



US00D404006S

United States Patent [19]

[11] Patent Number: Des. 404,006

Clowers et al.

[45] Date of Patent: **Jan. 12, 1999

[54] TOOL BATTERY CHARGER

[75] Inventors: Earl Clowers; Mark A. Etter, both of Jackson, Tenn.

[73] Assignee: Porter-Cable Corporation, Jackson, Tenn.

[**] Term: 14 Years

[21] Appl. No.: 73,128

[22] Filed: Jul. 1, 1997

[51] LOC (6) Cl. 13-02

[52] U.S. Cl. D13/107

[58] Field of Search D13/107, 108, D13/118; 320/110-115

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(List continued on next page.)

Primary Examiner—Joel Sincavage

Attorney, Agent, or Firm—Merchant, Gould, Smith, Edell, Welter & Schmidt, P.A.

[57] CLAIM

The ornamental design for a tool battery charger, as shown and described.

DESCRIPTION

FIG. 1 is a front top and right side perspective view of a first embodiment of a power tool battery charger;

FIG. 2 is a bottom rear and left side perspective view of the battery charger shown in FIG. 1;

FIG. 3 is right elevational view the battery charger shown in FIG. 1;

FIG. 4 is a left elevational view of the battery charger shown in FIG. 1;

FIG. 5 is a rear elevational view of the battery charger shown in FIG. 1;

FIG. 6 is a front elevational view of the battery charger shown in FIG. 1;

FIG. 7 is a top plan view of the battery charger shown in FIG. 1;

FIG. 8 is a bottom plan view of the battery charger shown in FIG. 1;

FIG. 9 is a front top and left side perspective view of a second embodiment of a power tool battery charger;

FIG. 10 is a rear bottom and left side perspective view of the battery charger shown in FIG. 9;

FIG. 11 is right elevational view of the battery charger shown in FIG. 9;

FIG. 12 is a left elevational view of the battery charger shown in FIG. 9;

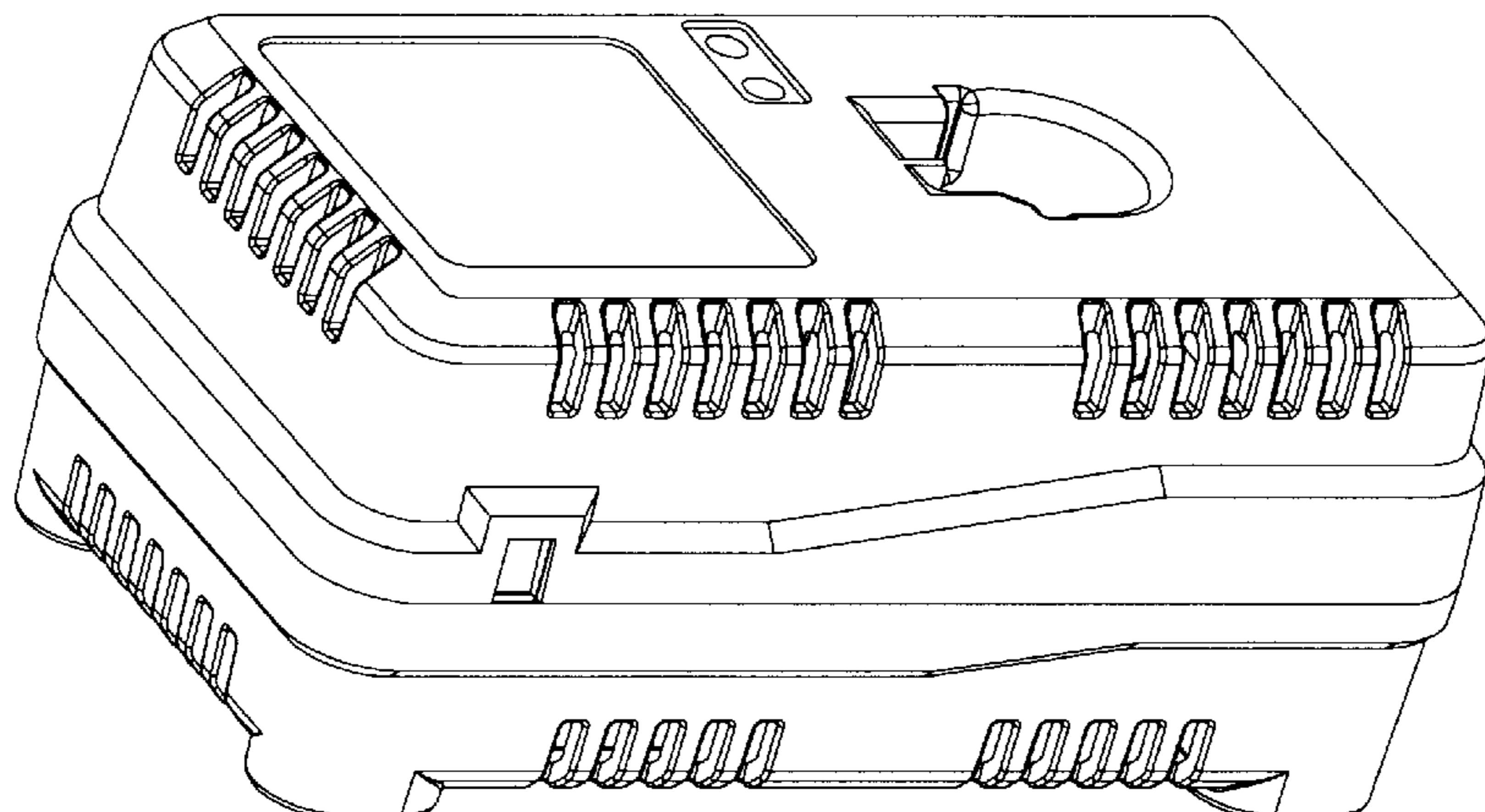
FIG. 13 is a rear elevational view of the battery charger shown in FIG. 9;

FIG. 14 is a front elevational view of the battery charger shown in FIG. 9;

FIG. 15 is a top plan view of the battery charger shown in FIG. 9; and,

FIG. 16 is a bottom plan view of the battery charger shown in FIG. 9.

1 Claim, 8 Drawing Sheets



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FIG. 1

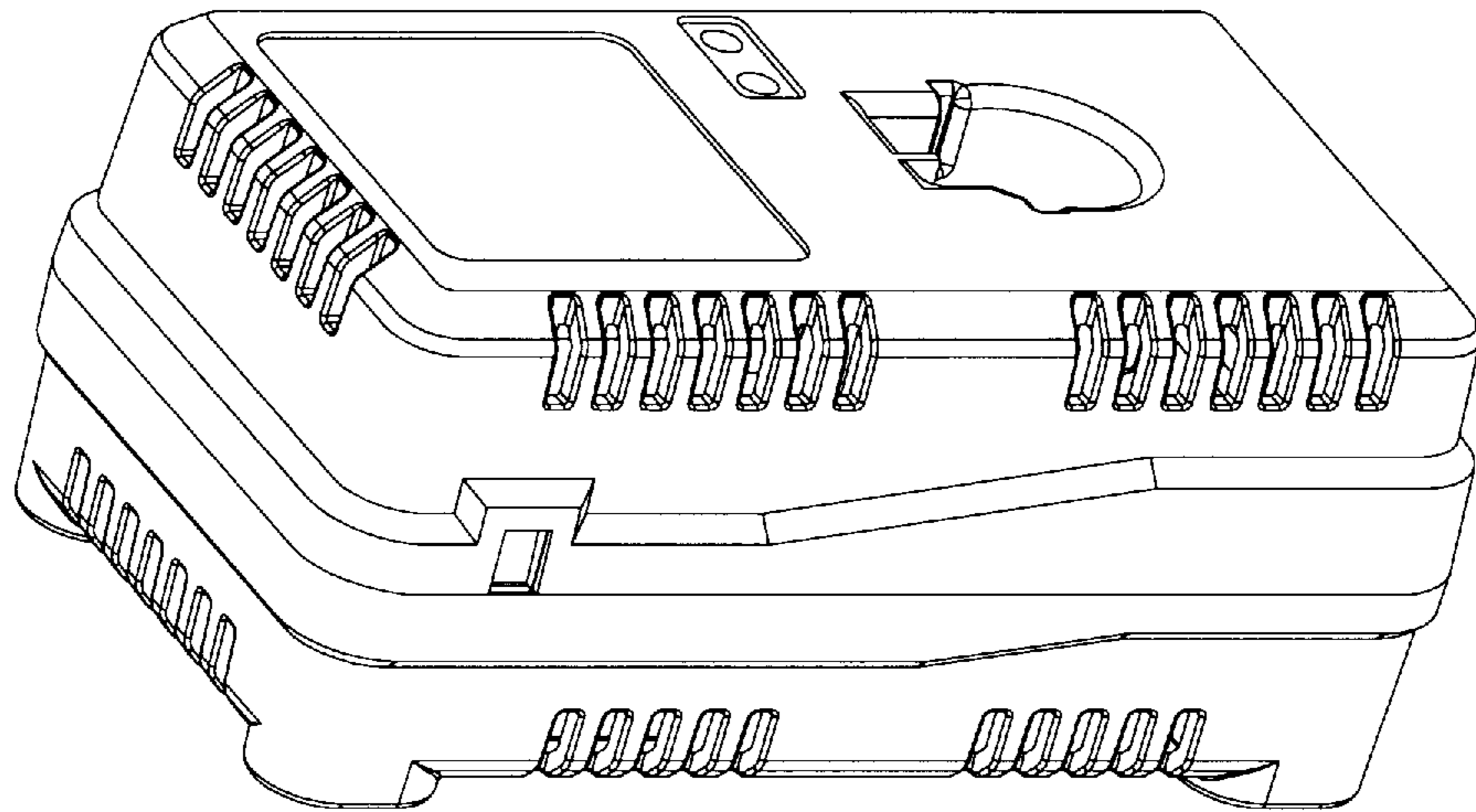


FIG. 2

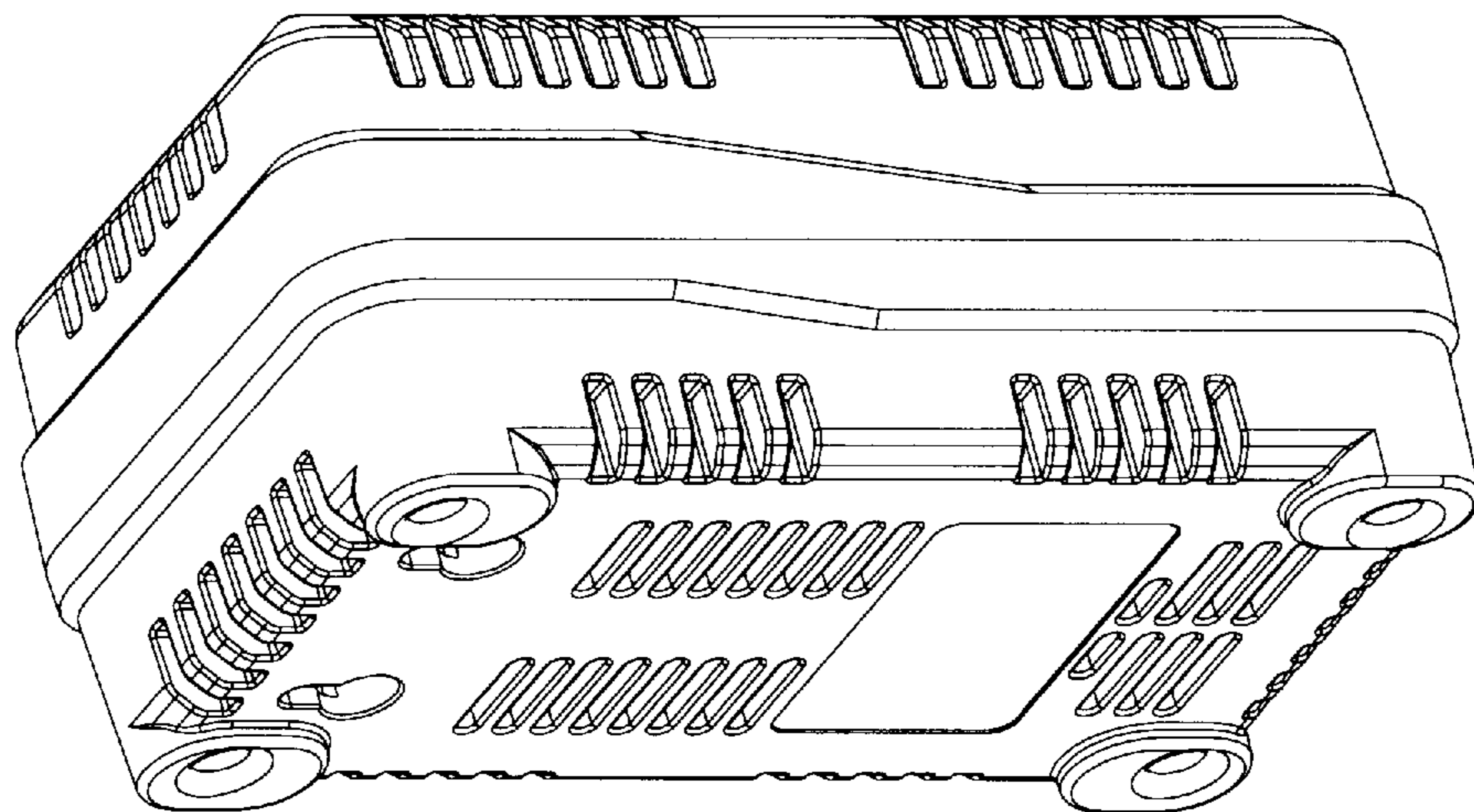


FIG. 3

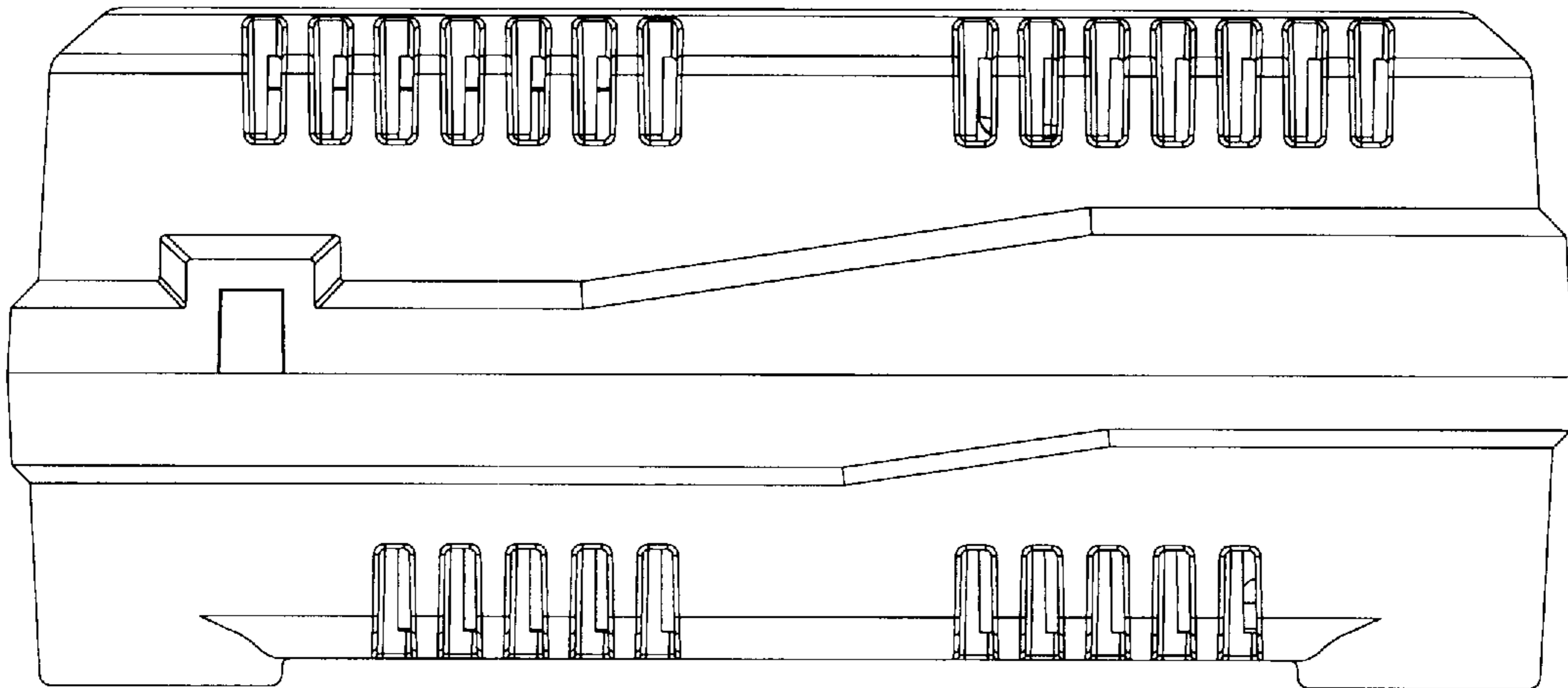


FIG. 4

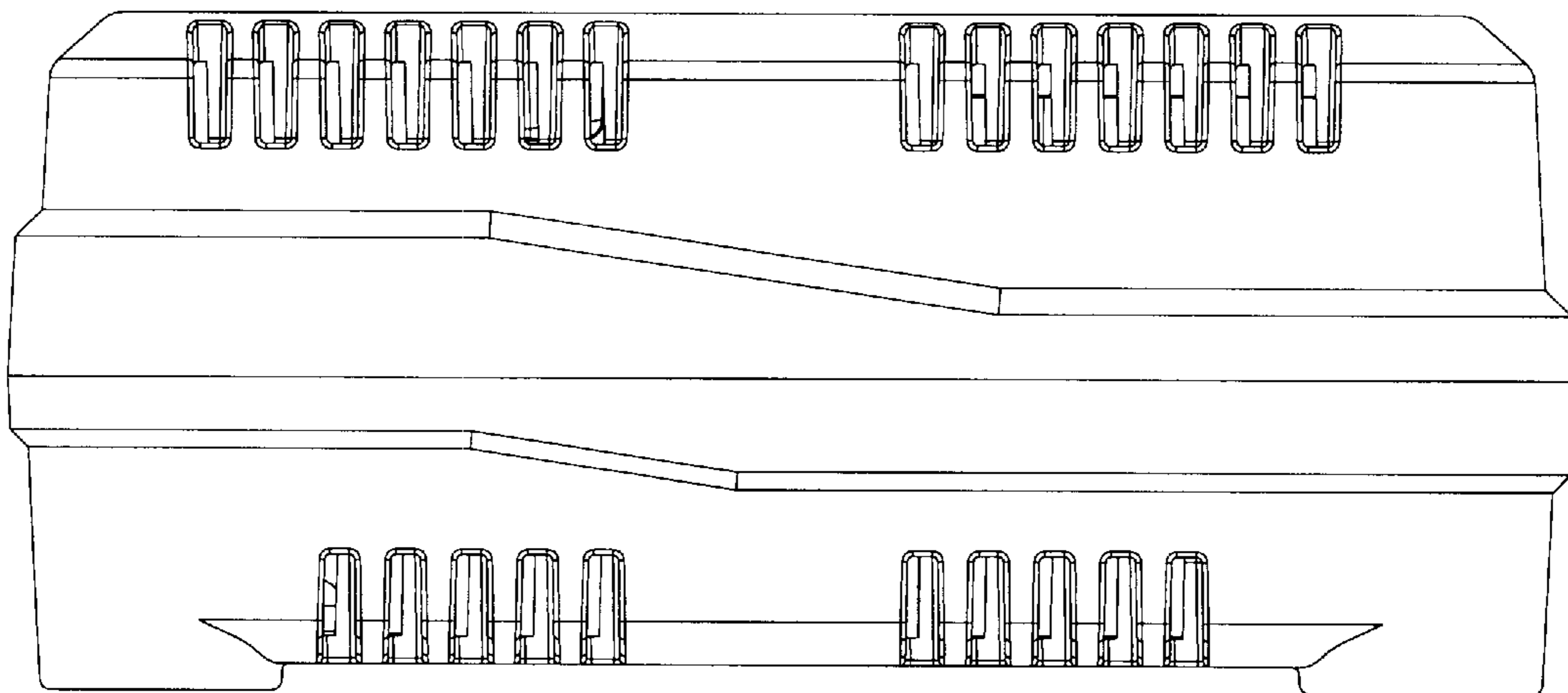


FIG. 5

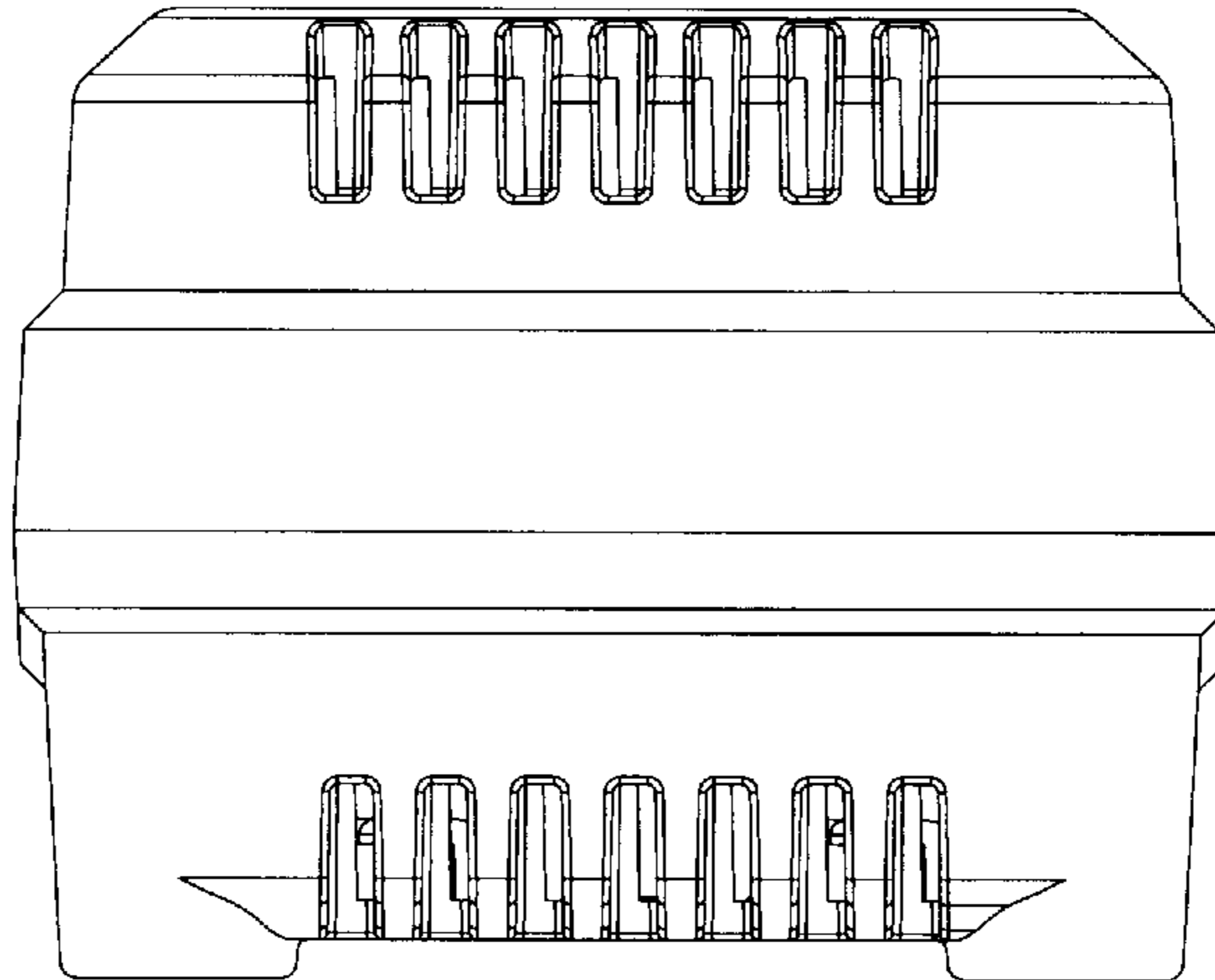


FIG. 6

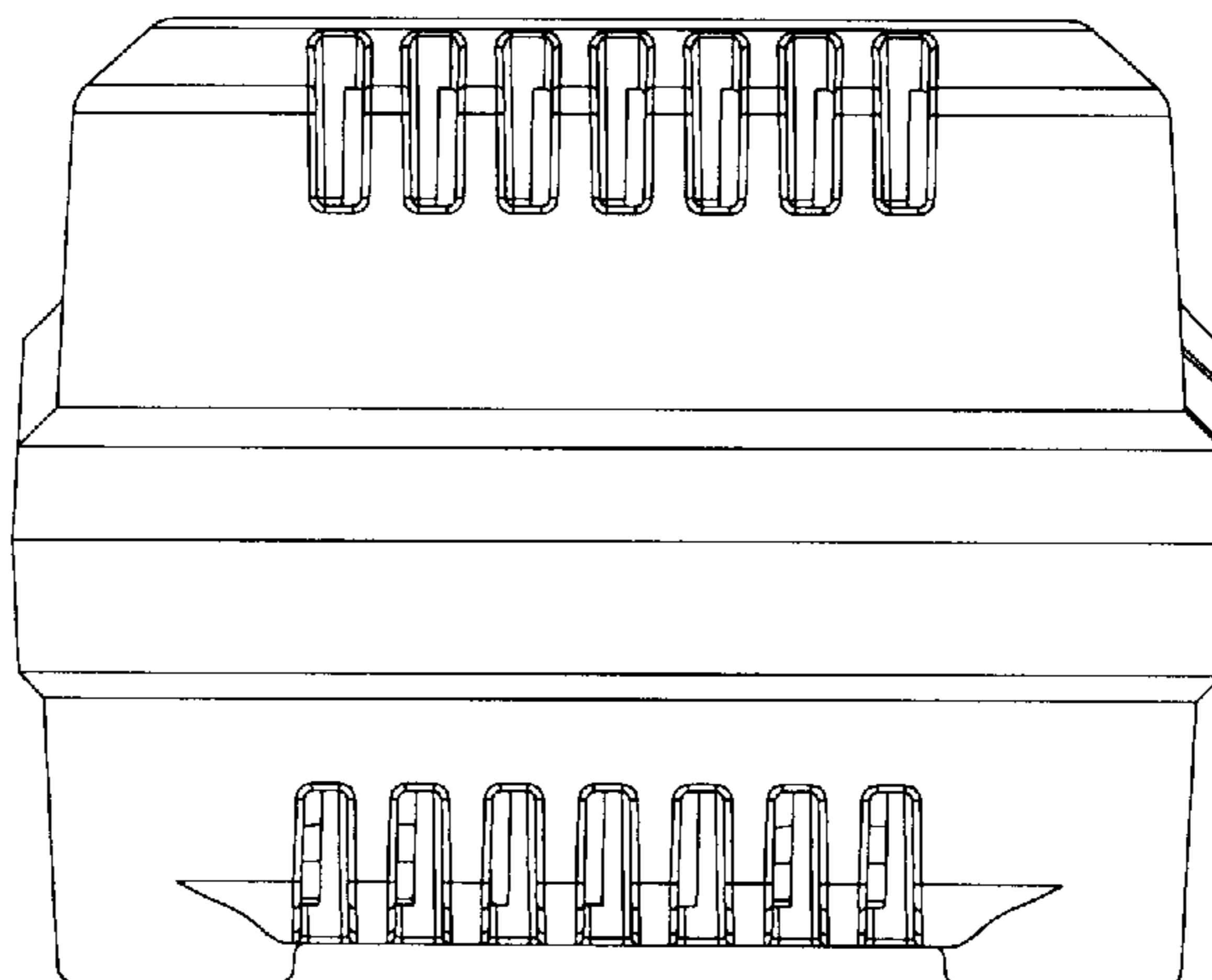


FIG. 7

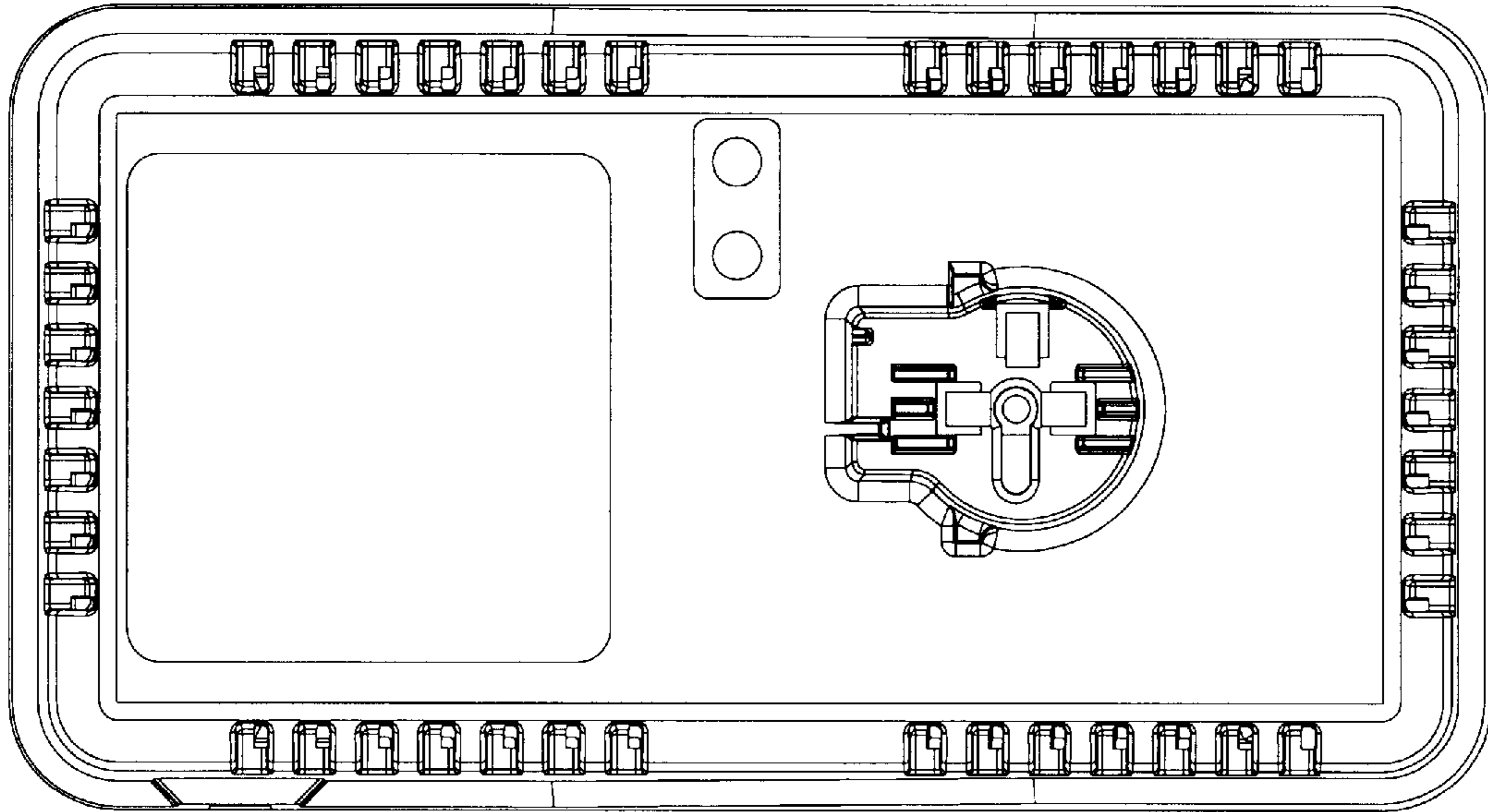


FIG. 8

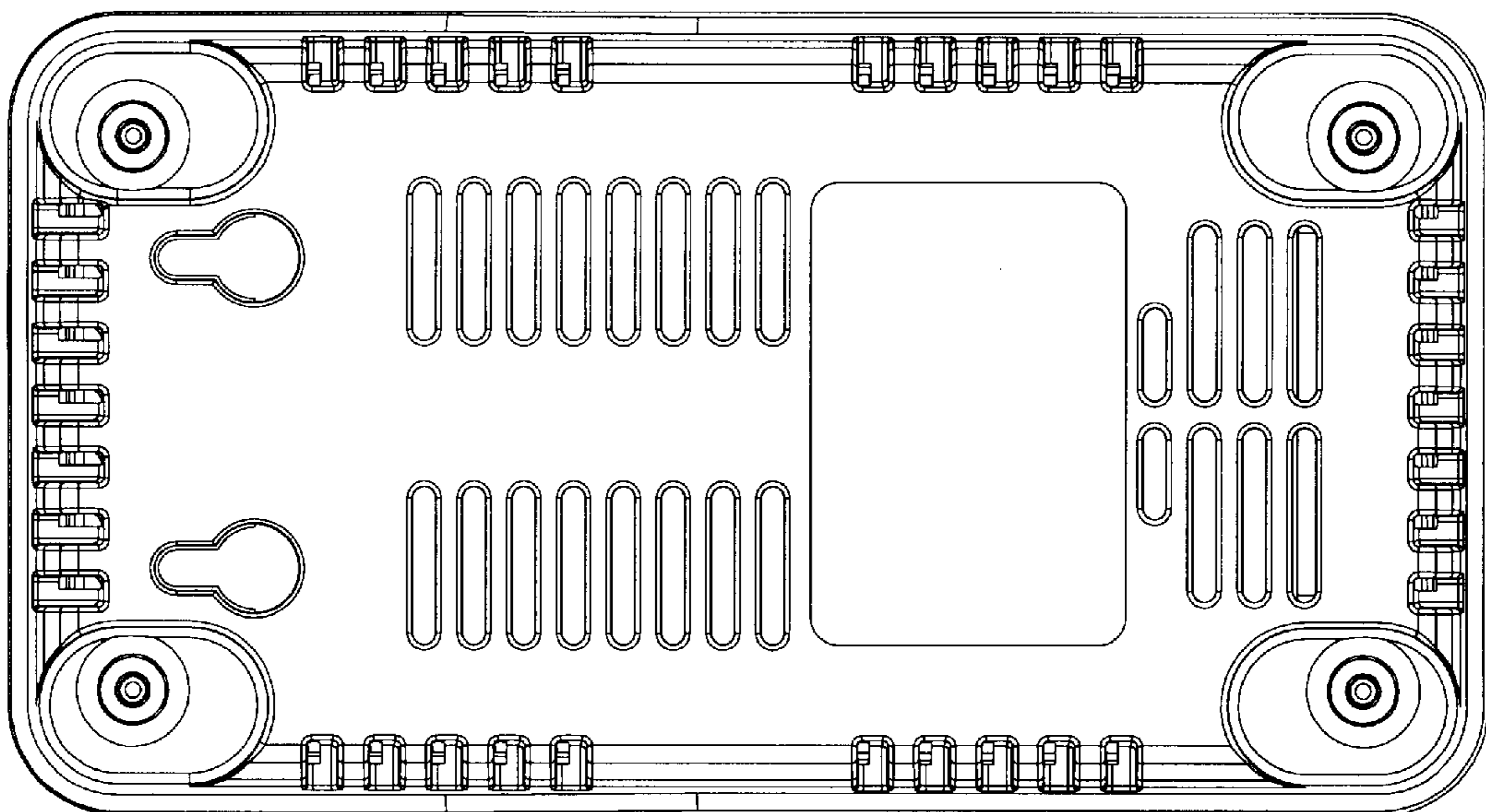


FIG. 9

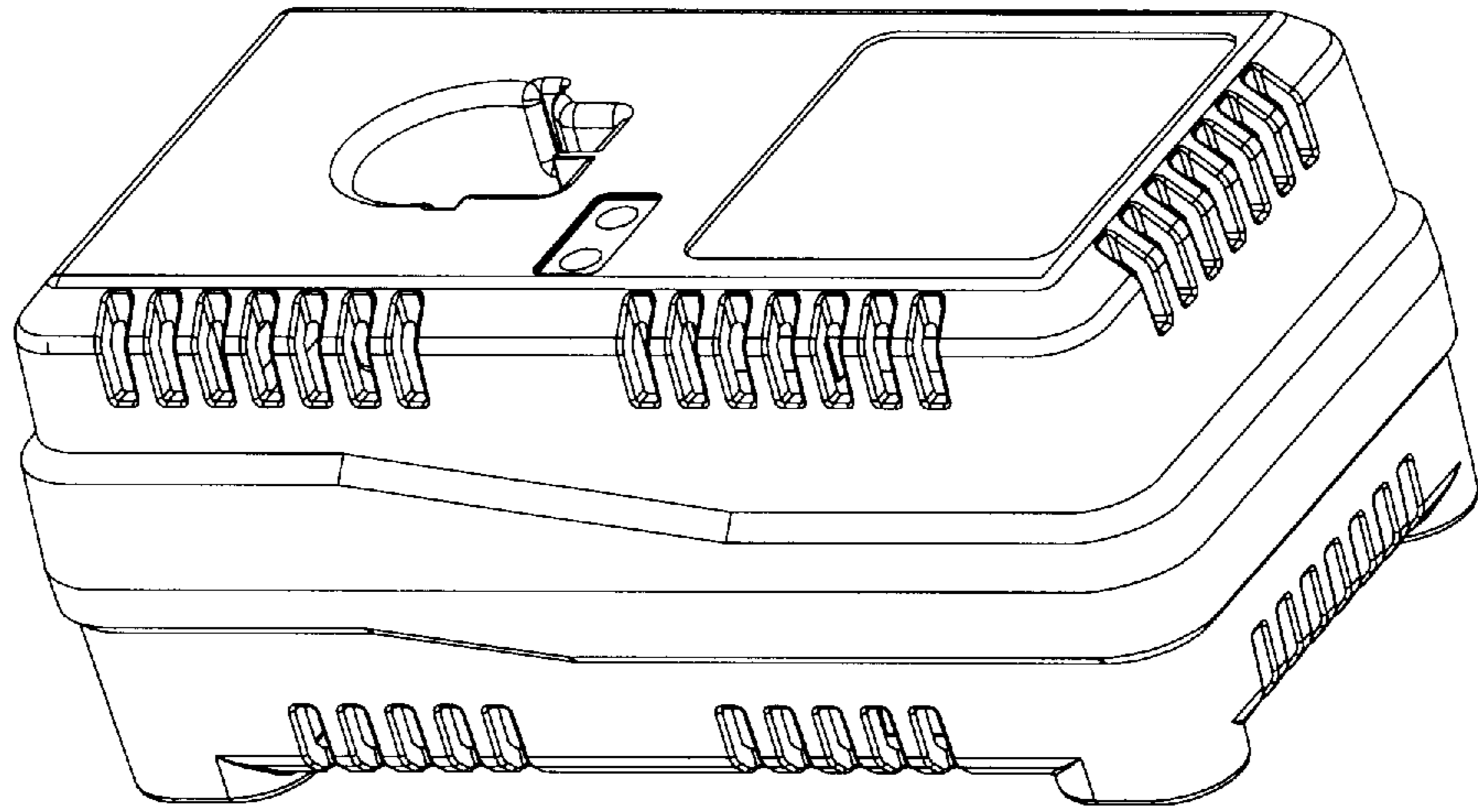


FIG. 10

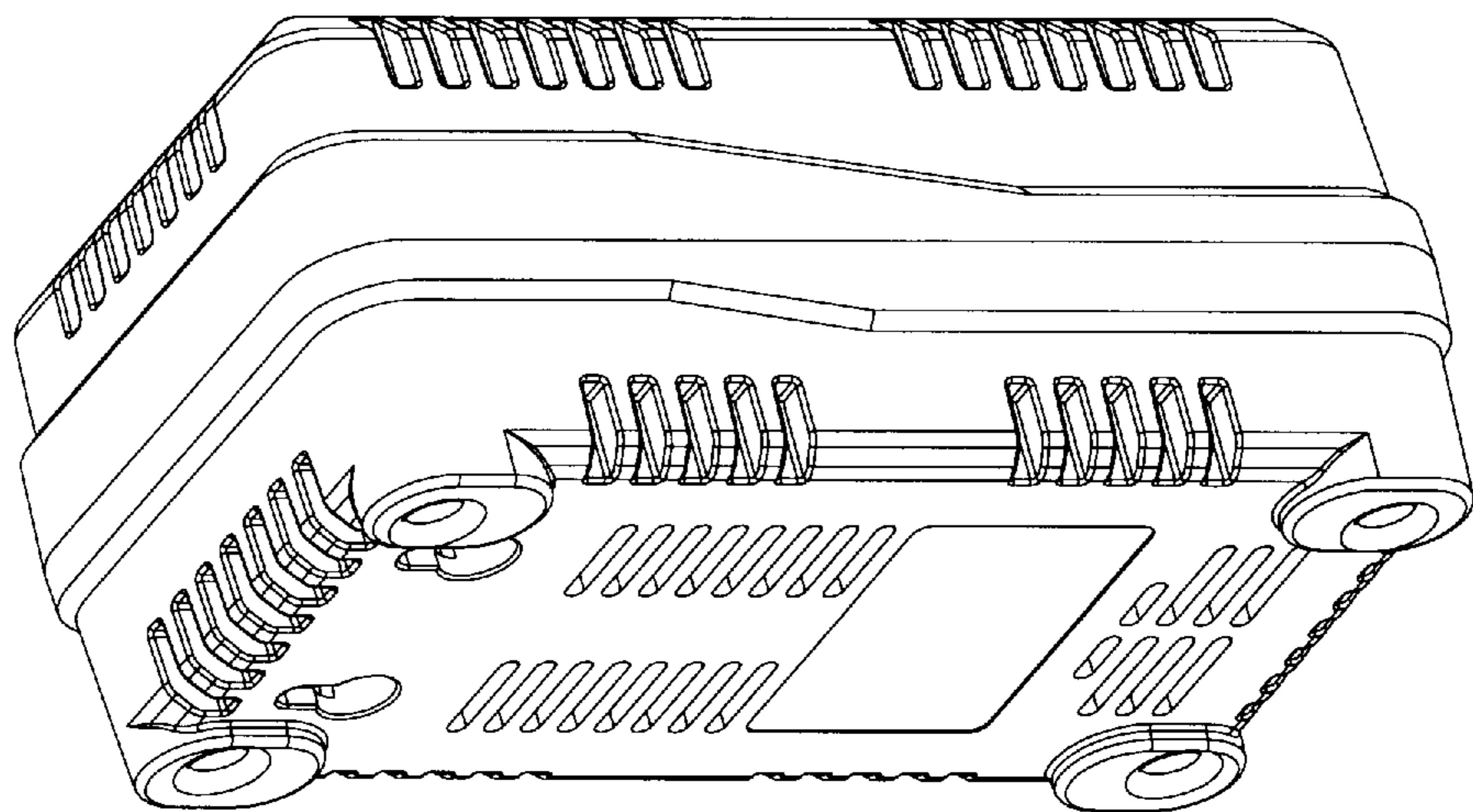


FIG. 11

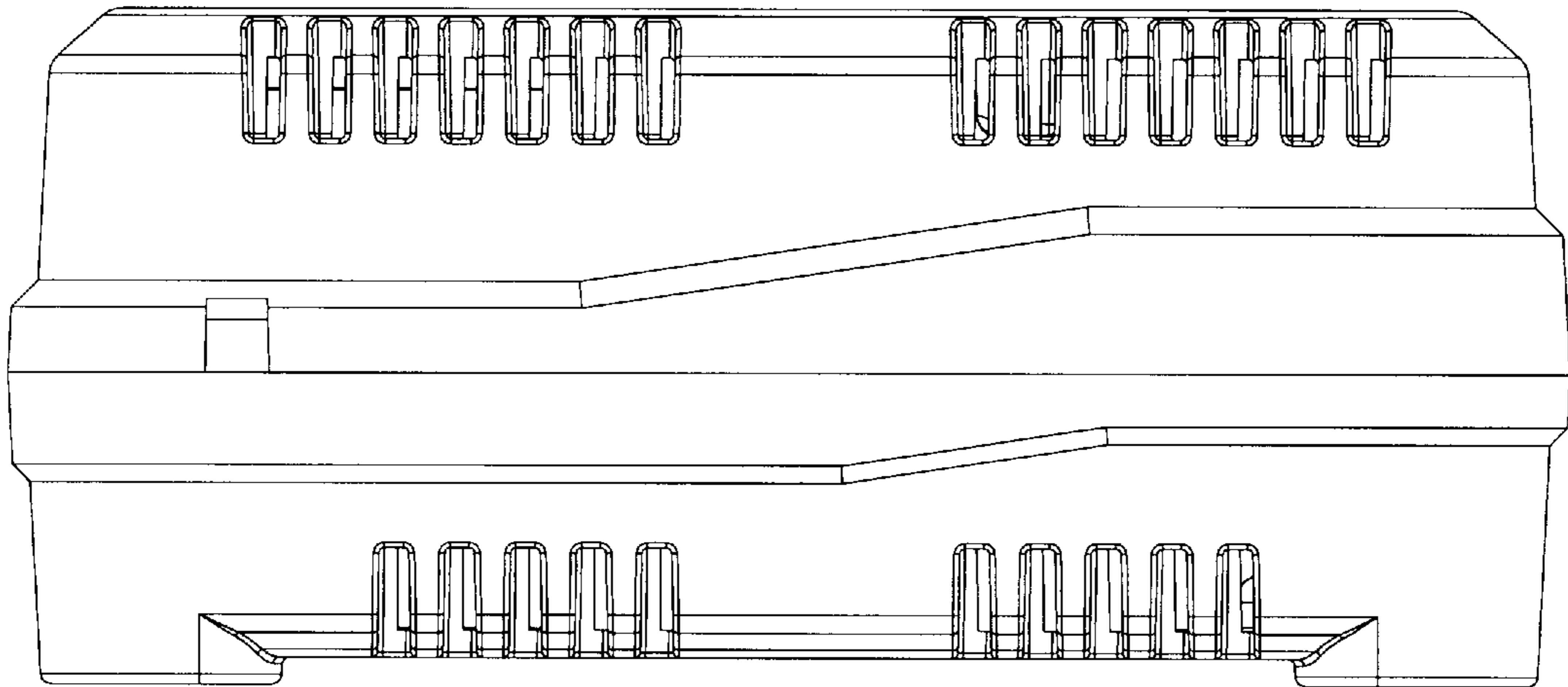


FIG. 12

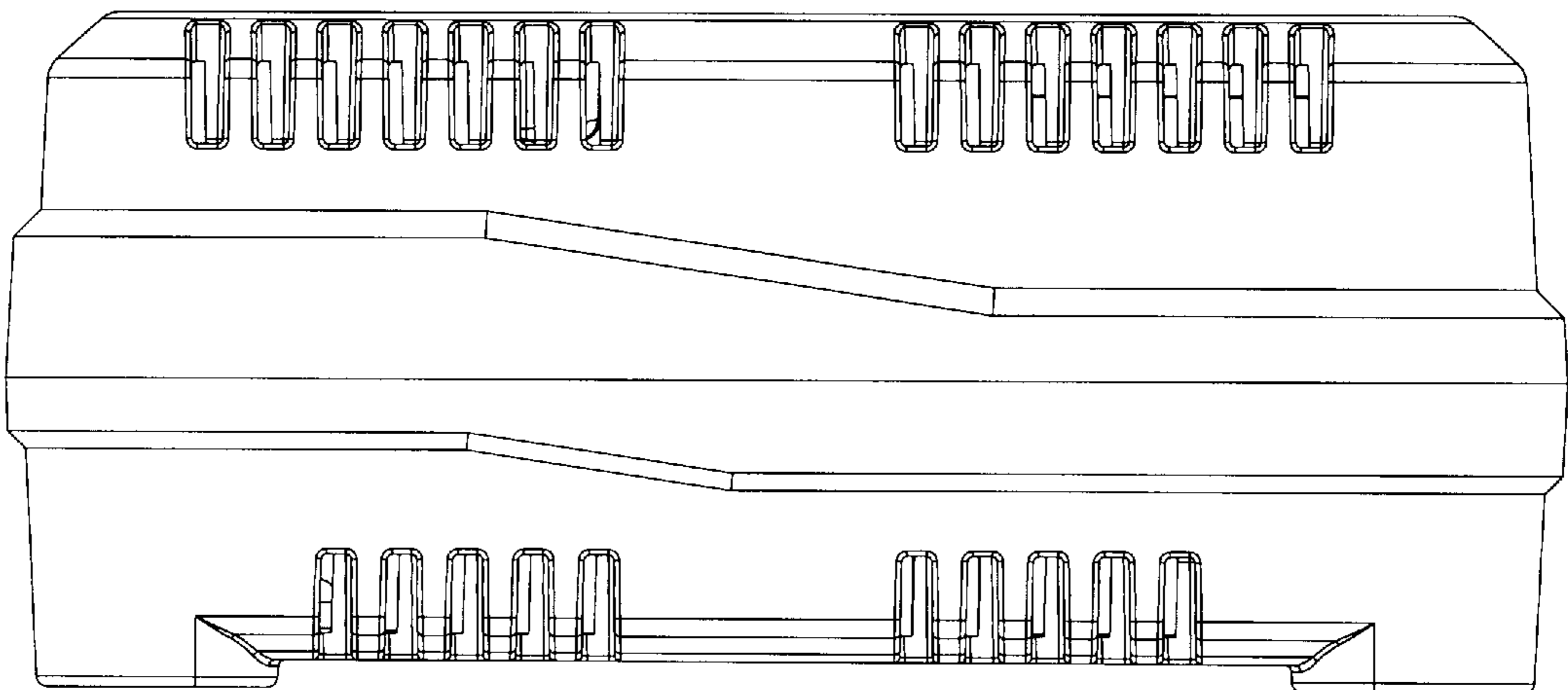


FIG. 13

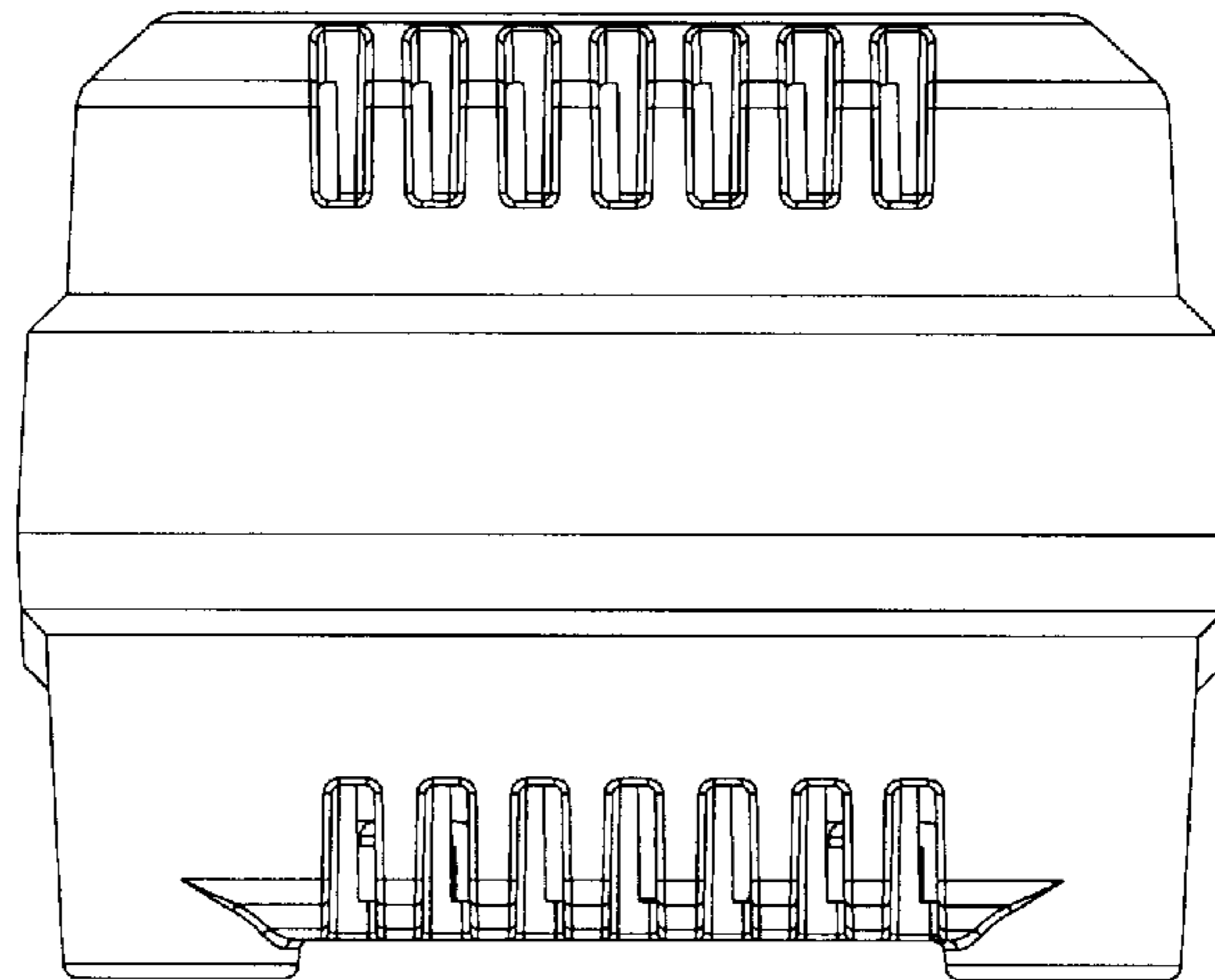


FIG. 14

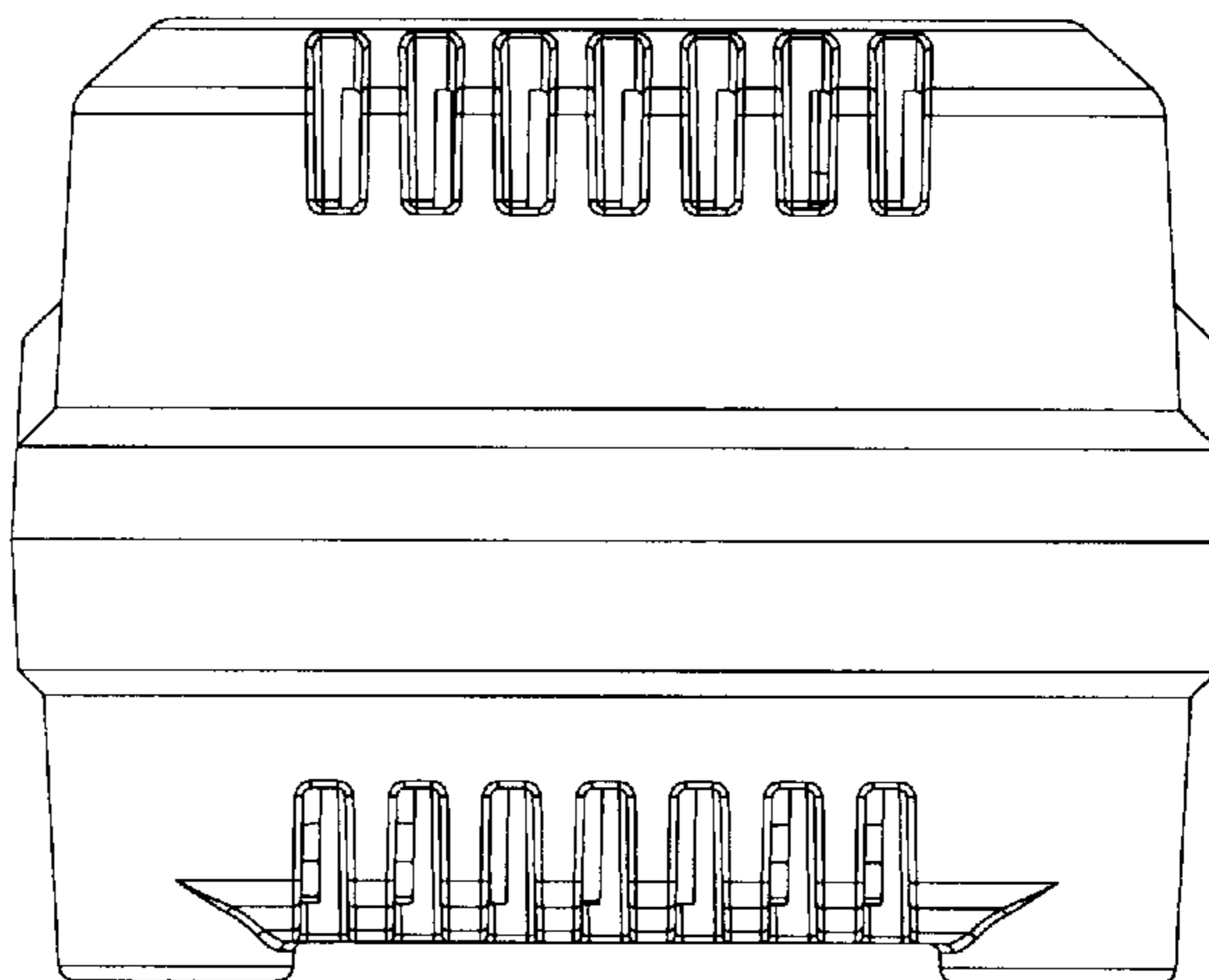


FIG. 15

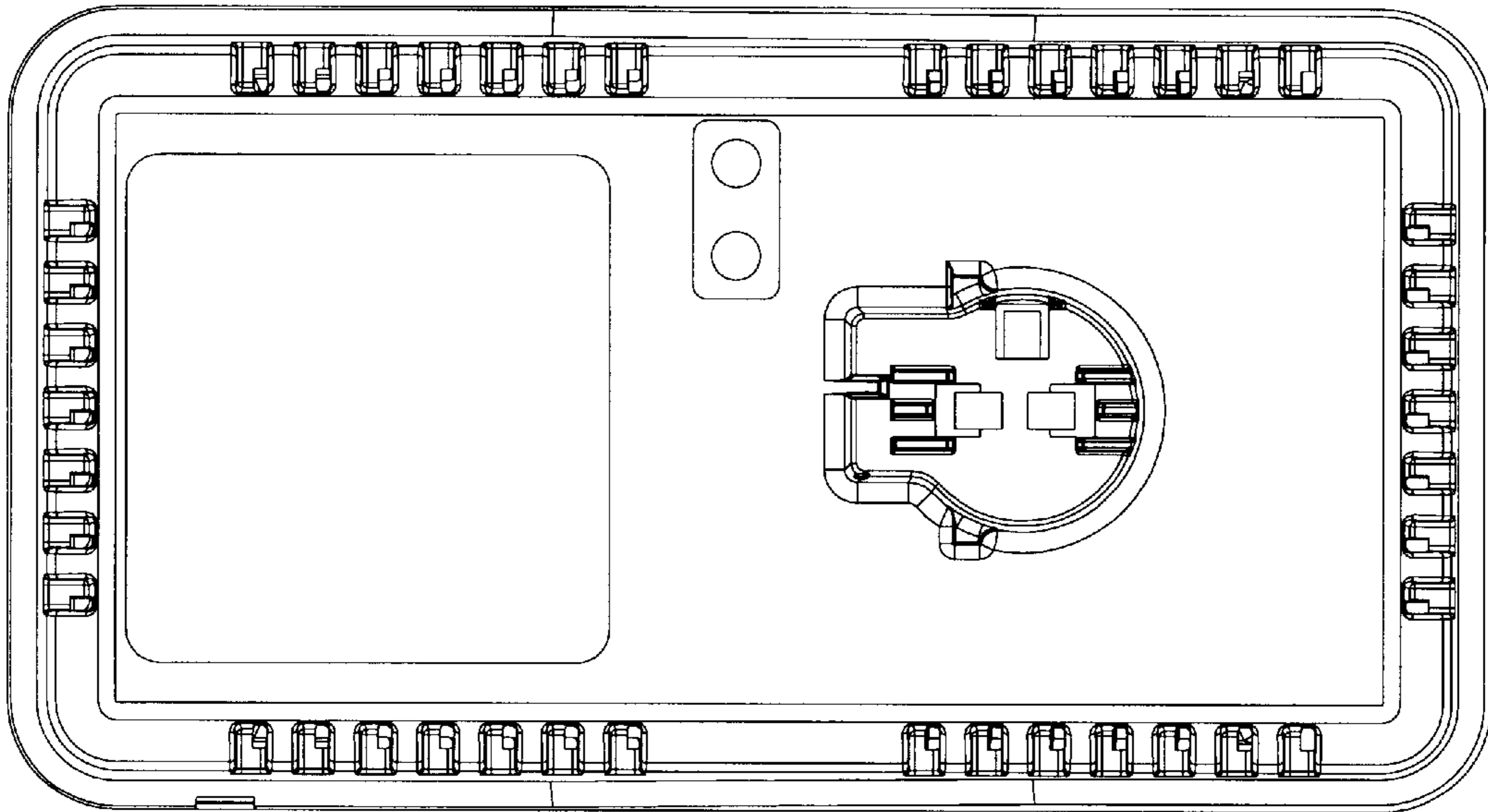
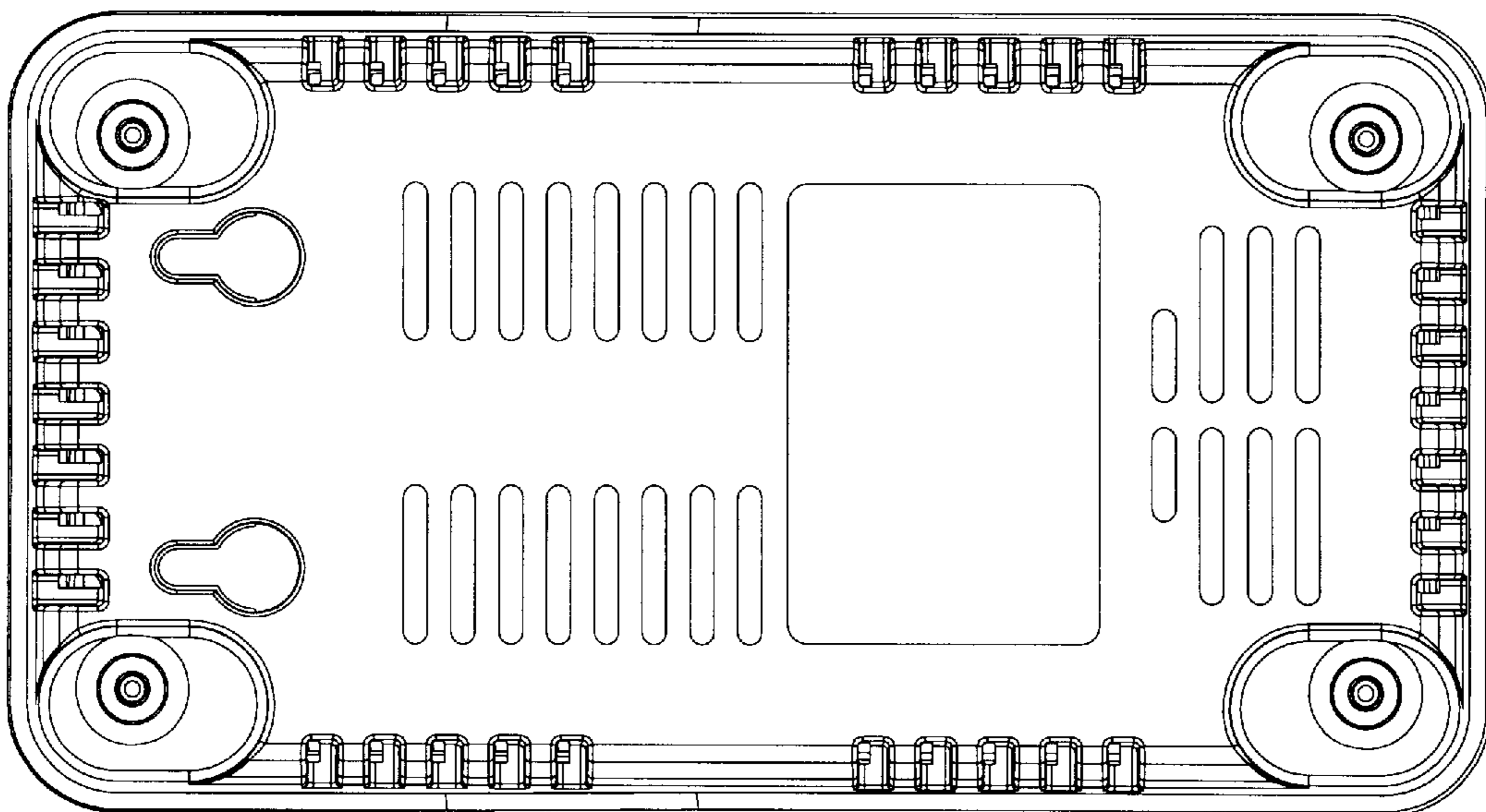


FIG. 16



UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : **Des. 404,006**

DATED : **JANUARY 12, 1999**

INVENTOR(S) : **CLOWERS ET AL.**

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title Page, [57] Description: "FIG. 3 is right elevational view the" should read —FIG. 3 is a right elevational view of the—

[57] Description: "FIG. 11 is right" should read —FIG. 11 is a right—

Signed and Sealed this
Twentieth Day of July, 1999

Attest:



Q. TODD DICKINSON

Attesting Officer

Acting Commissioner of Patents and Trademarks