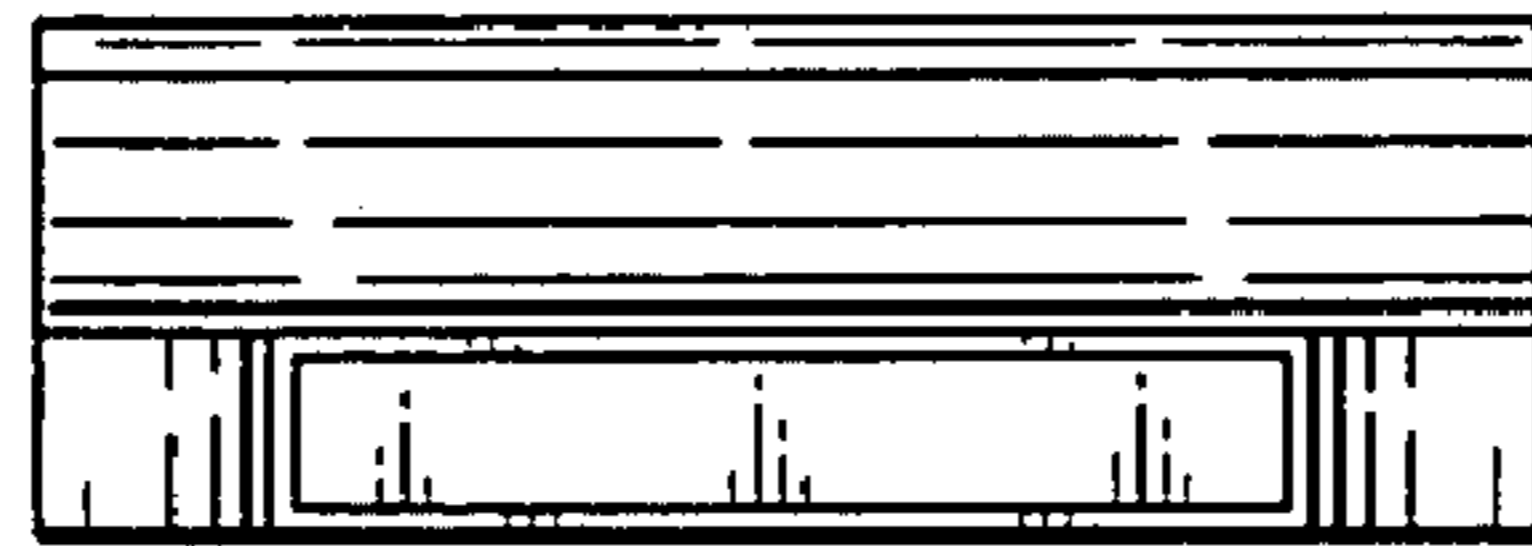


FIG.6

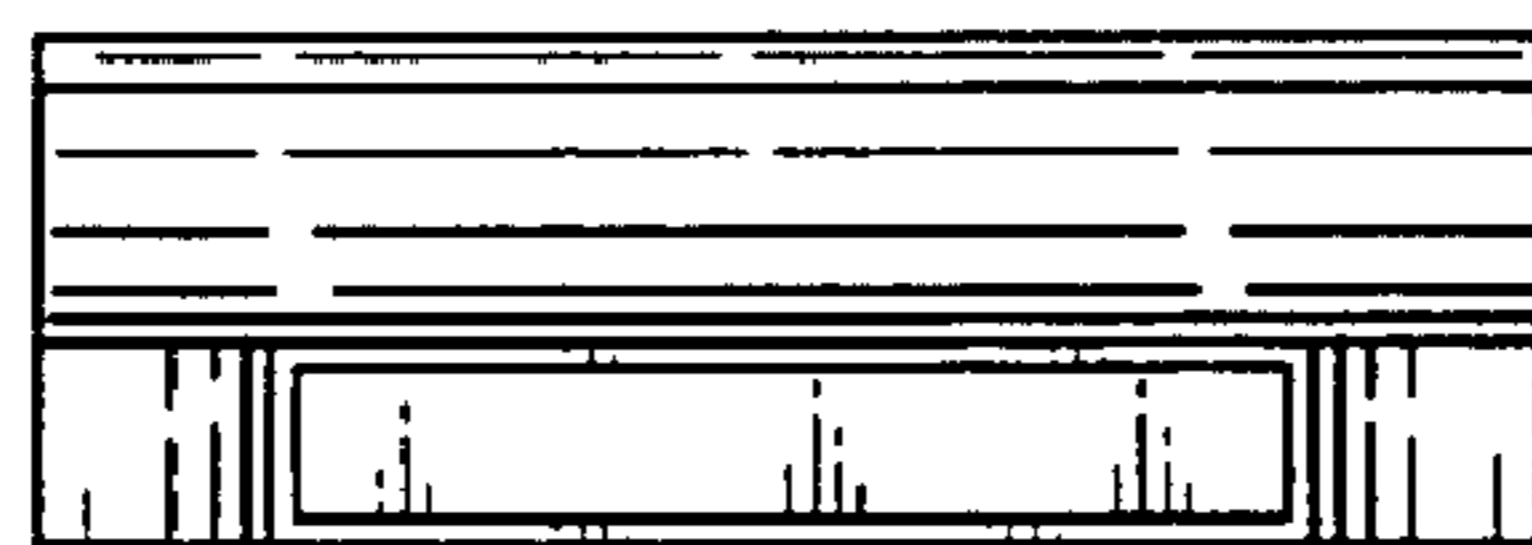


FIG.7

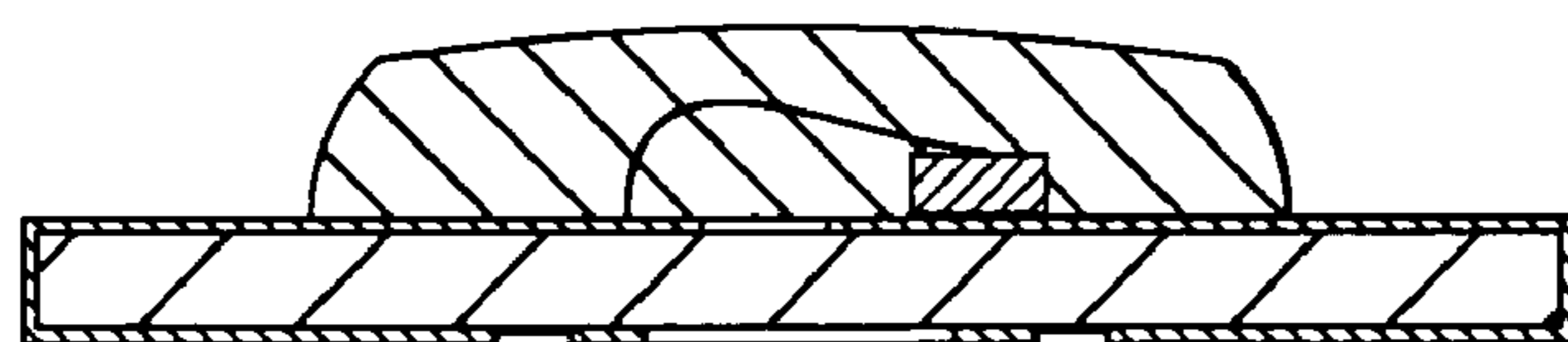


FIG.8

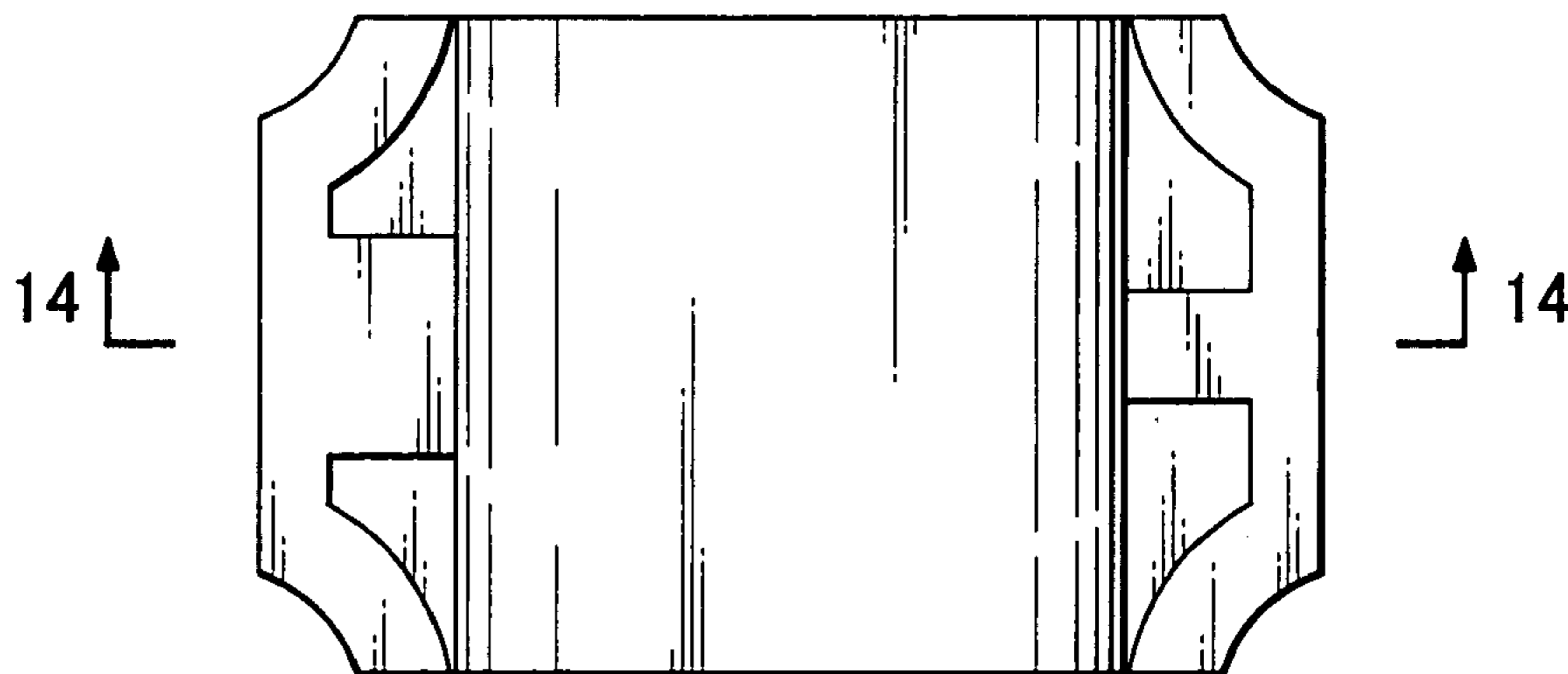


FIG.9

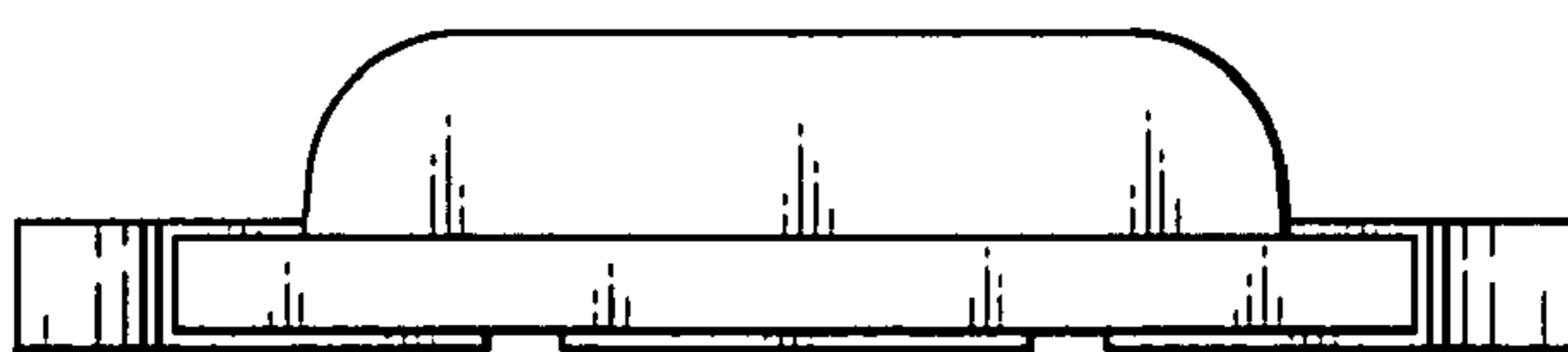


FIG.10

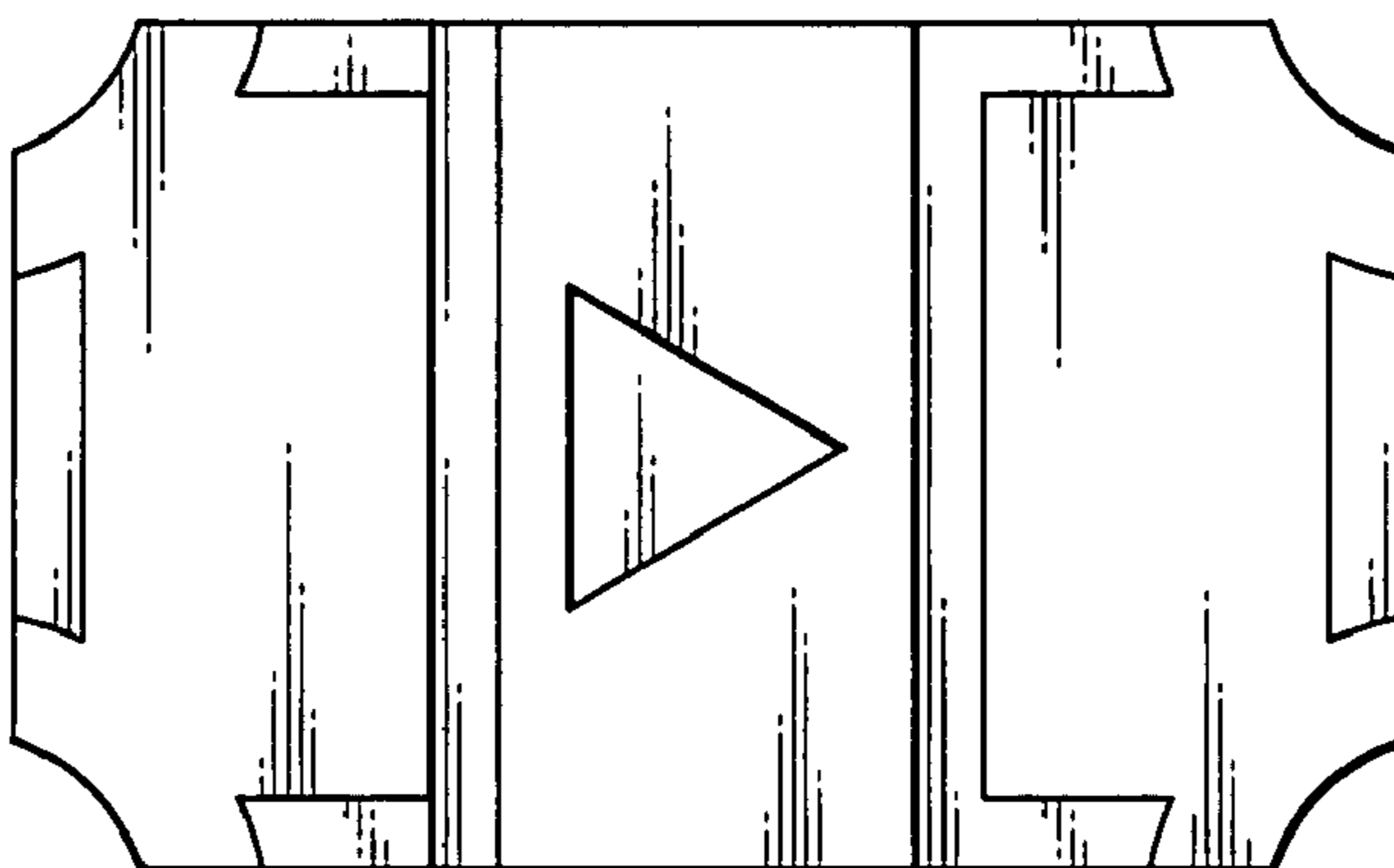


FIG.11

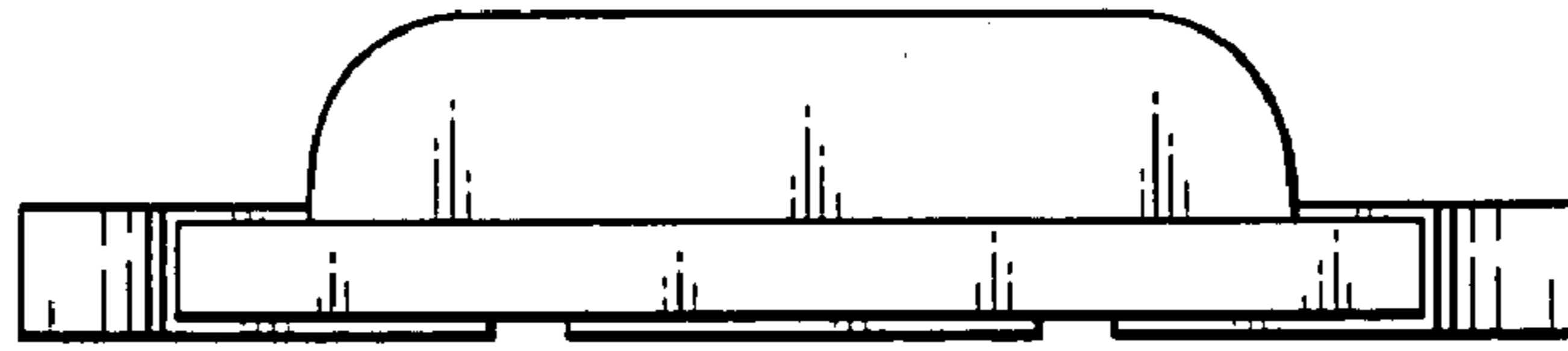


FIG.12

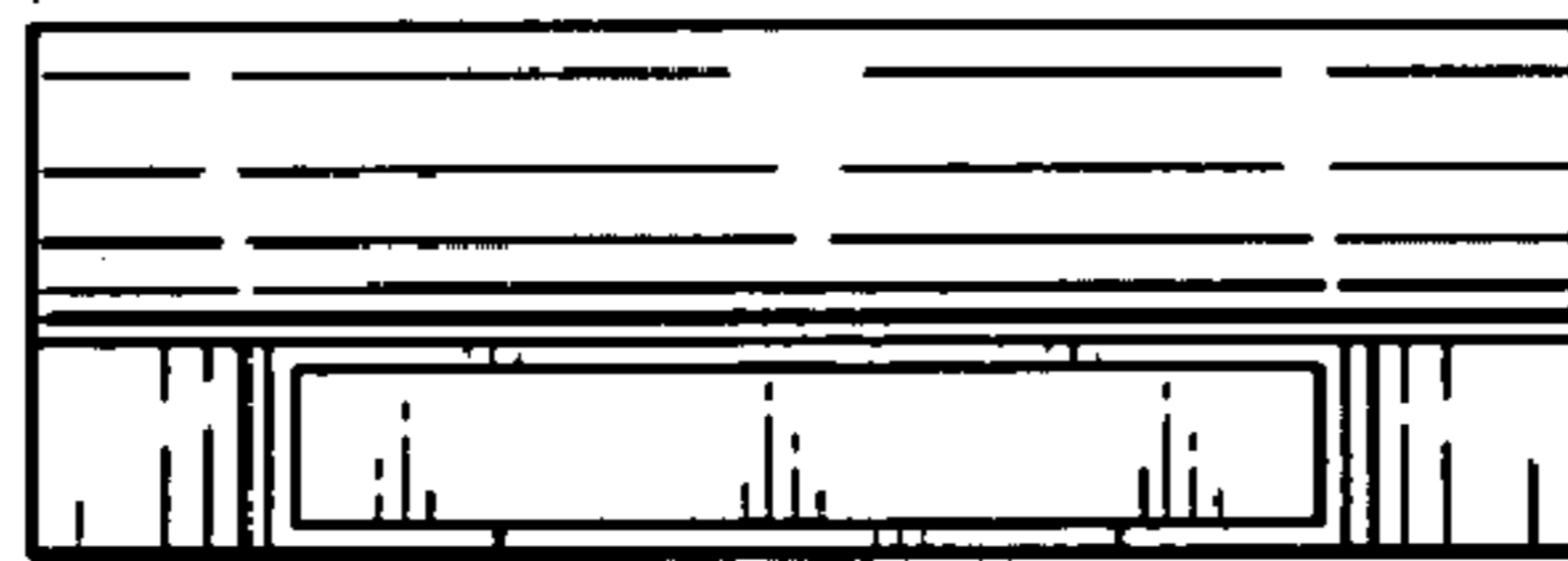


FIG.13

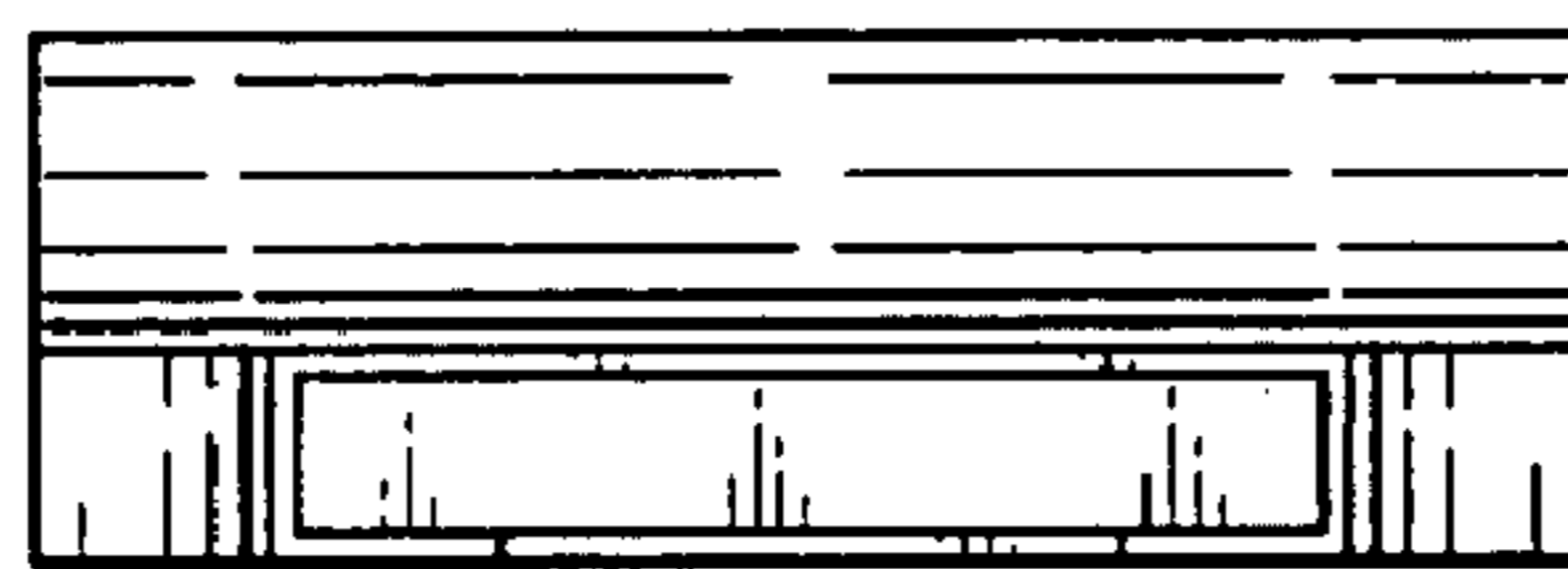


FIG.14

