



US00D914775S

(12) **United States Design Patent** (10) **Patent No.:** **US D914,775 S**
Kato et al. (45) **Date of Patent:** **** Mar. 30, 2021**

(54) **BENDING DIE FOR METAL PLATE**

(71) Applicants: **NIKKEIKIN ALUMINIUM CORE TECHNOLOGY COMPANY, LTD.**, Tokyo (JP); **NIPPON LIGHT METAL COMPANY, LTD.**, Tokyo (JP); **HORIKAWA INDUSTRY Co., Ltd.**, Komatsu (JP)

(72) Inventors: **Mitsunori Kato**, Niigata (JP); **Toshiaki Yamazaki**, Tokyo (JP); **Eiji Anzai**, Shizuoka (JP); **Shoichi Horikawa**, Ishikawa (JP); **Hiroyuki Horikawa**, Ishikawa (JP)

(73) Assignees: **NIKKEIKIN ALUMINIUM CORE TECHNOLOGY COMPANY, LTD.**, Tokyo (JP); **NIPPON LIGHT METAL COMPANY, LTD.**, Tokyo (JP); **HORIKAWA INDUSTRY CO., LTD.**, Komatsu (JP)

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Jan. 31, 2018 (JP) 2018-001890

Jan. 31, 2018 (JP) 2018-001891

(51) **LOC (13) Cl.** **15-09**

(52) **U.S. Cl.**
USPC **D15/128**

(58) **Field of Classification Search**
USPC D15/122, 123, 128, 136, 138, 140
(Continued)

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Primary Examiner — Patricia A Palasik
(74) *Attorney, Agent, or Firm* — Rankin, Hill & Clark LLP

(57) **CLAIM**
We claim, the ornamental design for a bending die for metal plate, as shown and described.

DESCRIPTION
FIG. 1 is a perspective view of a bending die for metal plate of a first embodiment showing our new design;
FIG. 2 is a front view of the design of FIG. 1, the rear view being a mirror image thereof;
FIG. 3 is a right side view of the design of FIG. 1;
FIG. 4 is a left side view of the design of FIG. 1;
FIG. 5 is a top plan view of the design of FIG. 1;
FIG. 6 is a bottom plan view of the design of FIG. 1;
FIG. 7 is a cross sectional view taken along line 7-7 of the design of FIG. 5;
FIG. 8 is a perspective view of a bending die for metal plate of a second embodiment showing our new design;
FIG. 9 is a front view of the design of FIG. 8, the rear view being a mirror image thereof;
FIG. 10 is a right side view of the design of FIG. 8;
FIG. 11 is a left side view of the design of FIG. 8;
FIG. 12 is a top plan view of the design of FIG. 8;
FIG. 13 is a bottom plan view of the design of FIG. 8; and,
(Continued)

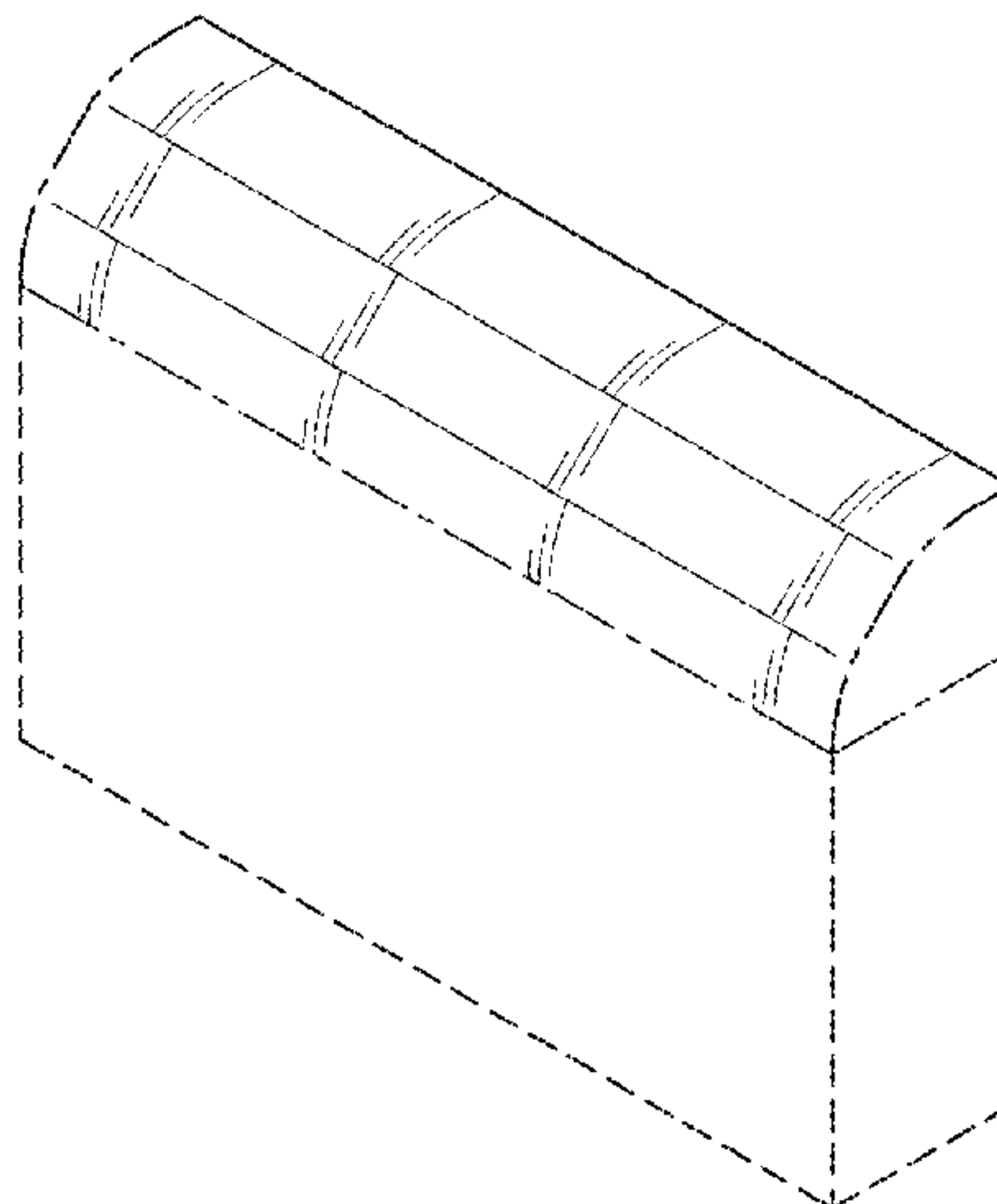


FIG. 14 is a cross sectional view taken along line 14-14 of the design of FIG. 12.
The broken lines depict portions of the bending die for a metal plate which form no part of the claimed design. The alternate long and short dash lines define, but are not included in, the boundaries of the claimed designs.

1 Claim, 8 Drawing Sheets

(58) **Field of Classification Search**
CPC B23B 5/167; B23G 9/003; B23G 2240/08;
Y10T 408/893; Y10T 408/899
See application file for complete search history.

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FIG.1

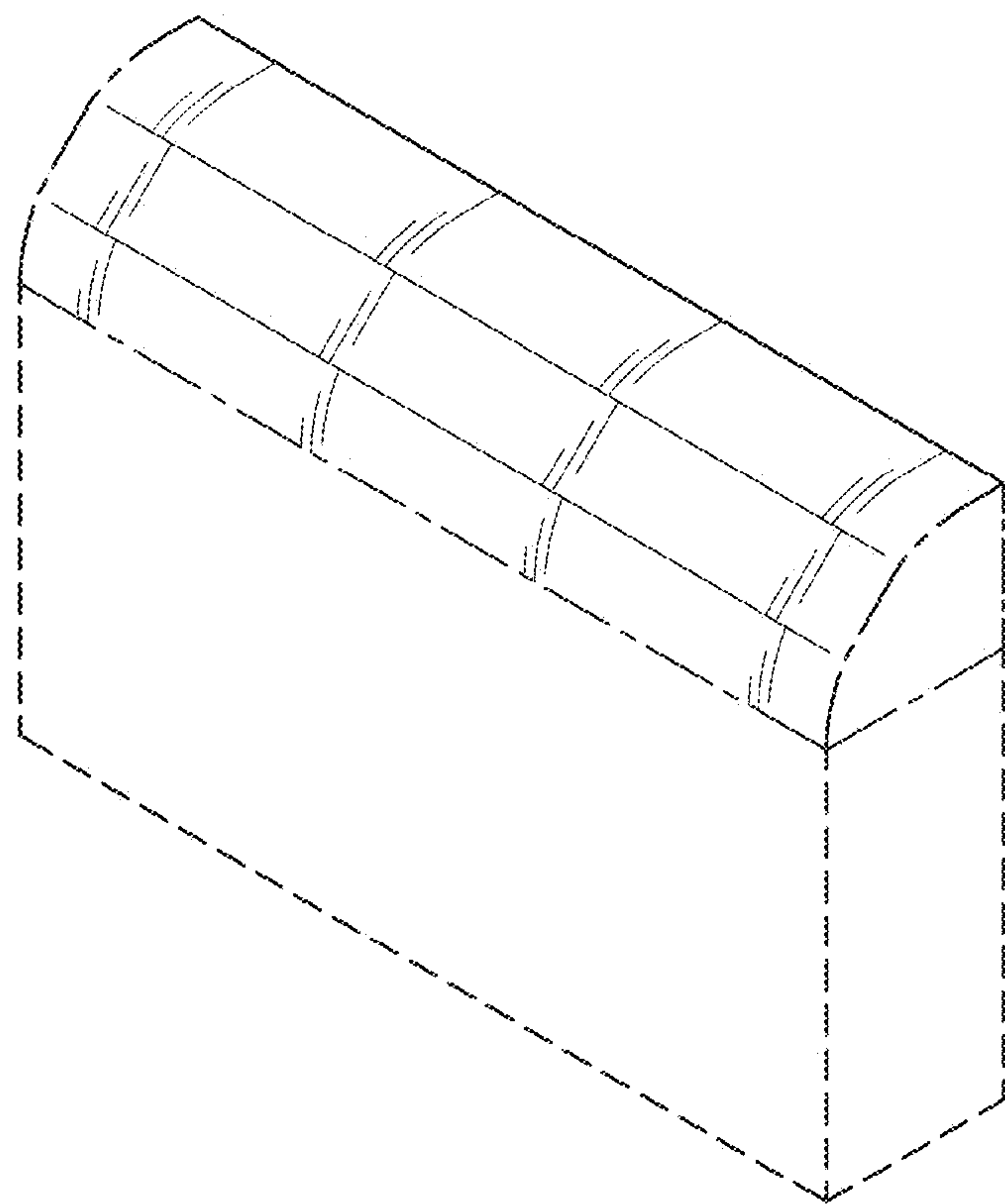


FIG.2

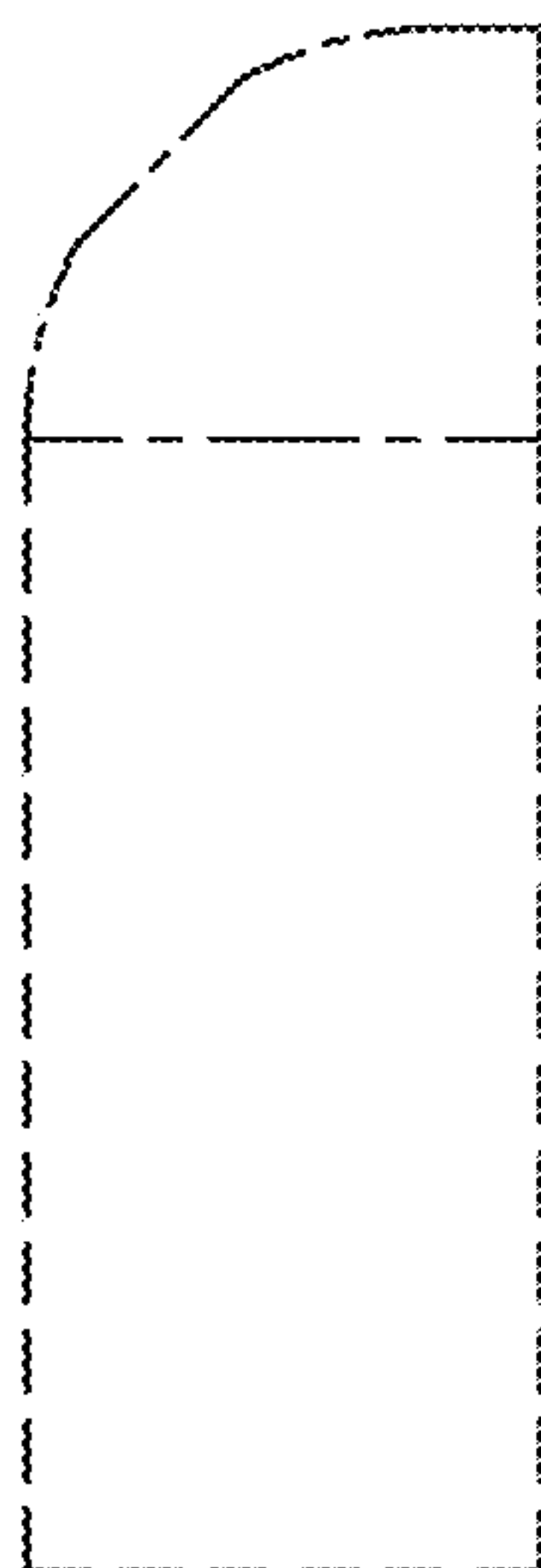


FIG.3

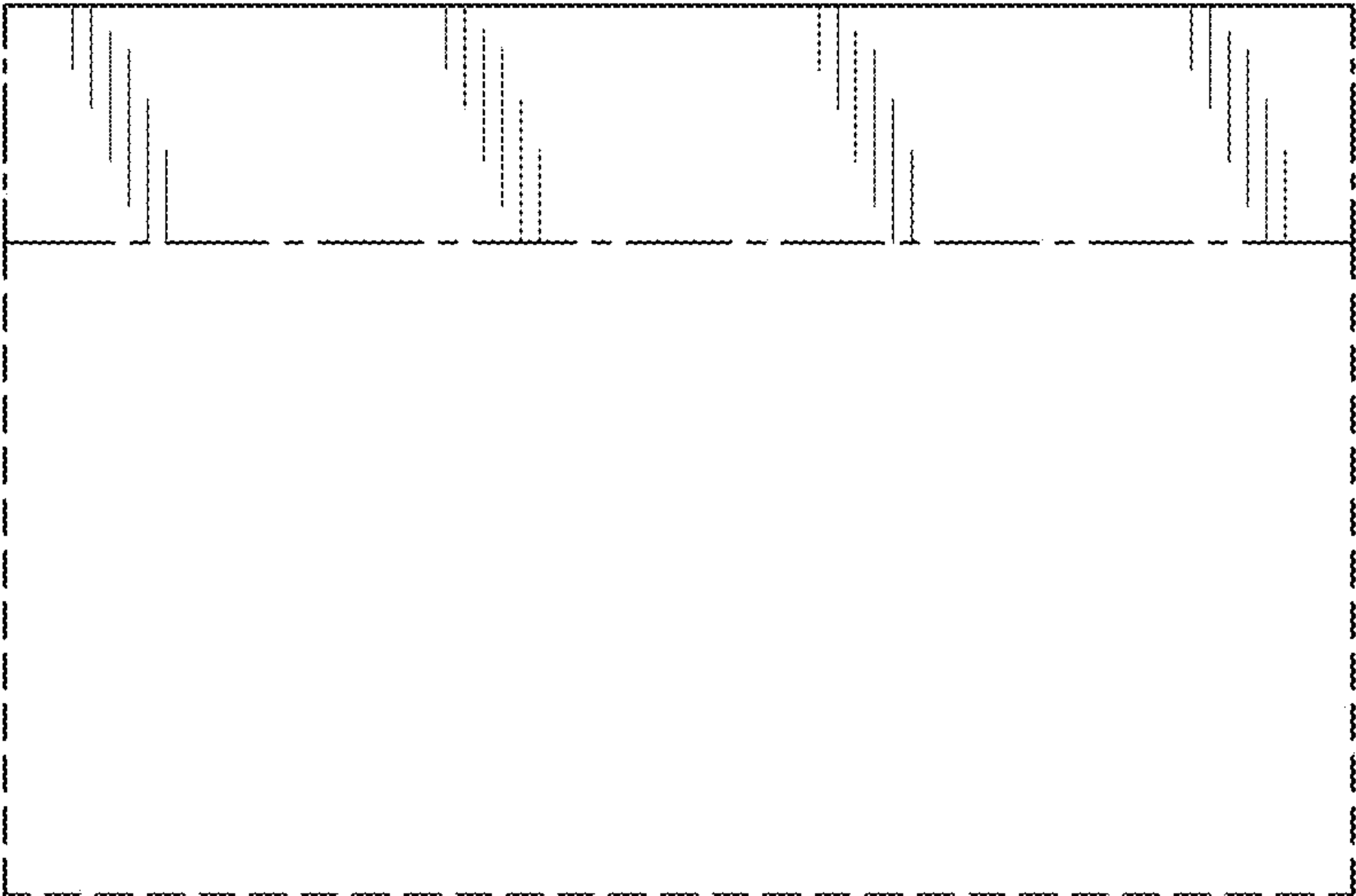


FIG.4

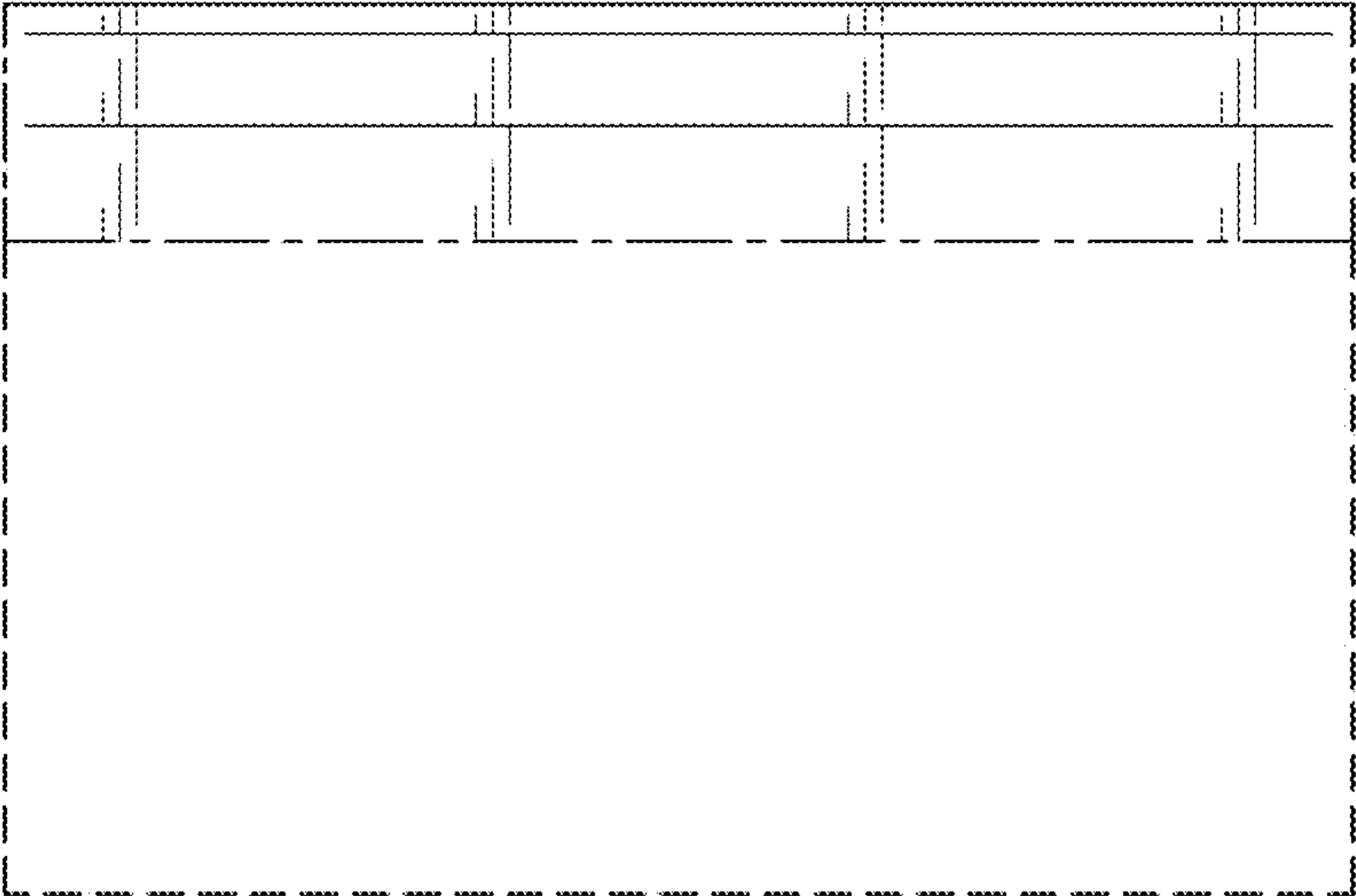


FIG.5

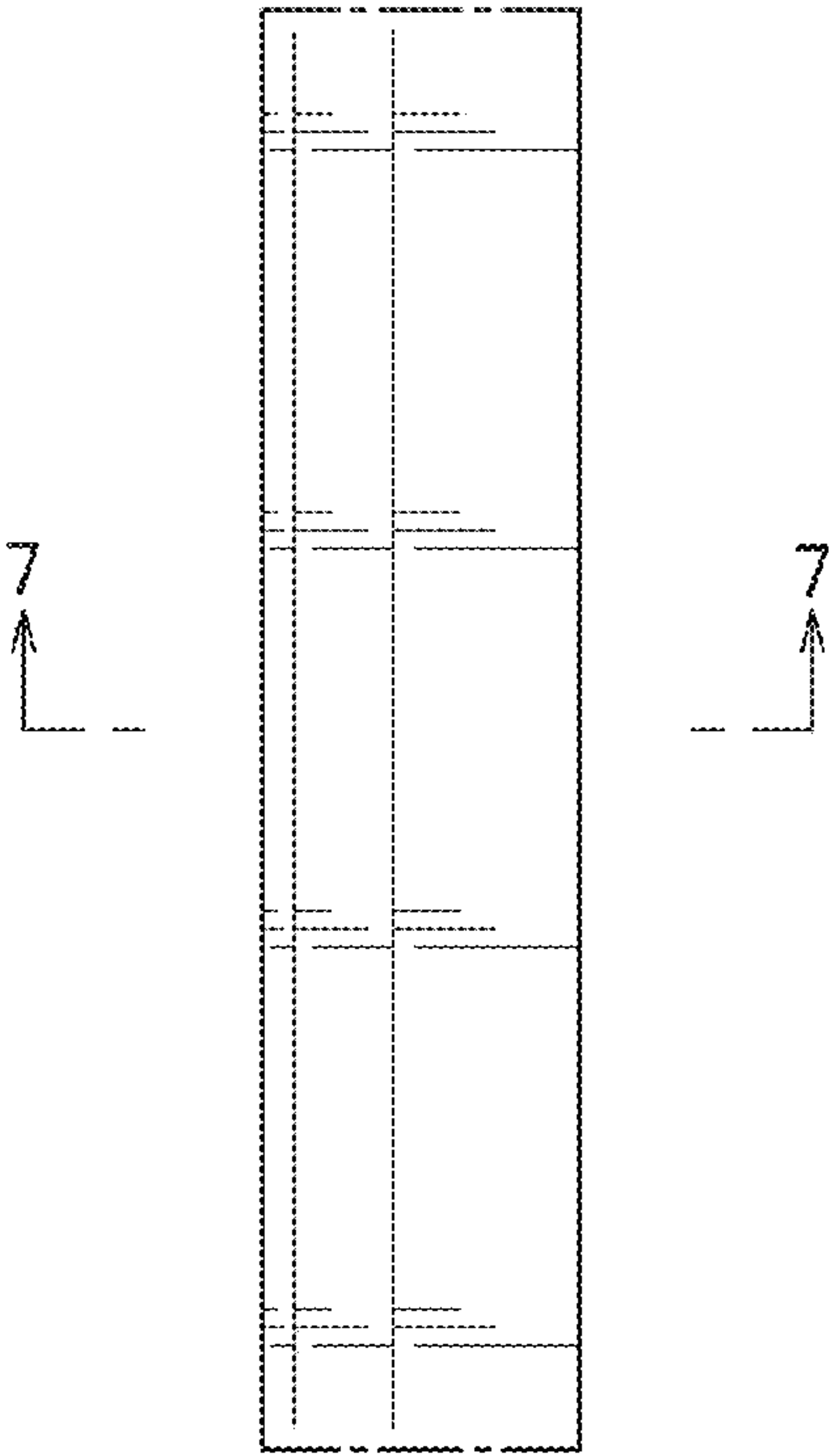


FIG.6

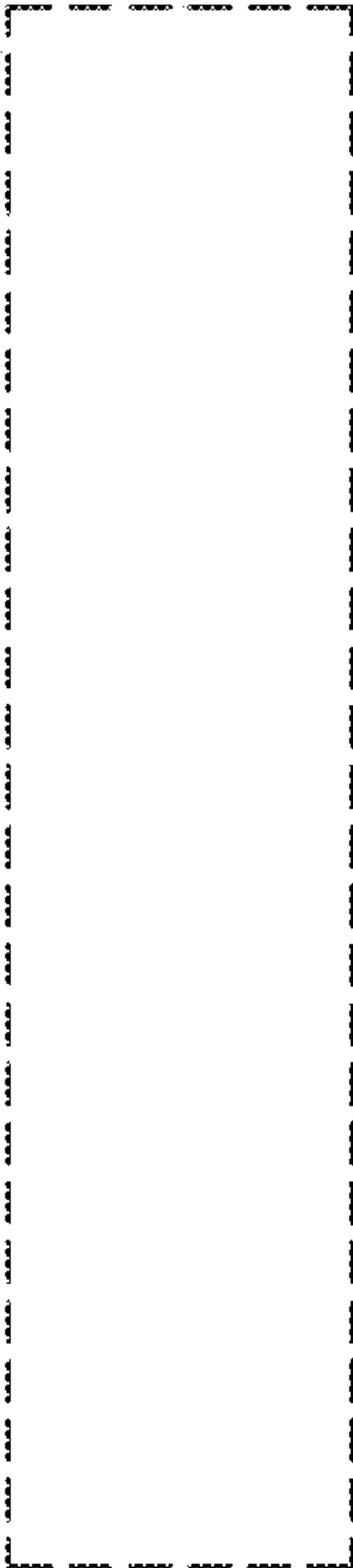


FIG.7

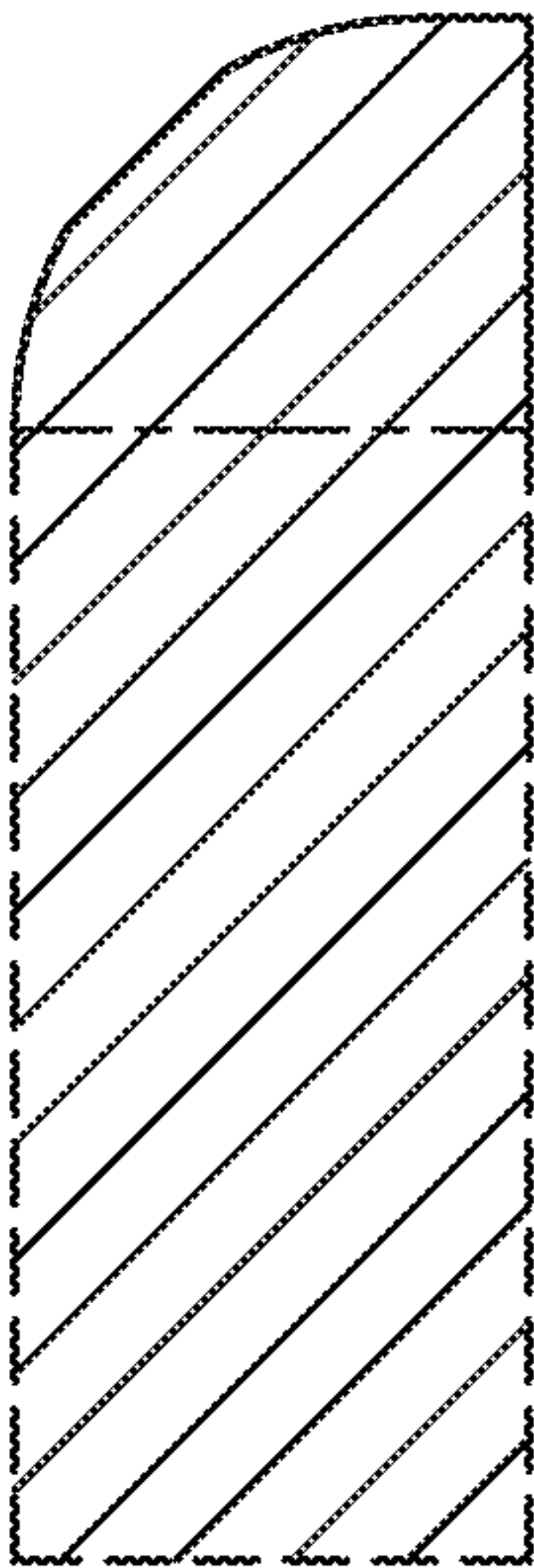


FIG.8

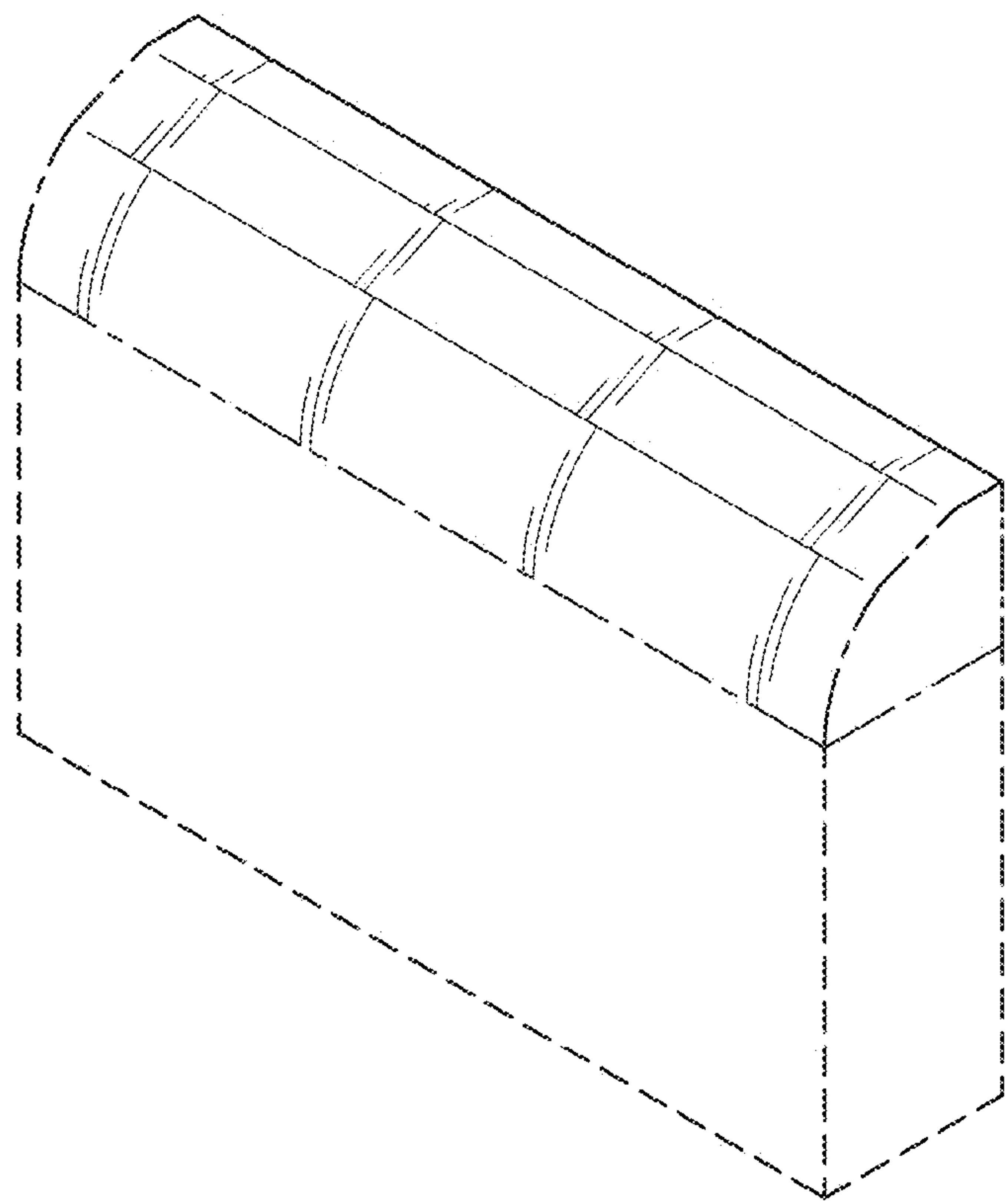


FIG.9

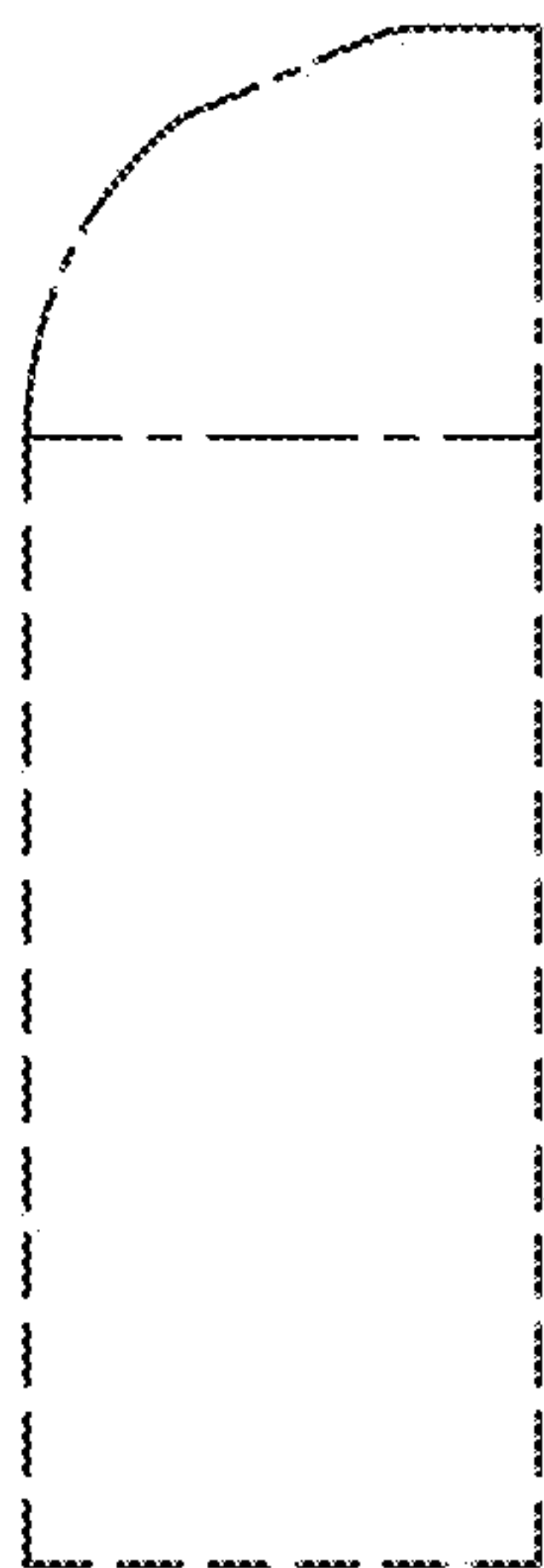


FIG.10

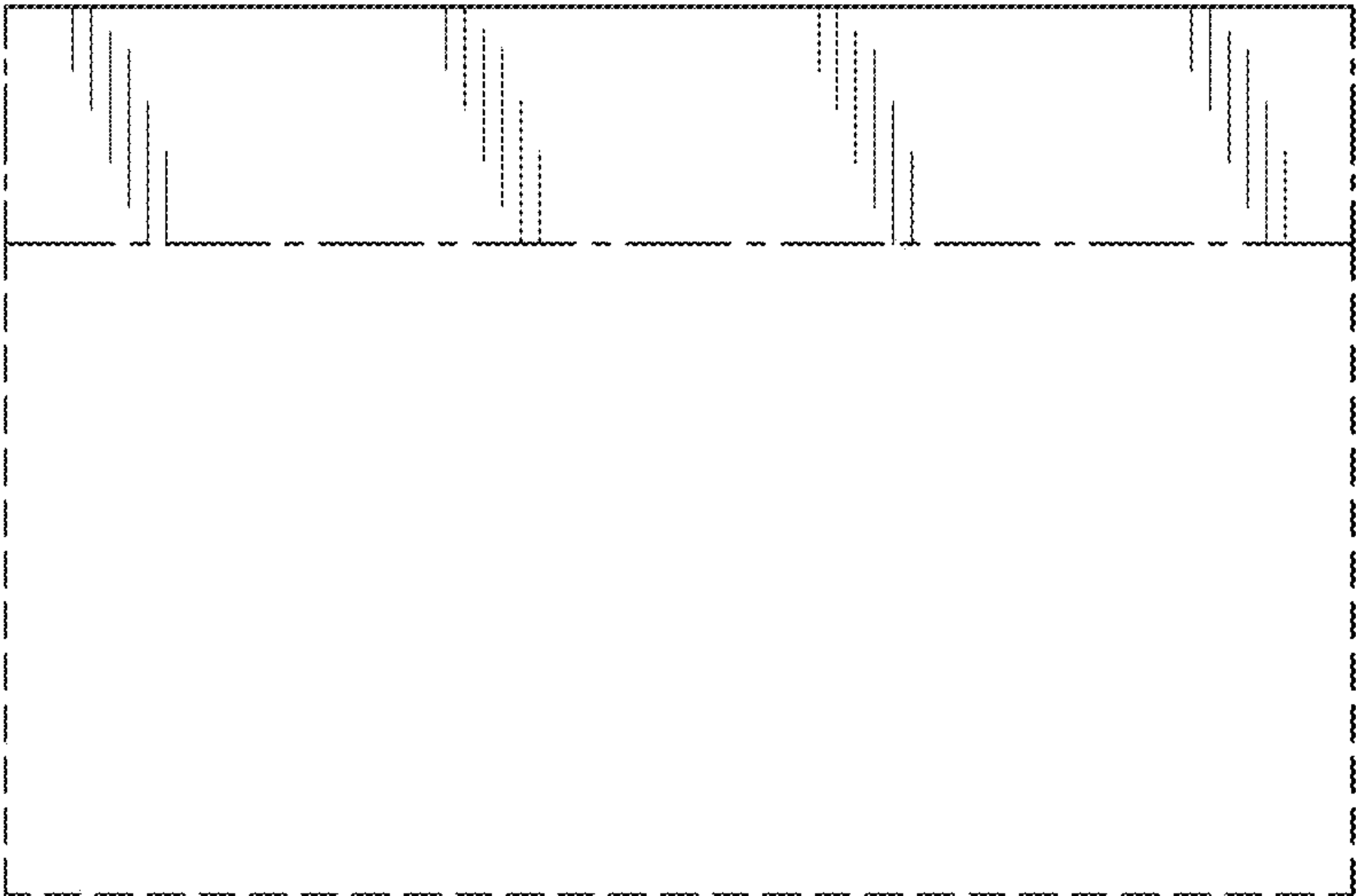


FIG.11

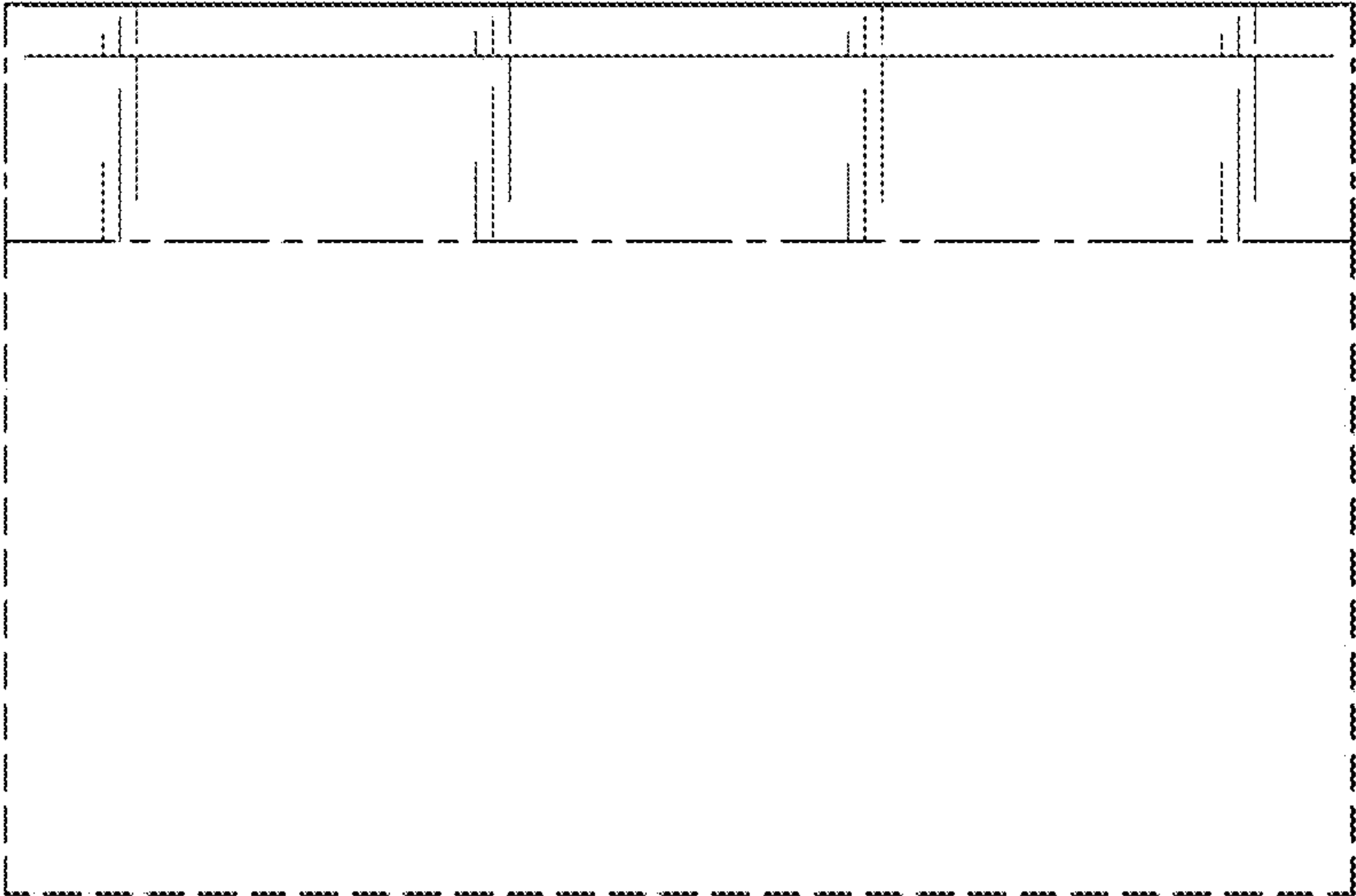


FIG.12

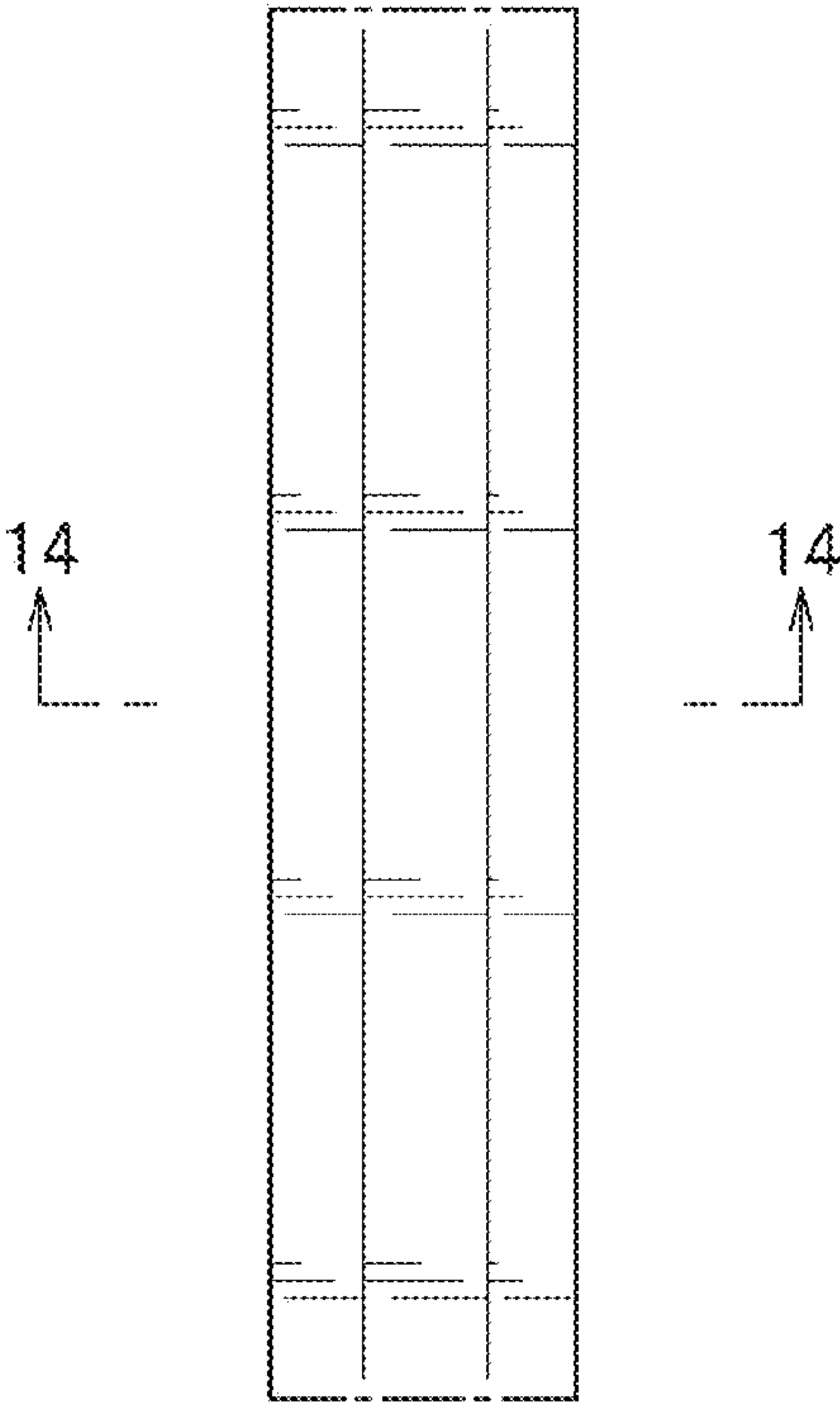


FIG.13



FIG.14

