

US00D872785S

(12) **United States Design Patent** (10) **Patent No.:** **US D872,785 S**
Herrick et al. (45) **Date of Patent:** **** Jan. 14, 2020**

(54) **HORIZONTAL DIRECTIONAL DRILL
FRAME**

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(US)

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(73) Assignee: **Roddie, Inc.**, Columbia Falls, MT (US)

(**) Term: **15 Years**

(21) Appl. No.: **29/573,641**

(22) Filed: **Aug. 8, 2016**

(51) **LOC (12) Cl.** **15-09**

(52) **U.S. Cl.**
USPC **D15/141**; D15/139

(58) **Field of Classification Search**
USPC D8/14, 61; D10/46, 103, 104.1;
D15/122, 126, 130–132, 138–141
(Continued)

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(57) **CLAIM**

The ornamental design for a horizontal directional drill frame, as shown and described.

DESCRIPTION

FIG. 1 is an isometric view shown from the front, right, top perspective, of a horizontal directional drill frame, in accordance with the present design;

FIG. 2 is an isometric view shown from the back, left, top perspective view thereof;

FIG. 3 is an isometric view shown from the front, left, bottom perspective view thereof

FIG. 4 is a top plan view thereof;

FIG. 5 is a bottom plan view thereof;

FIG. 6 is a left side elevation view thereof, with the right side being a substantially mirror image thereof;

FIG. 7 is a front elevation view thereof;

FIG. 8 is a back elevation view thereof; and,

FIG. 9 is an isometric view from the front, right, top perspective view, with a horizontal directional drill body embedded as environmental structure.

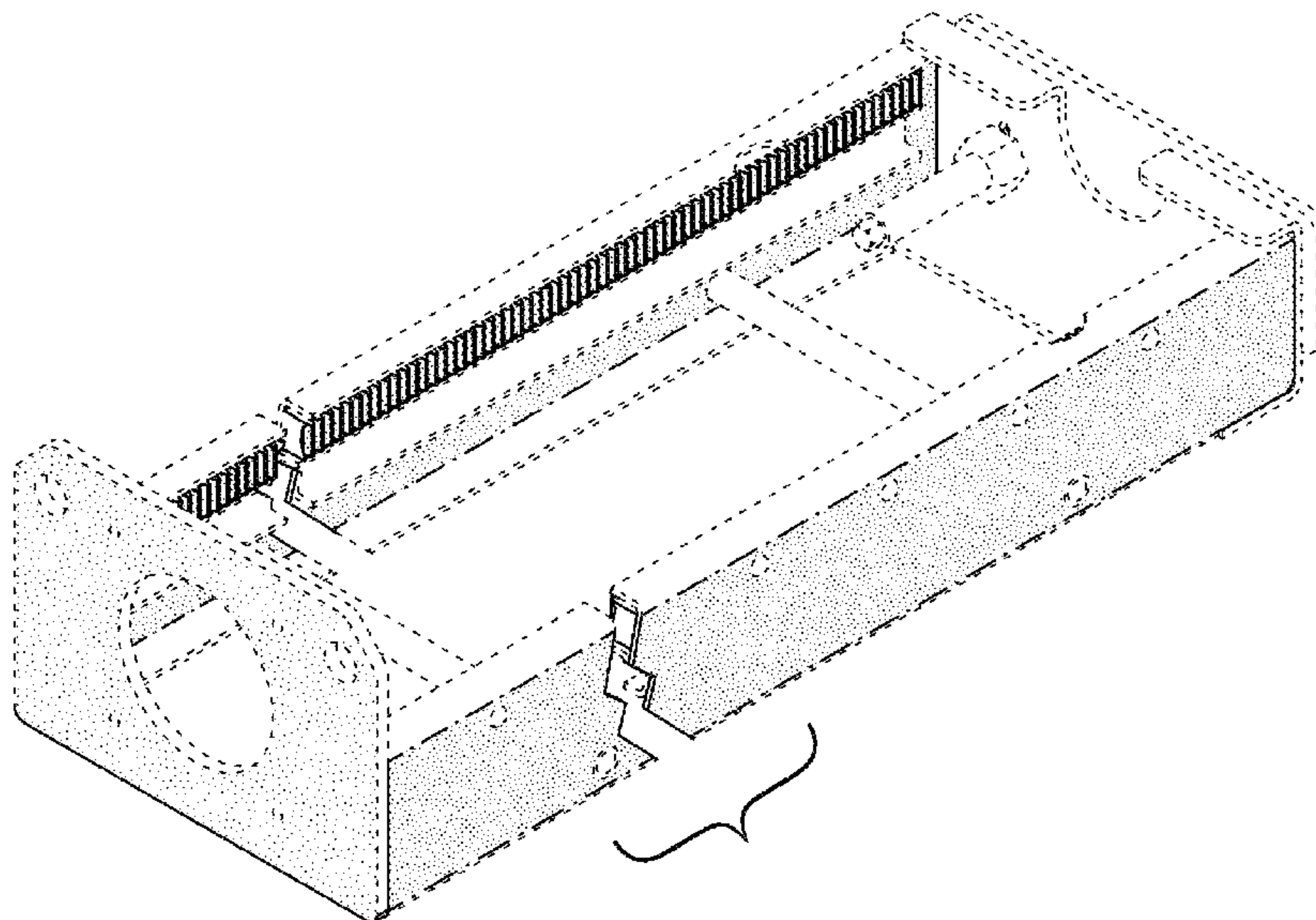
The broken lines show portions of a horizontal directional drill frame that form no part of the claimed design.

The dash-dot broken lines show the bounds of the claimed design, and form no part thereof.

The break lines seen in FIGS. 1-6, and 9 indicate a symbolic break in the length of the claimed design. Any portion that appears between the break lines form no part of the claimed design.

The stippling in the drawings are meant to show surface shading only, and does not convey a specific texture, material, or color, and forms no part of the claimed design.

1 Claim, 5 Drawing Sheets



(58) **Field of Classification Search**
CPC .. B25H 1/0021; B25H 1/0057; Y10S 409/903
See application file for complete search history.

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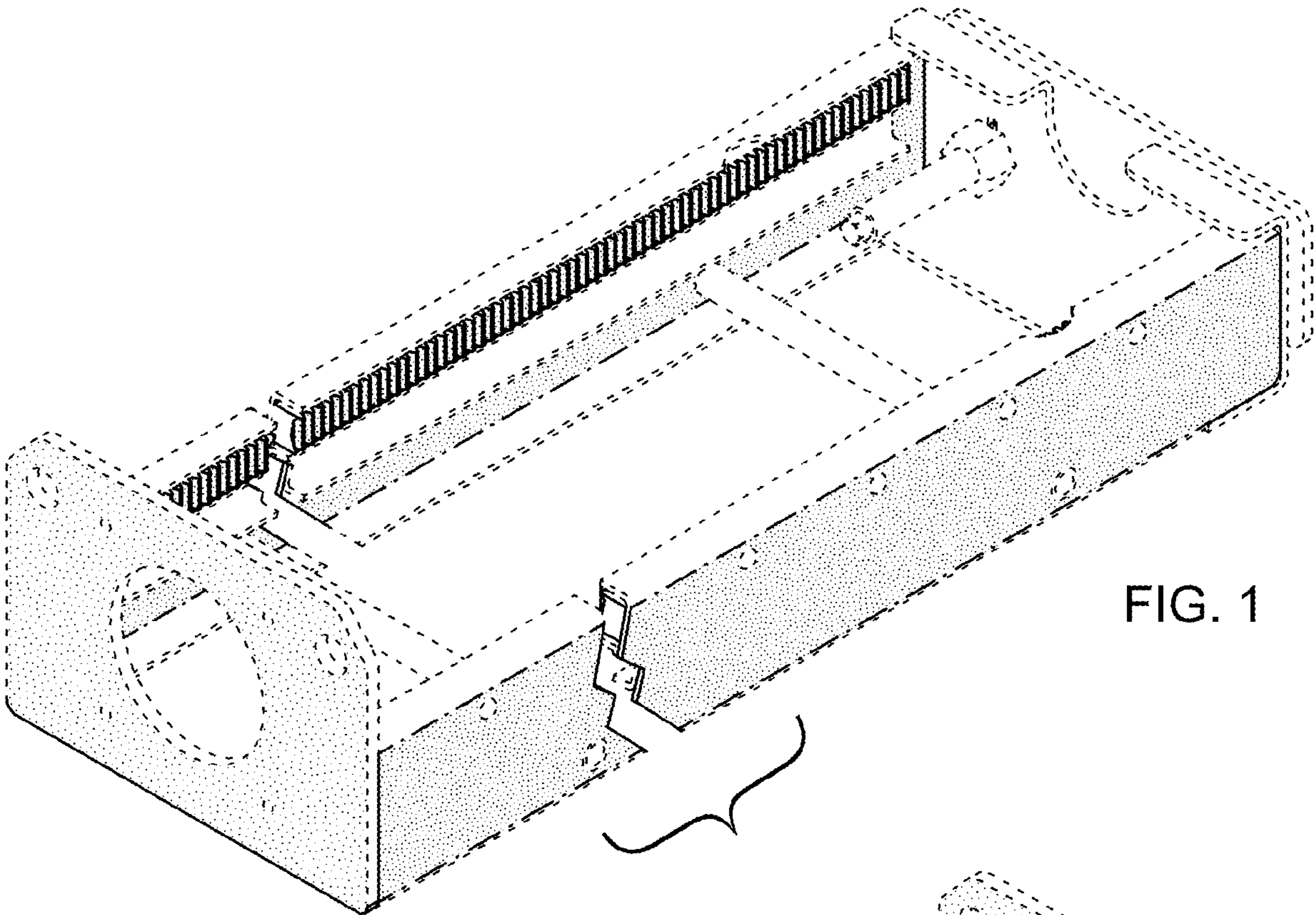


FIG. 1

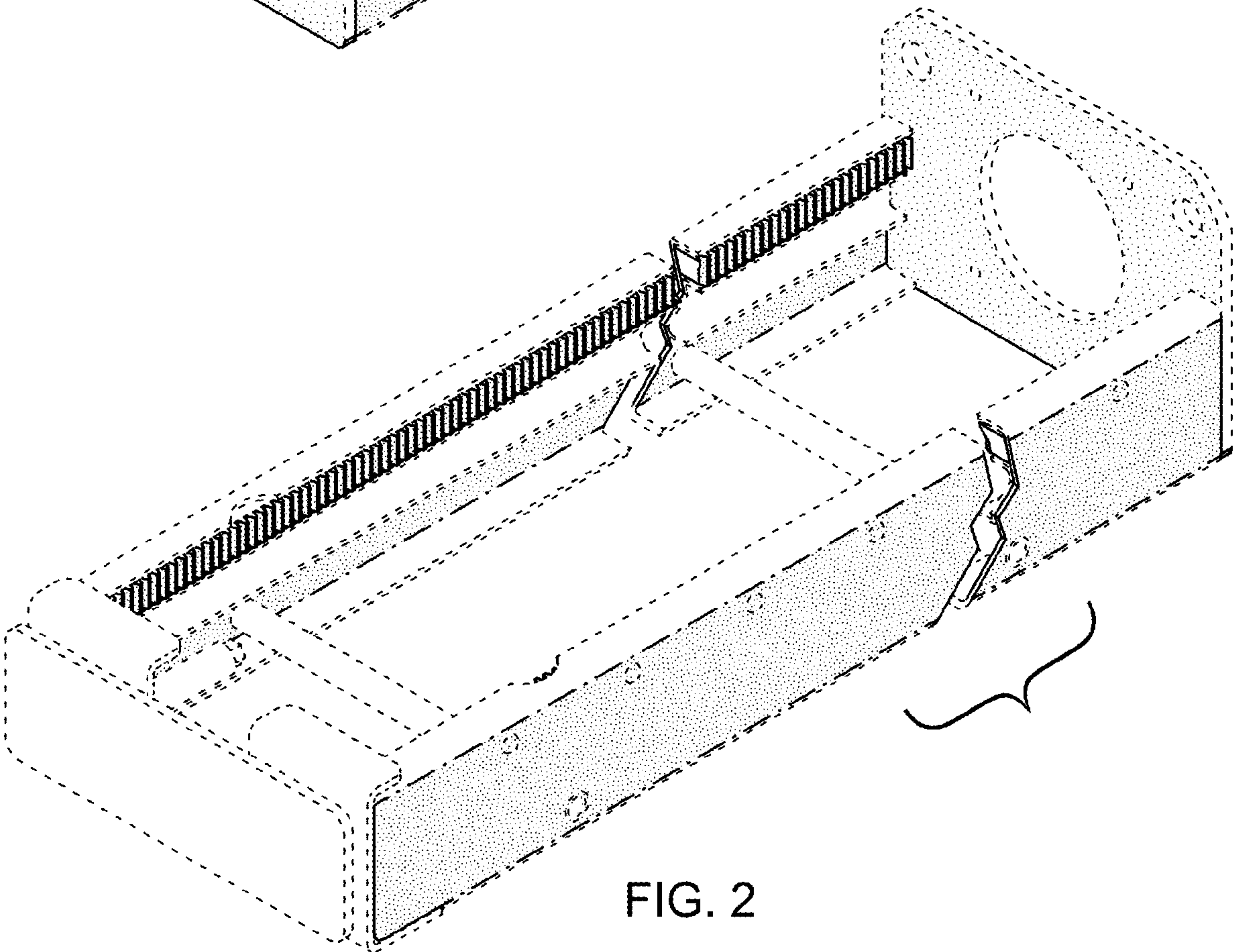
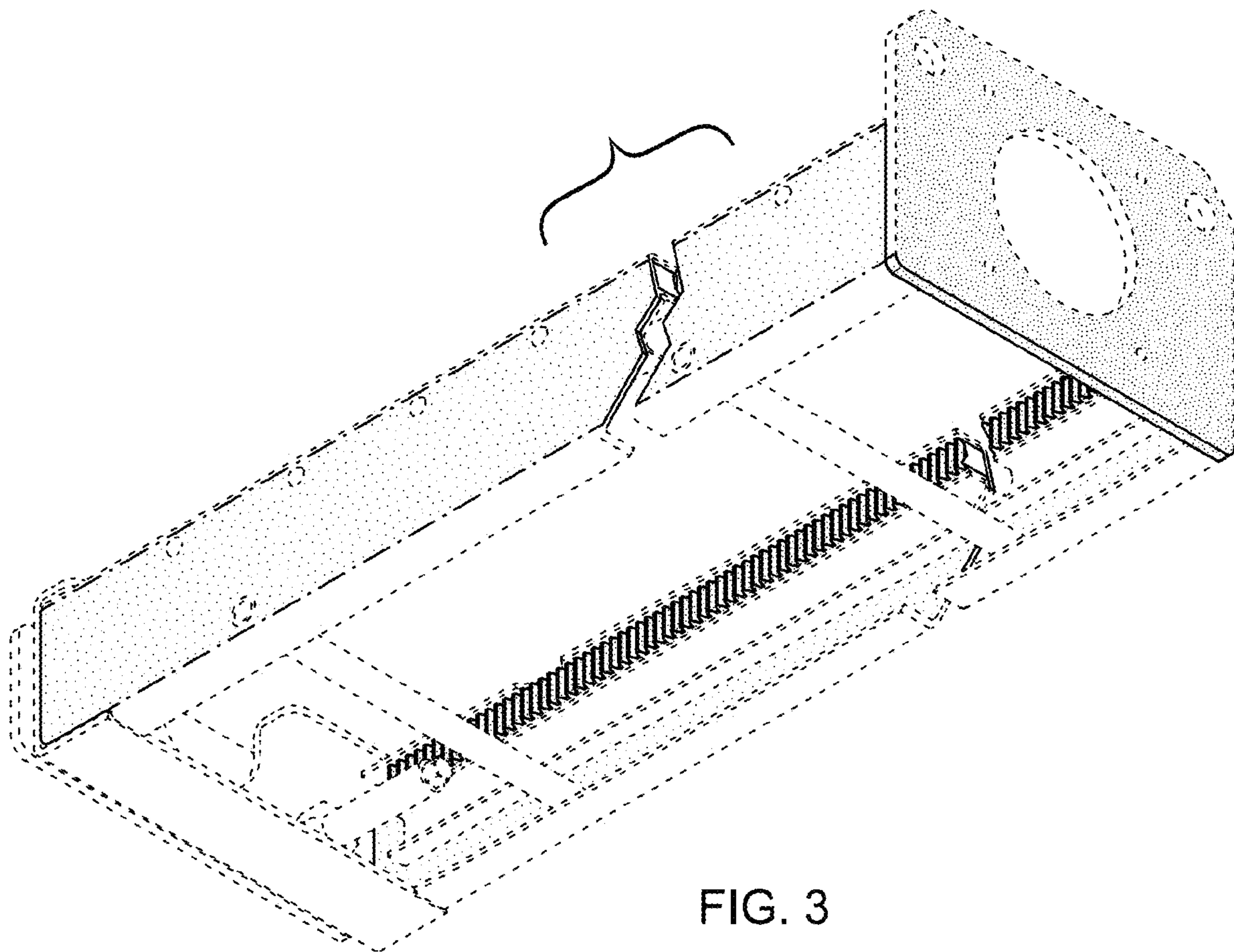


FIG. 2



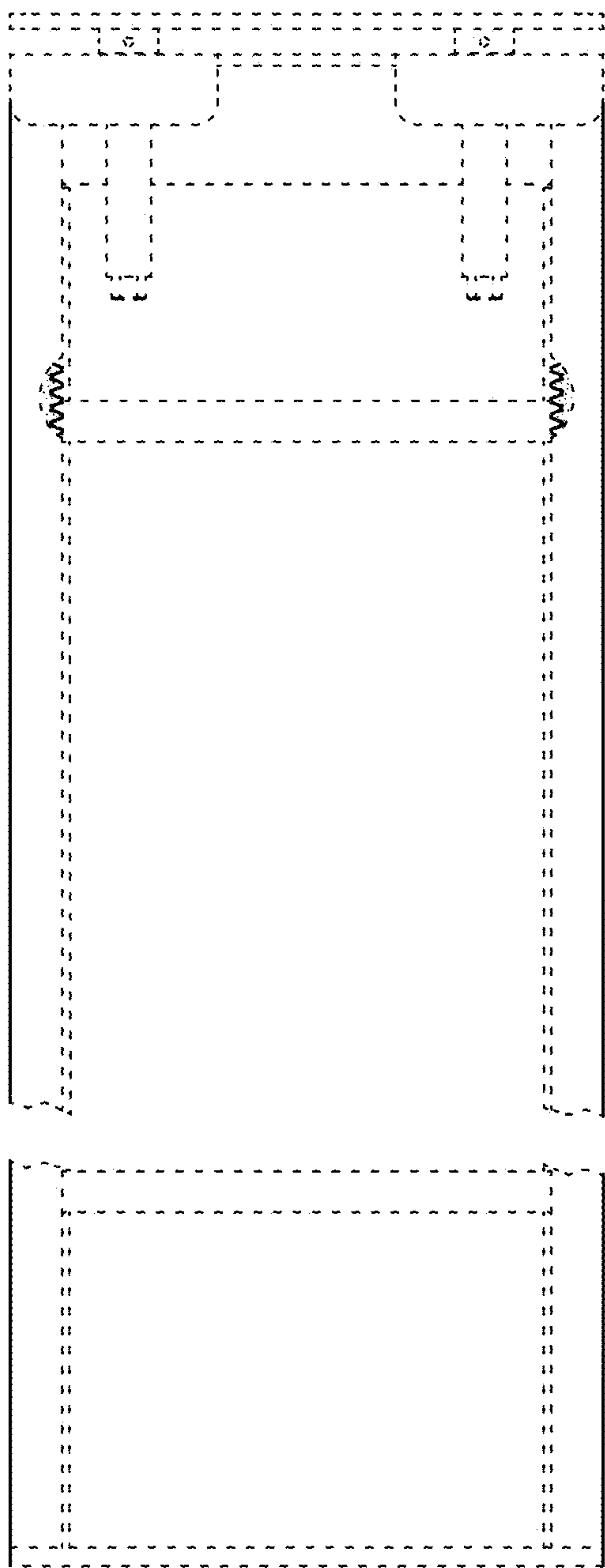


FIG. 4

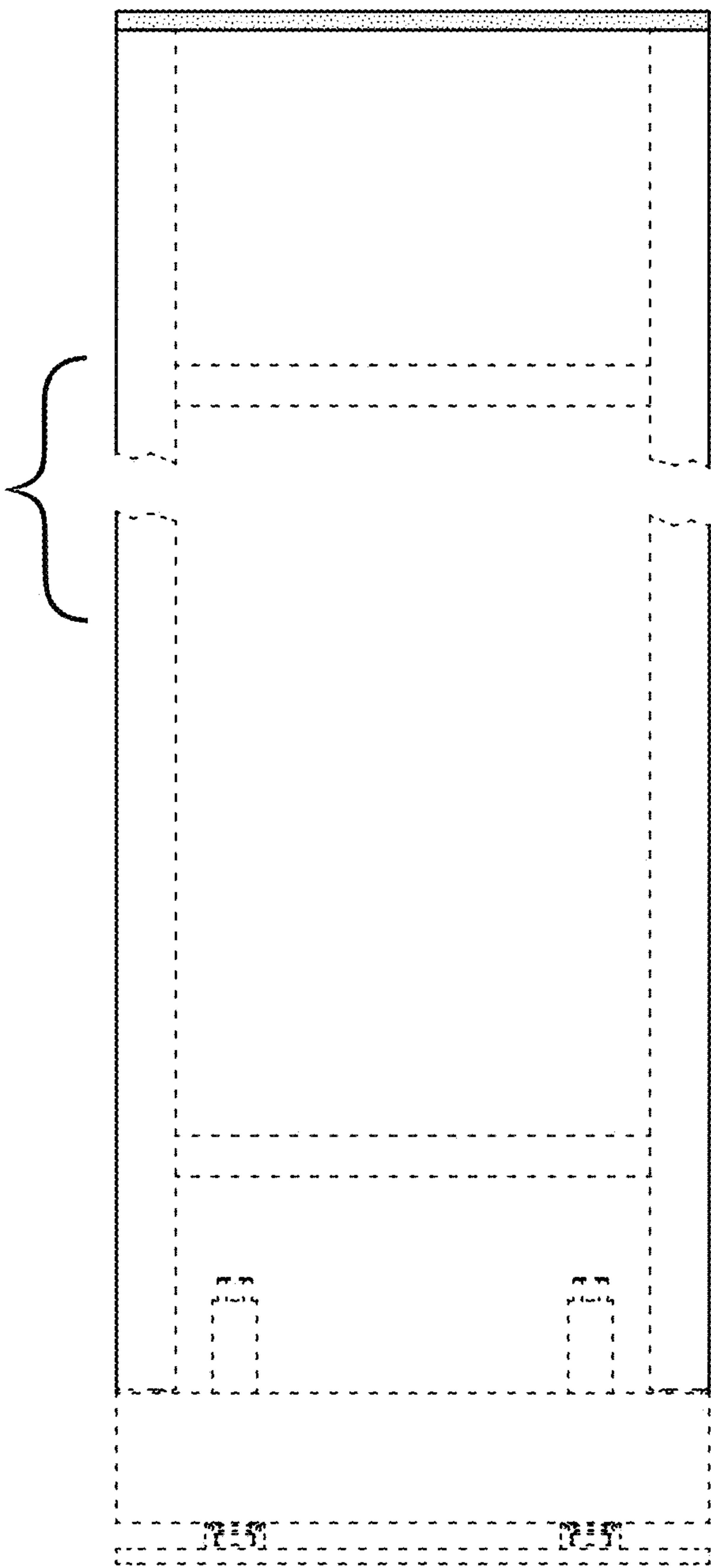


FIG. 5

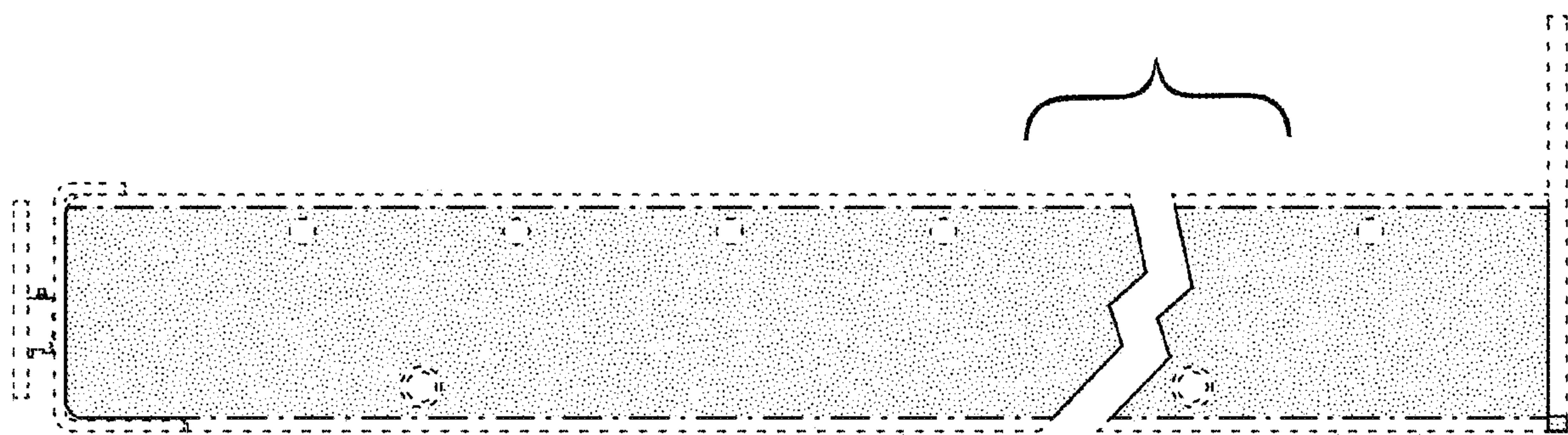


FIG. 6

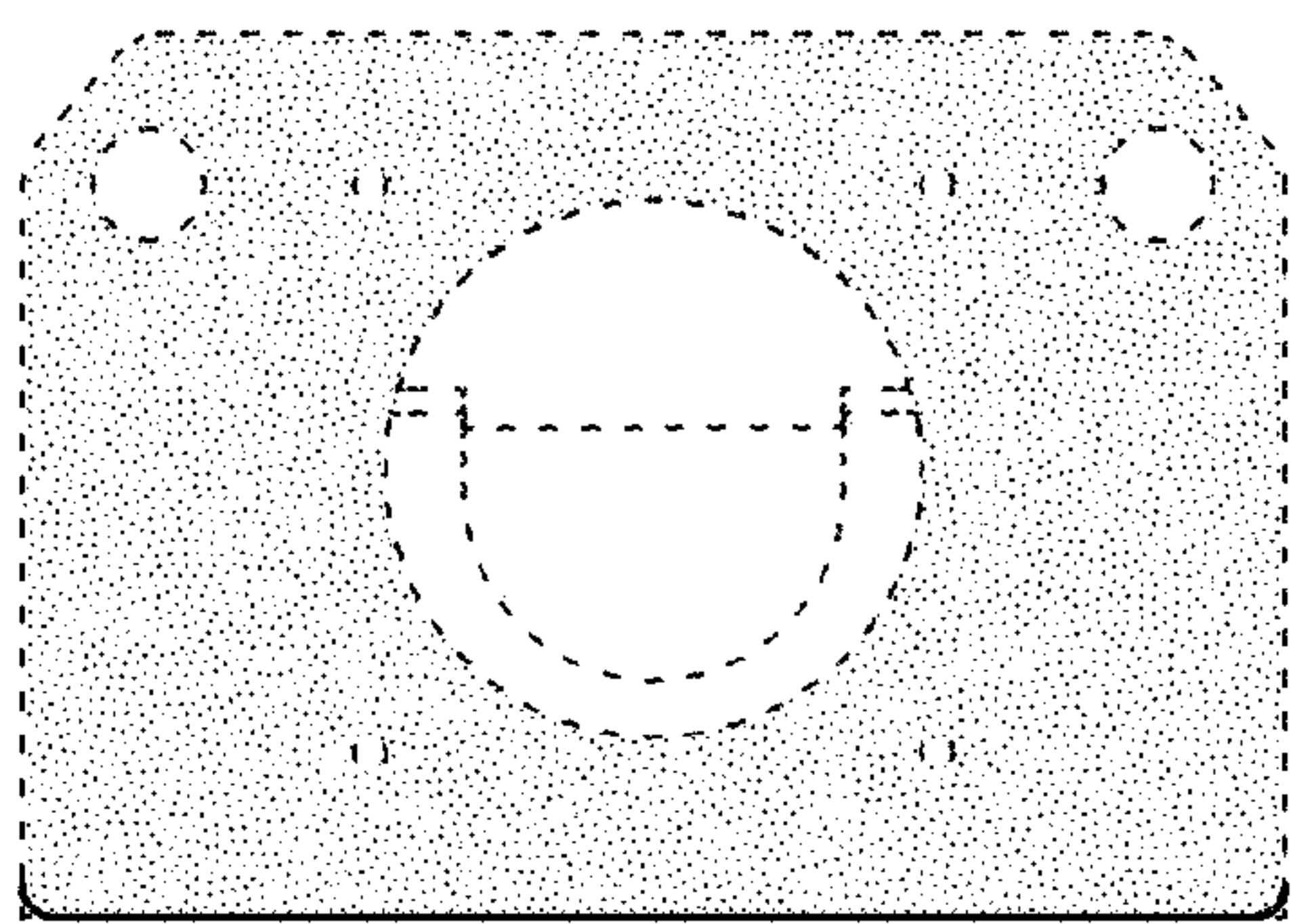


FIG. 7

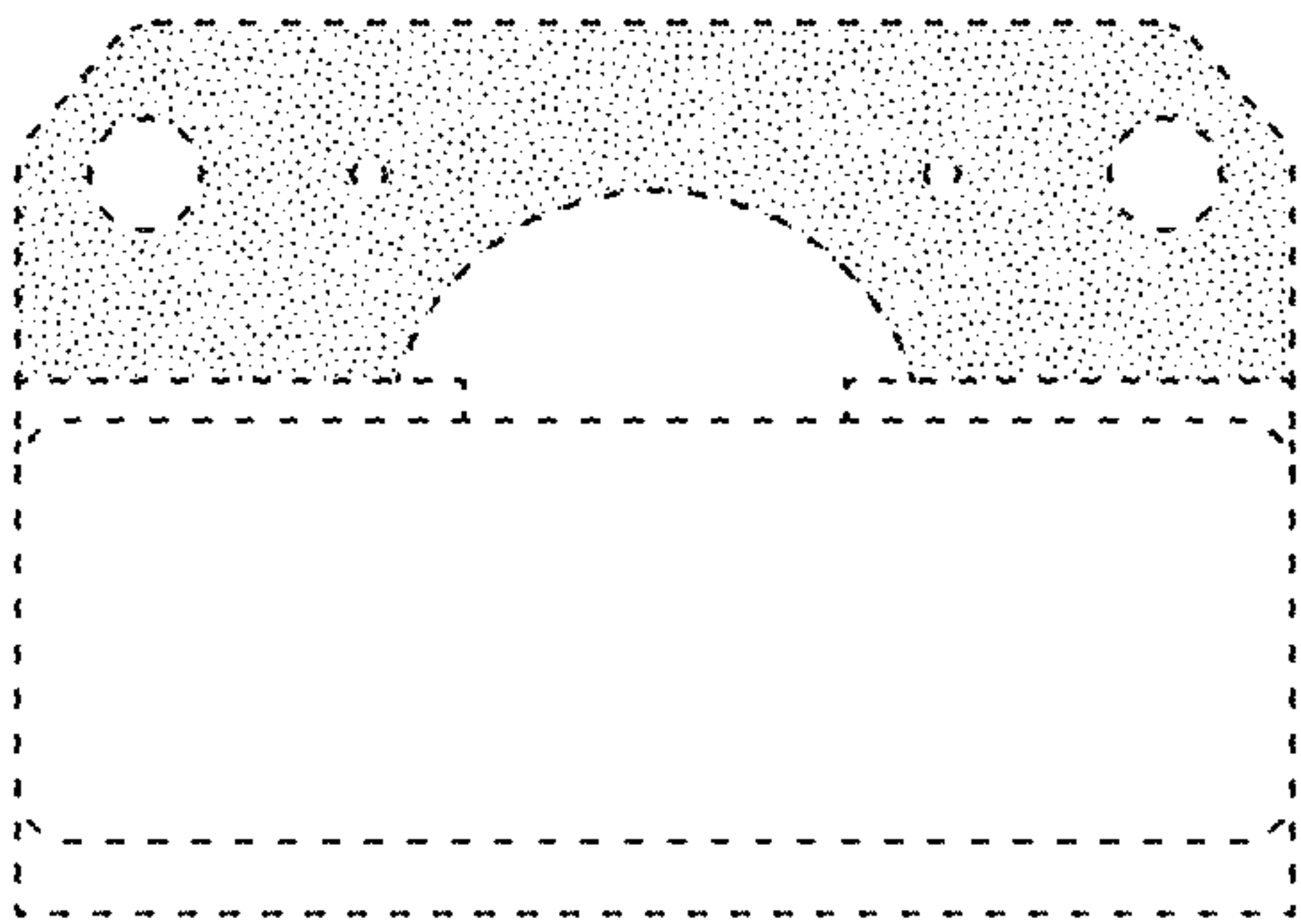


FIG. 8

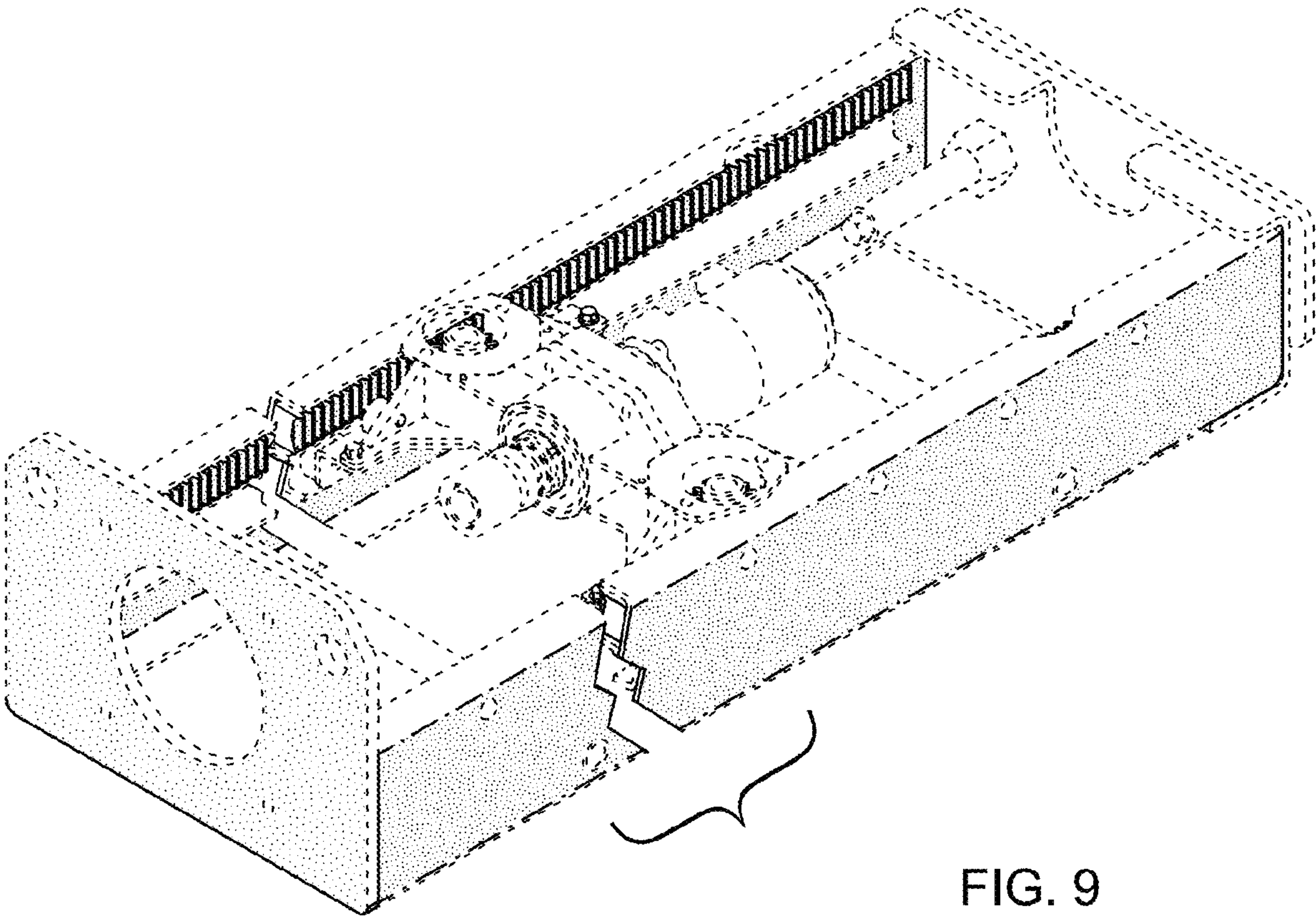


FIG. 9