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(12) **United States Design Patent** (10) **Patent No.:** **US D771,510 S**  
**Henderson et al.** (45) **Date of Patent:** **\*\* \*Nov. 15, 2016**

(54) **OPTICAL GAS SENSOR**

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(\*) Notice: This patent is subject to a terminal disclaimer.

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

(21) Appl. No.: **29/472,327**

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(51) **LOC (10) Cl.** ..... **10-04**

(52) **U.S. Cl.**  
USPC ..... **D10/81**

(58) **Field of Classification Search**  
USPC ..... D10/81  
CPC ..... G01N 21/75; G01N 21/783; G01N 21/3504; G01N 21/77; G01N 21/532; G01N 21/17; G01N 21/031; G01N 21/0303; G01N 21/09; G01N 21/61; G01N 2021/7786; G01N 2021/0378; G01N 2021/058; G01N 2201/062

See application file for complete search history.

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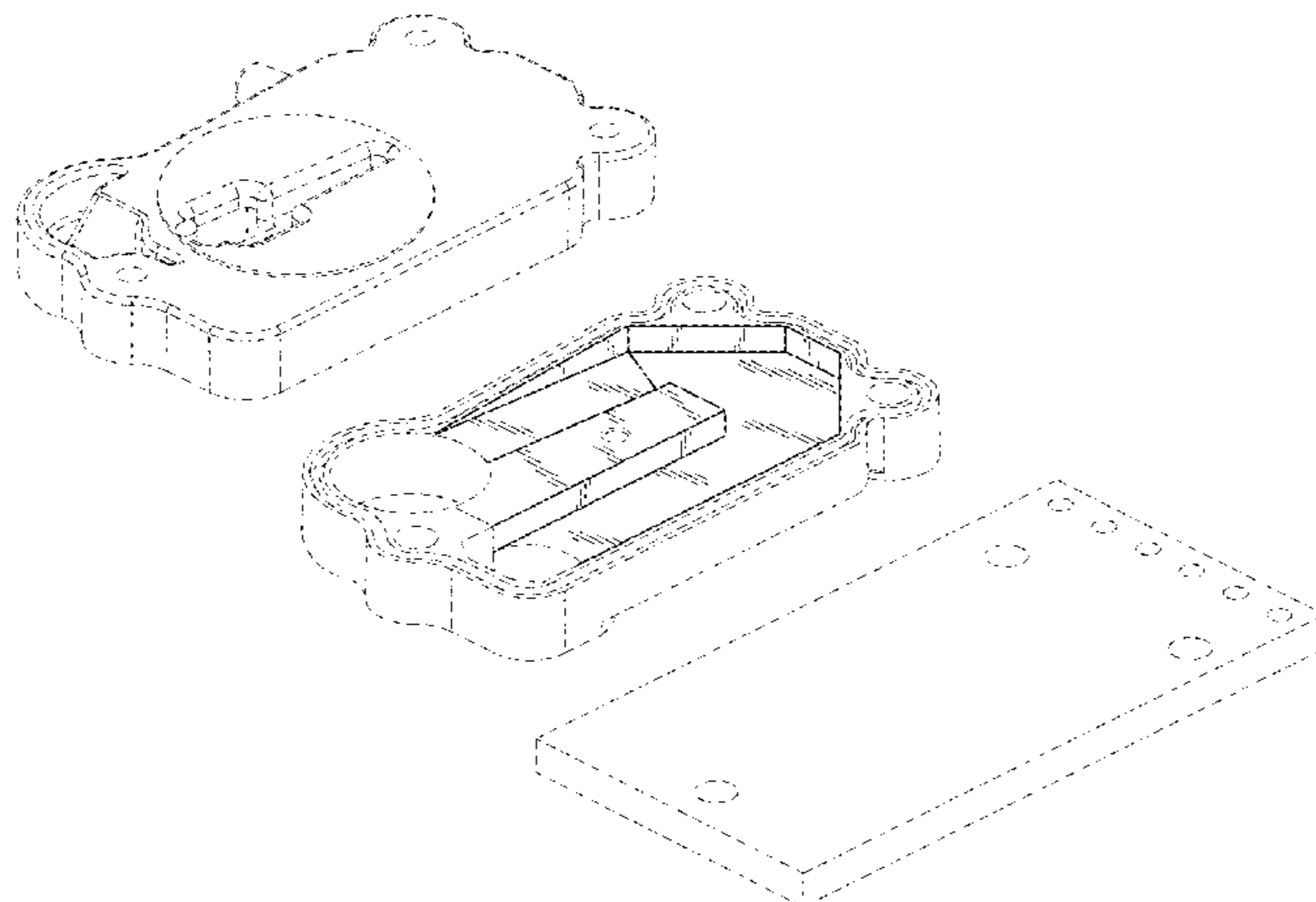
(57) **CLAIM**

The ornamental design for an optical gas sensor, as shown and described.

**DESCRIPTION**

FIG. 1 is a top perspective view of the ornamental design of the optical gas sensor, illustrating upper and lower portions of the optical gas sensor mounted on a circuit board;  
FIG. 2 is an exploded top perspective view of the ornamental design of the optical gas sensor of FIG. 1, illustrating a first portion of a waveguide along the lower portion of the optical gas sensor;  
FIG. 3 is an exploded bottom perspective view of the ornamental design of the optical gas sensor of FIG. 1, illustrating a second portion of the waveguide along the upper portion of the optical gas sensor;  
FIG. 4 is an exploded top elevational view of the ornamental design of the optical gas sensor of FIG. 1, illustrating the first portion of the waveguide along the lower portion of the optical gas sensor;  
FIG. 5 is an exploded bottom elevational view of the ornamental design of the optical gas sensor of FIG. 1, illustrating the second portion of the waveguide along the upper portion of the optical gas sensor;  
FIG. 6 is an exploded right side elevational view of the ornamental design of the optical gas sensor of FIG. 1;  
FIG. 7 is an exploded left side elevational view of the ornamental design of the optical gas sensor of FIG. 1;  
FIG. 8 is an exploded rear view elevational view of the ornamental design of the optical gas sensor of FIG. 1; and, FIG. 9 is an exploded front elevational view of the ornamental design of the optical gas sensor of FIG. 1.  
In these drawings, the solid lines illustrate the claimed ornamental design, whereas the broken lines illustrate environmental features that form no part of the claimed ornamental design.

**1 Claim, 8 Drawing Sheets**



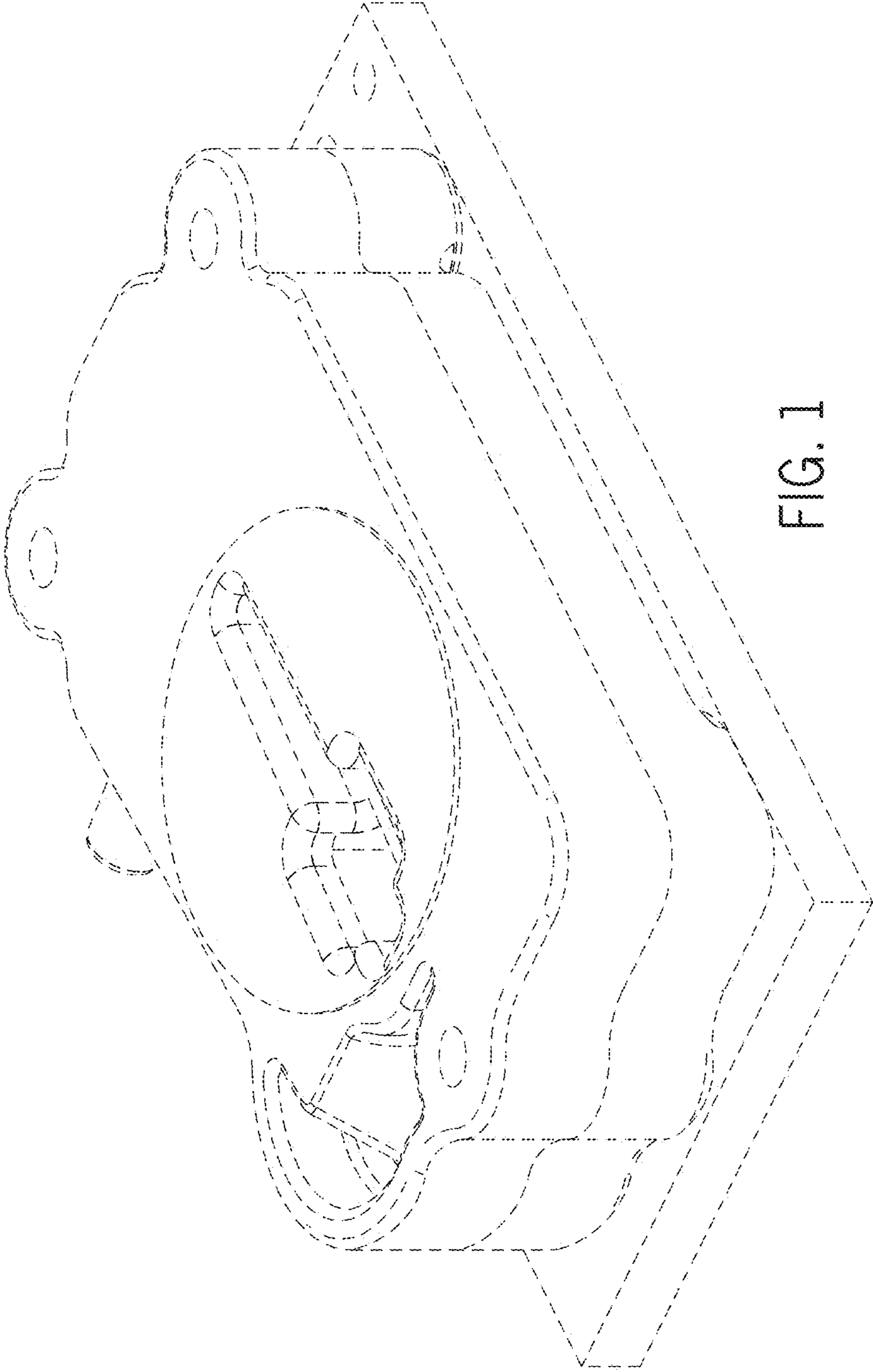
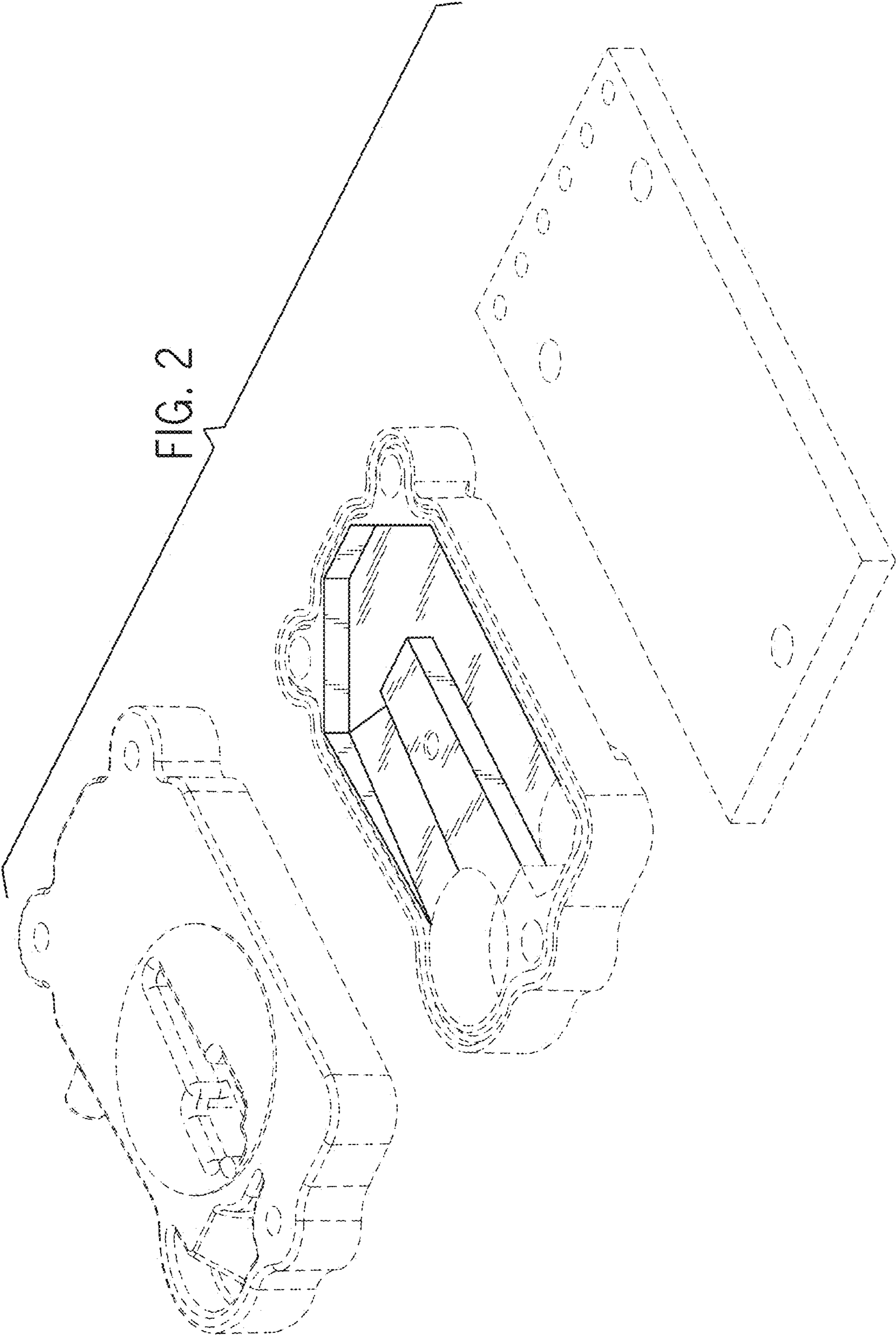


FIG. 1



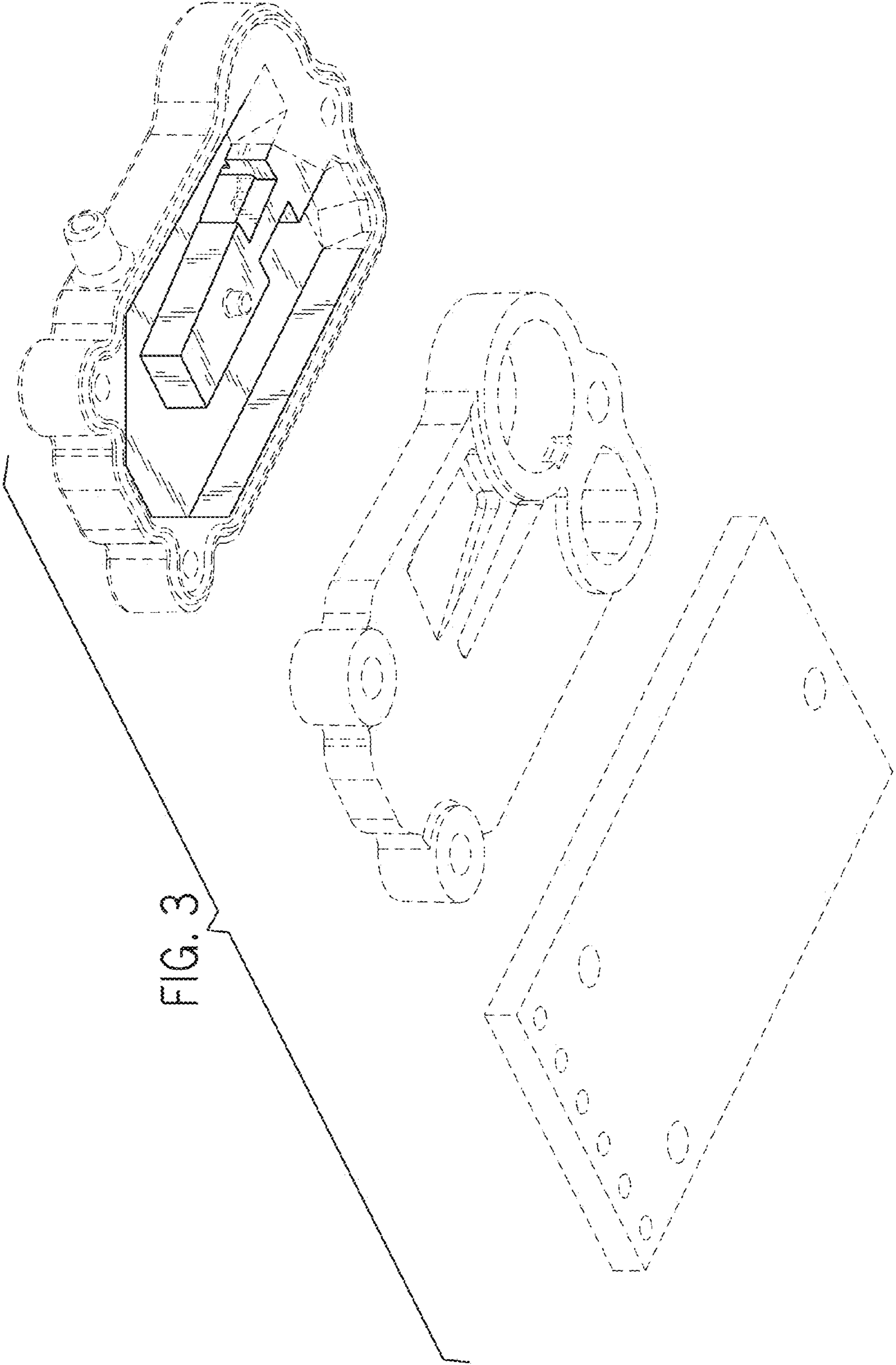


FIG. 4

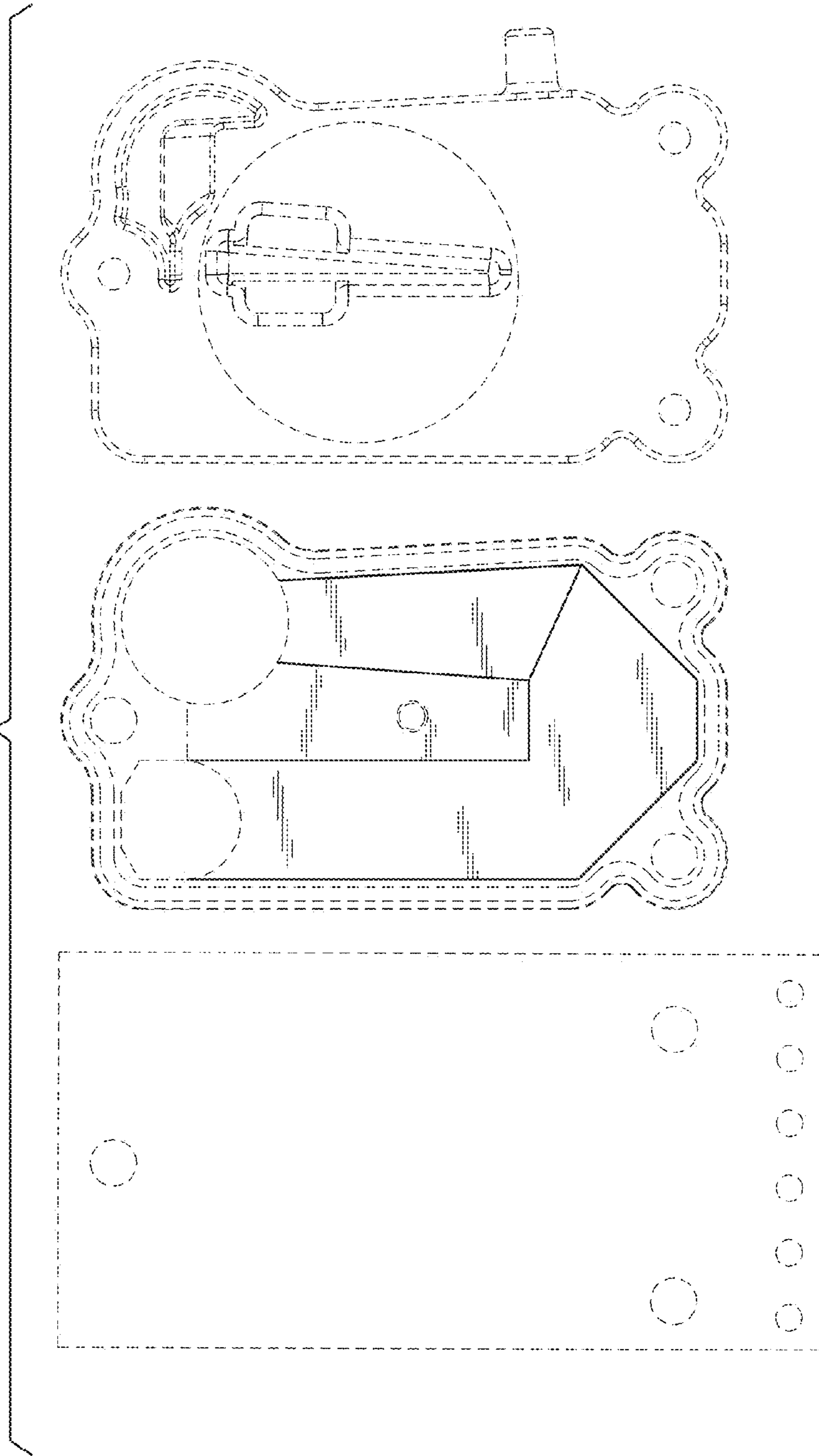
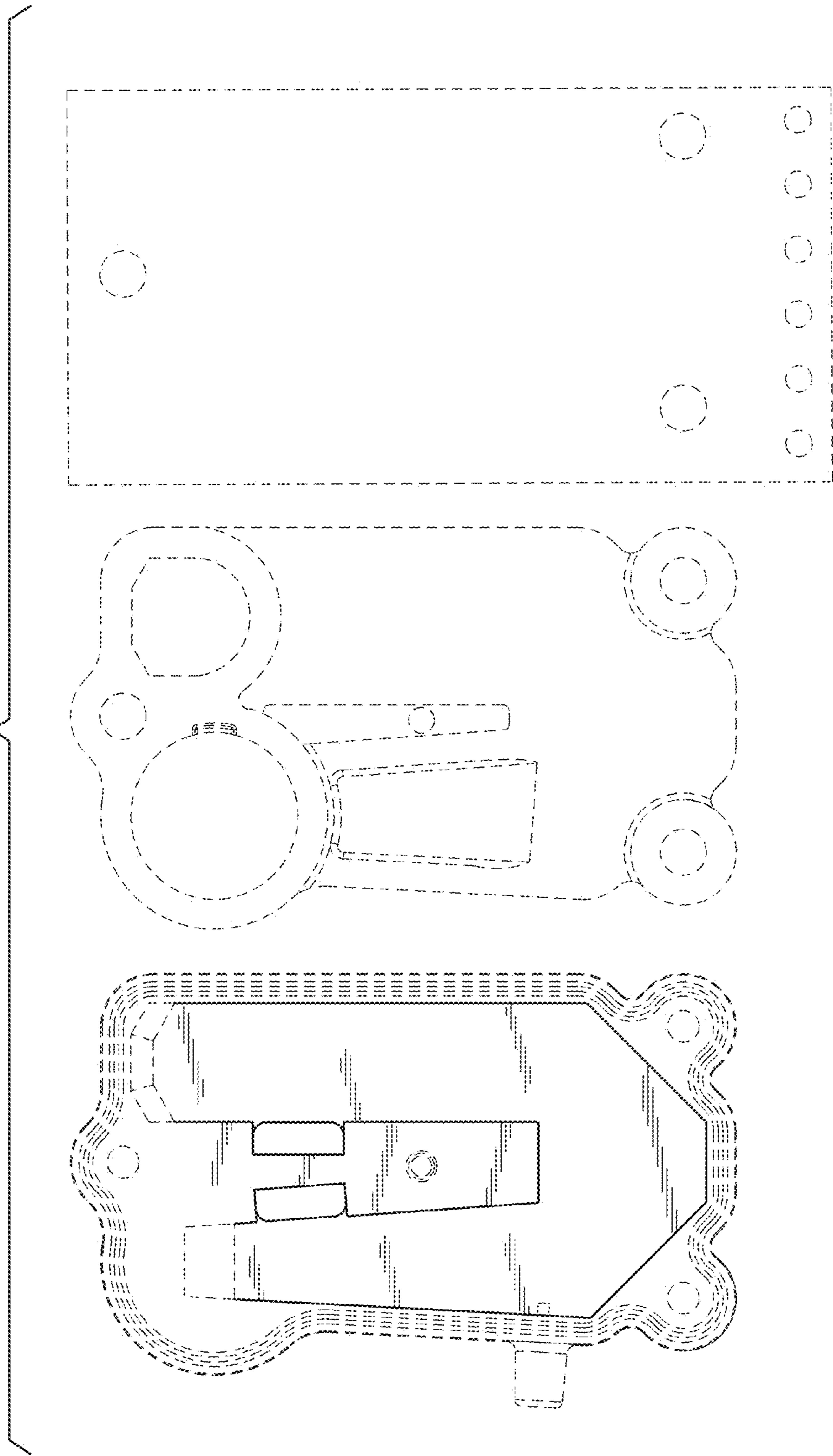


FIG. 5



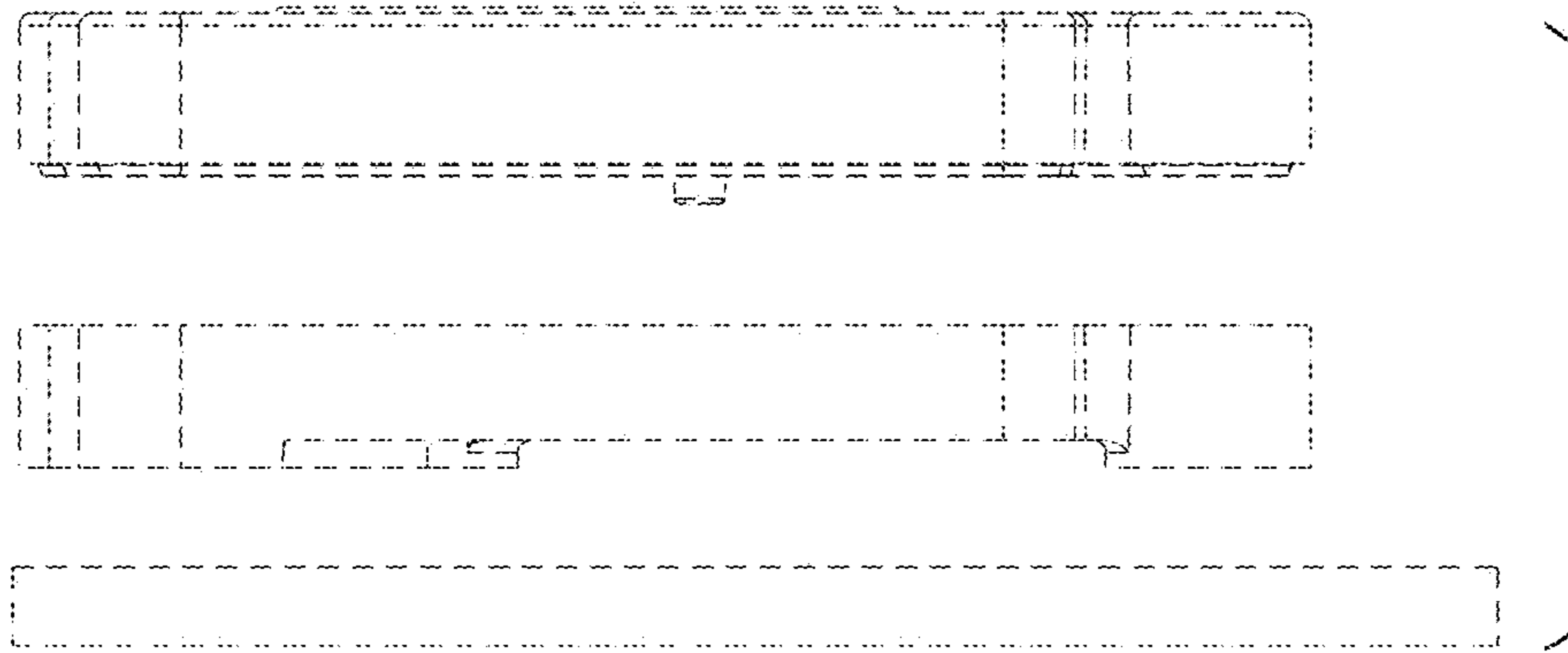


FIG. 6

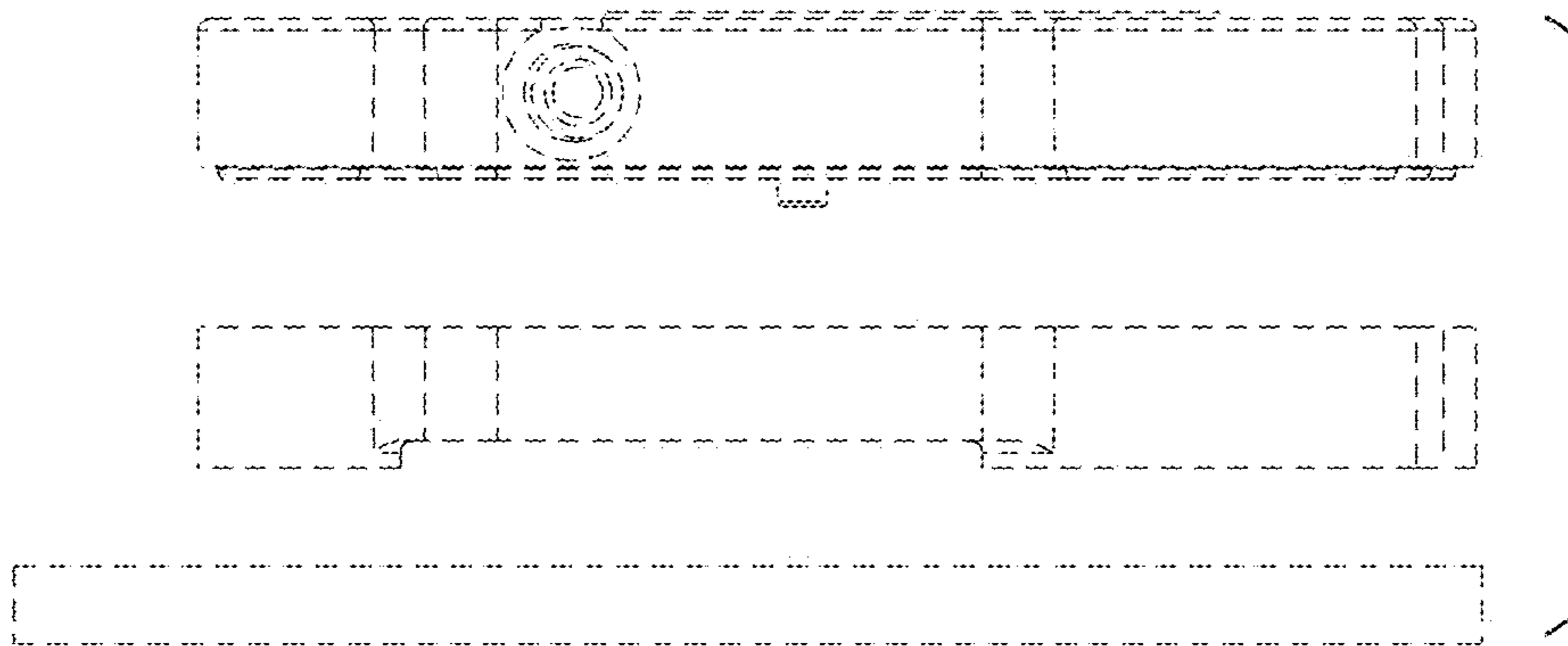


FIG. 7

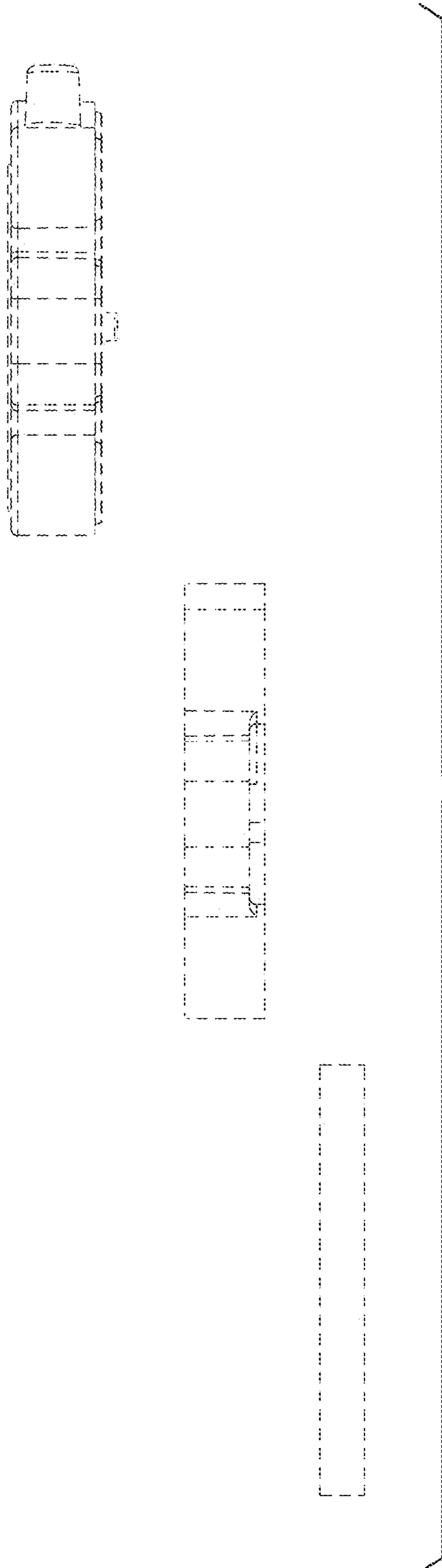


FIG. 8



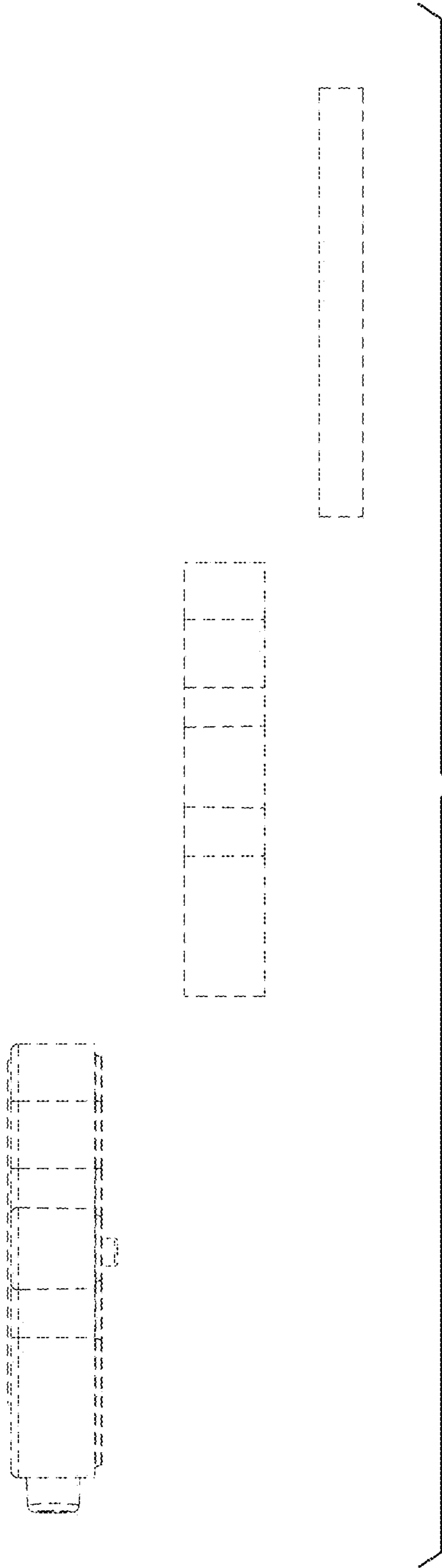


FIG. 9