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(12) **United States Design Patent** (10) **Patent No.:** **US D969,171 S**  
**Nishida et al.** (45) **Date of Patent:** **\*\* Nov. 8, 2022**

(54) **ROTARY PUMP**

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(73) Assignee: **TAIHO KOGYO CO., LTD.**, Toyota (JP)

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

(21) Appl. No.: **29/699,076**

(22) Filed: **Jul. 23, 2019**

**Related U.S. Application Data**

(62) Division of application No. 29/599,024, filed on Mar. 30, 2017, now Pat. No. Des. 875,141.

(30) **Foreign Application Priority Data**

Sep. 30, 2016	(JP)	2016-021345
Sep. 30, 2016	(JP)	2016-021346
Feb. 13, 2017	(JP)	2017-002671
Feb. 13, 2017	(JP)	2017-002672
Feb. 13, 2017	(JP)	2017-002673
Feb. 13, 2017	(JP)	2017-002674
Feb. 13, 2017	(JP)	2017-002675

(51) **LOC (13) Cl.** ..... **15-03**

(52) **U.S. Cl.**  
USPC ..... **D15/7**

(58) **Field of Classification Search**  
USPC ..... D15/7-9; D23/225, 231, 232  
CPC ..... F02M 37/04; F02M 37/14  
See application file for complete search history.

(56) **References Cited**

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(57) **CLAIM**

The ornamental design for a rotary pump, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view showing a rotary pump, showing our new design;

FIG. 2 is a front view thereof;

FIG. 3 is a rear view thereof;

FIG. 4 is a left side view thereof;

FIG. 5 is a right side view thereof;

FIG. 6 is a top plan view thereof;

FIG. 7 is a bottom plan view thereof; and,

FIG. 8 is a reference perspective view thereof.

The broken lines in the drawings are intended to show portions of the rotary pump that are not being claimed, and thus form no part of the claimed design. Alternate long and short dashed lines are intended to show a border between a portion that is claimed and a portion that is not claimed.

Areas inside rectangles which are arranged in a region other than a central area, which are shown in the front view of the claimed design, are slightly recessed.

**1 Claim, 4 Drawing Sheets**

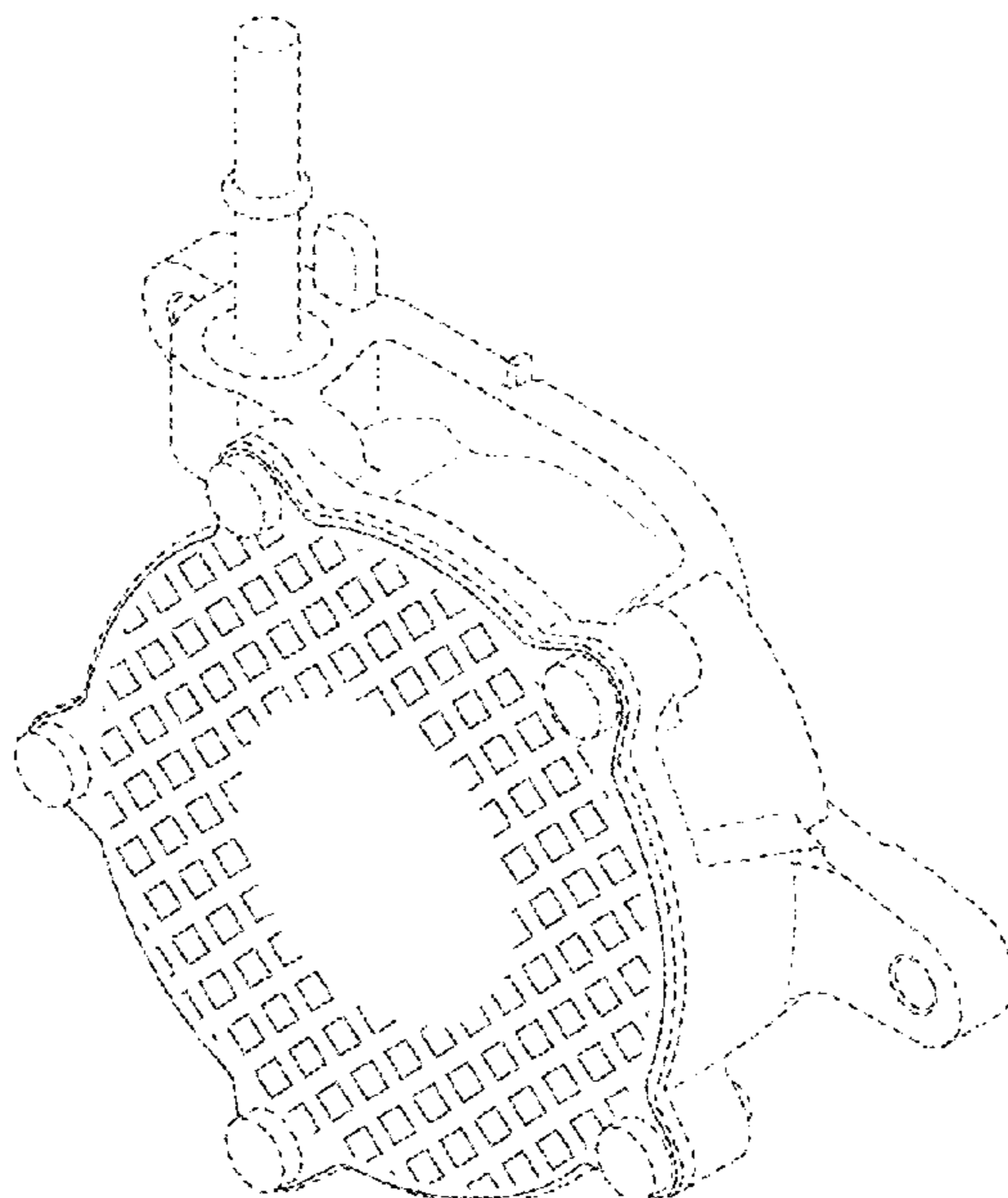


FIG. 1

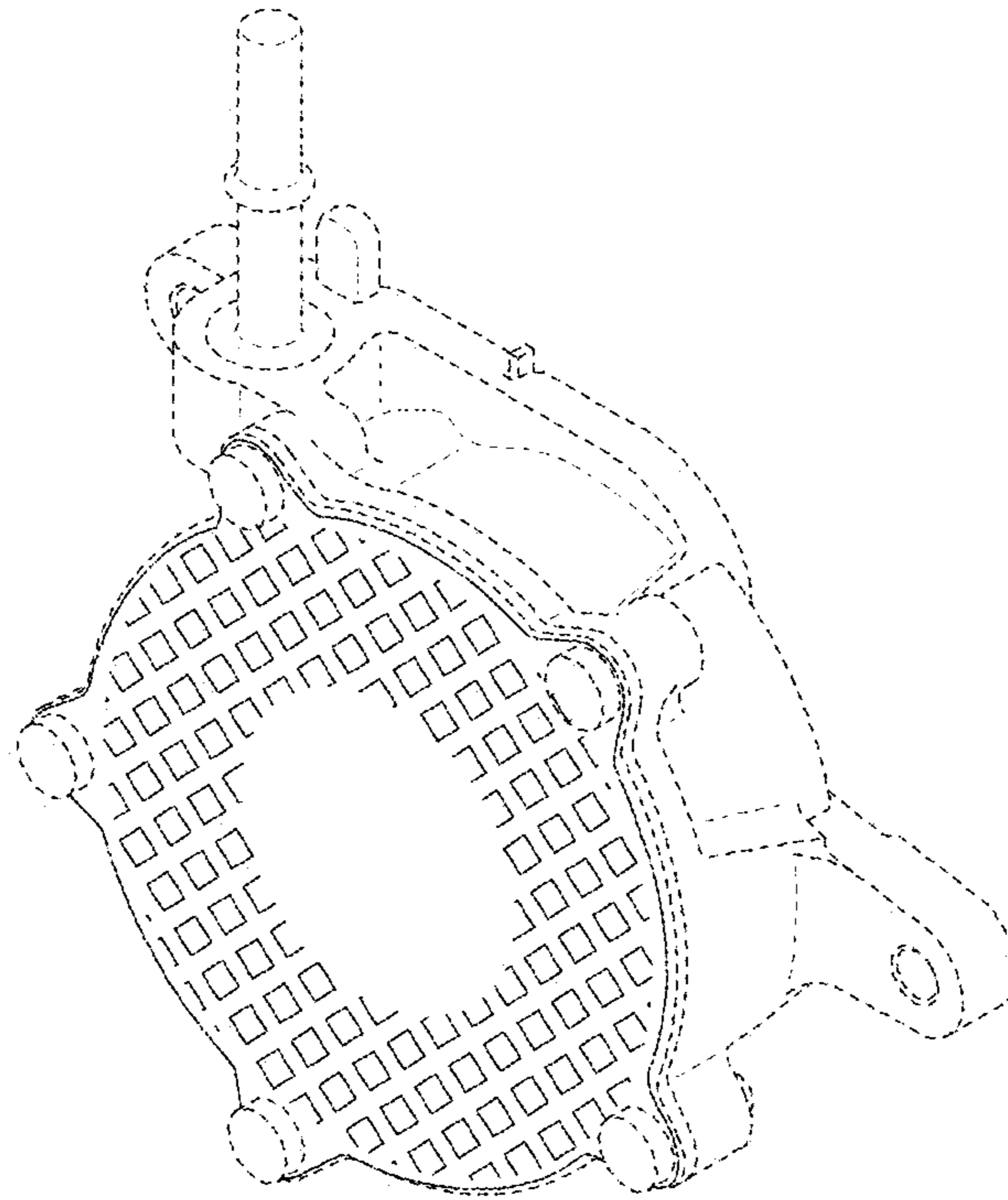


FIG. 2

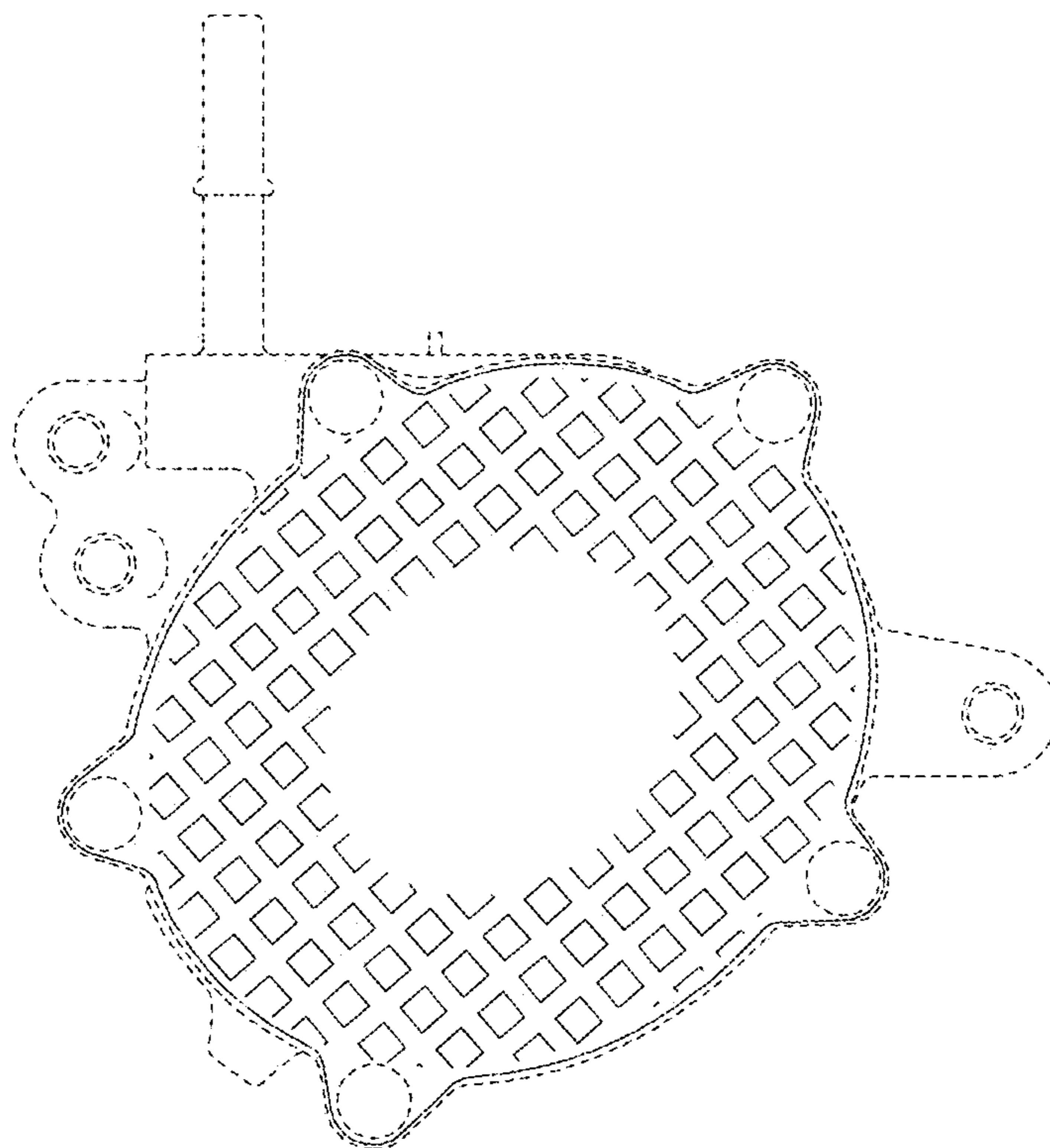


FIG. 3

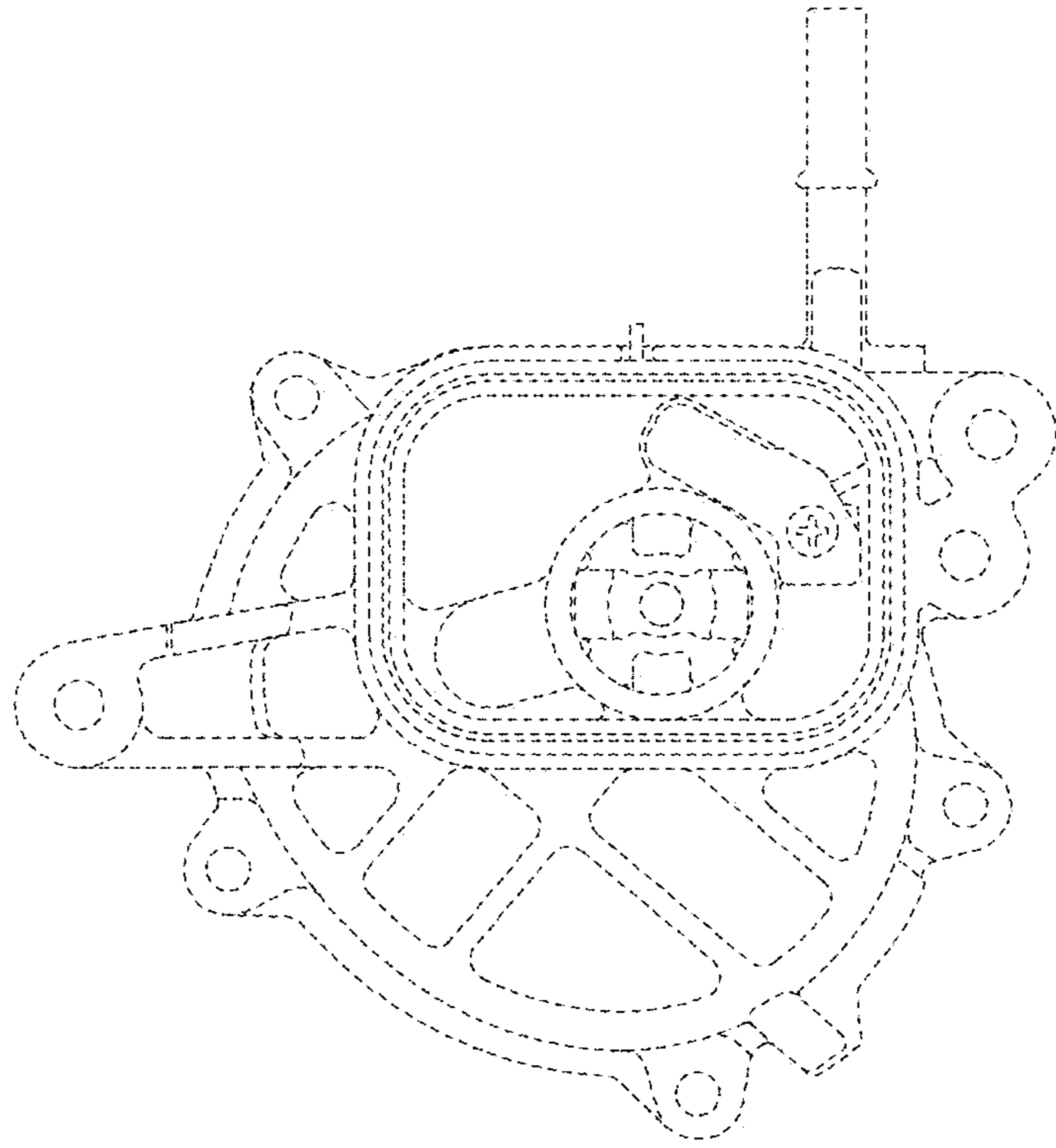


FIG. 4

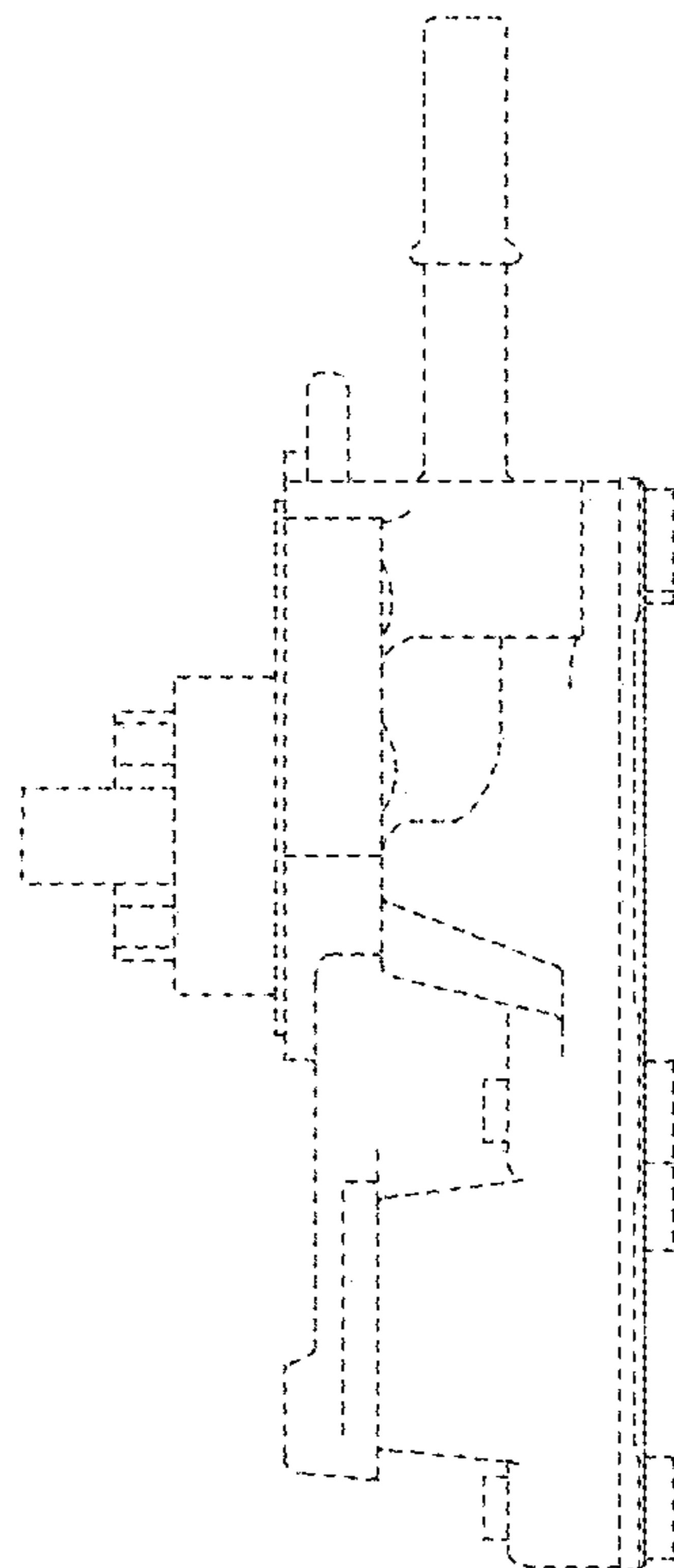


FIG. 5

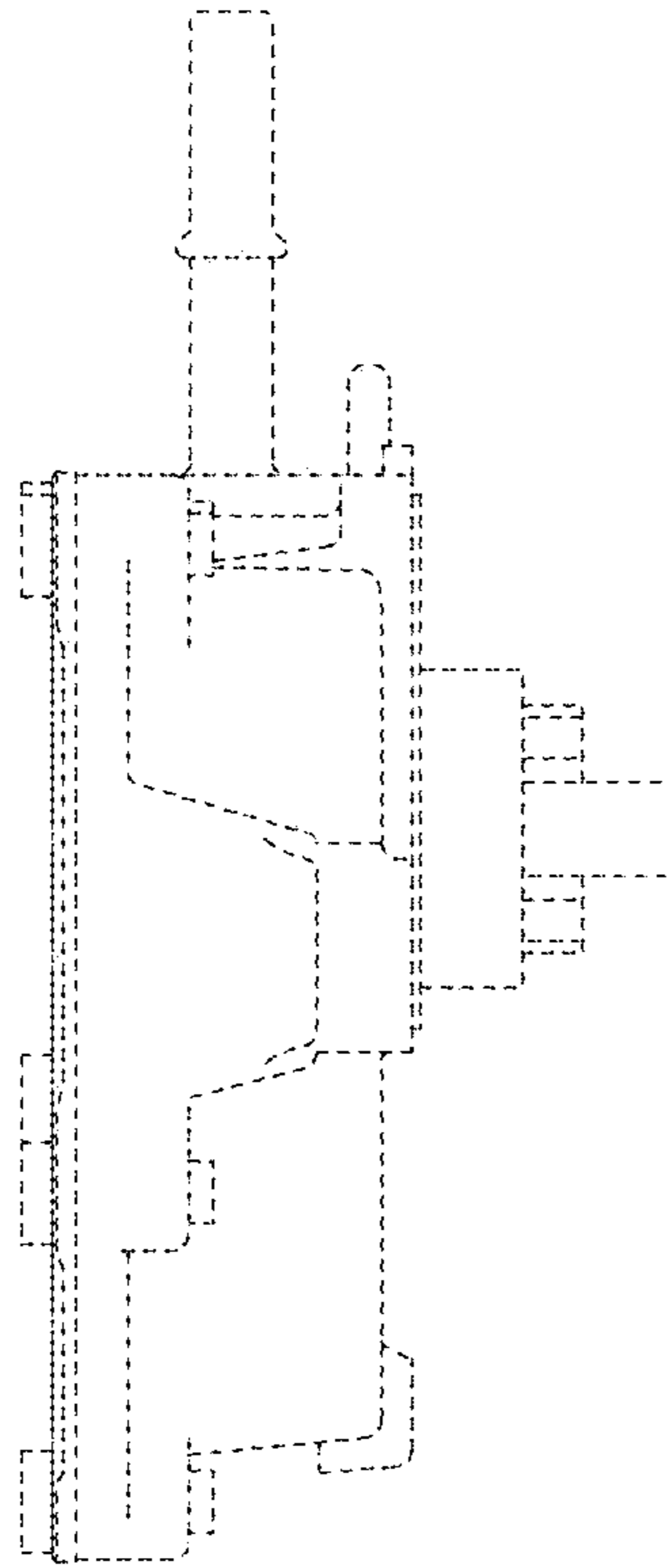


FIG. 6

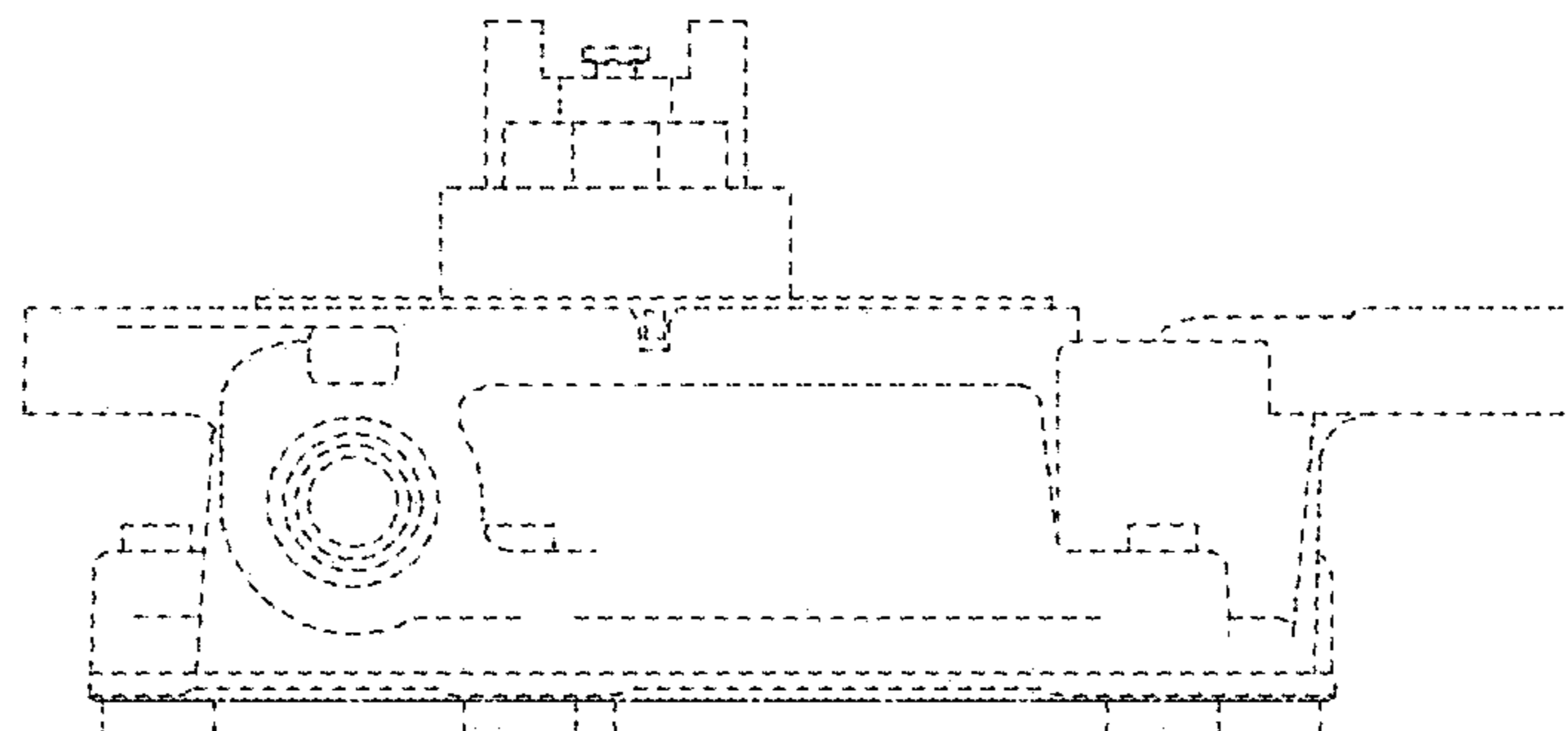


FIG. 7

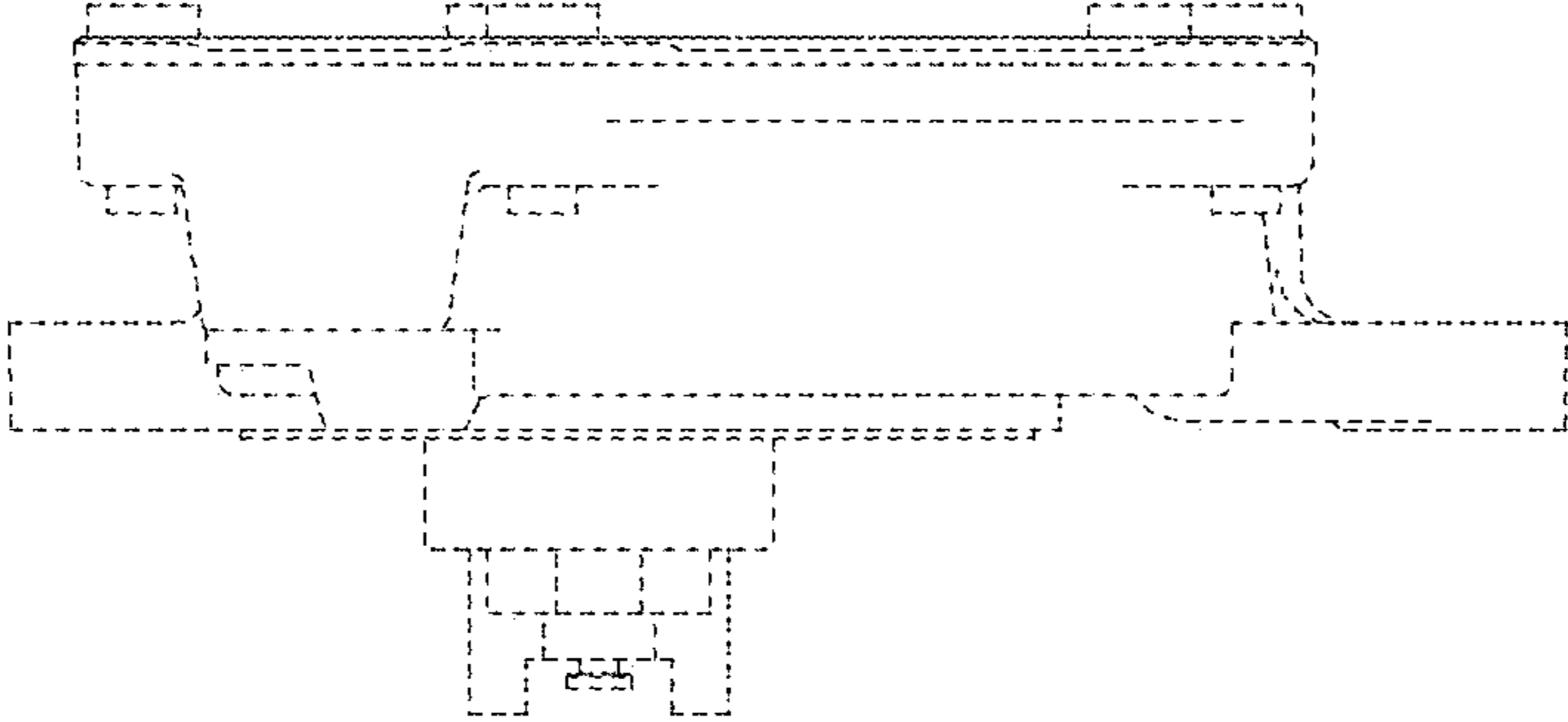


FIG. 8

