

US00D859322S

(12) **United States Design Patent** (10) **Patent No.:** **US D859,322 S**  
**Takahashi et al.** (45) **Date of Patent:** **\*\* Sep. 10, 2019**

(54) **BOX COVER FOR LIMIT SWITCH**

FOREIGN PATENT DOCUMENTS

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CN 302383973 \* 4/2013  
KR 3020010001200 \* 8/2001

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OTHER PUBLICATIONS

Kone EcoSpace MRL Traction Elevator @ Walmart, Scarborough Town Centre, Scarborough ON, dated Jul. 8, 2013, [online], [site visited Mar. 30, 2015]. Available from Internet, <URL: <https://www.youtube.com/watch?v=uXiVpUDJQG4>>.\*

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(Continued)

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

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(21) Appl. No.: **29/547,177**

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(22) Filed: **Dec. 1, 2015**

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**Related U.S. Application Data**

(63) Continuation of application No. 29/481,379, filed on Feb. 5, 2014, now Pat. No. Des. 778,842.

(57) **CLAIM**

(30) **Foreign Application Priority Data**

The ornamental design for a box cover for limit switch, as shown and described.

Aug. 8, 2013 (JP) ..... 2013-018217  
Aug. 8, 2013 (JP) ..... 2013-018218

(51) **LOC (12) Cl.** ..... **13-03**

**DESCRIPTION**

(52) **U.S. Cl.**  
USPC ..... **D13/158**; D13/177; D13/174

(58) **Field of Classification Search**  
USPC ..... D13/110, 118, 123, 133, 152, 154,  
D13/158–160, 173, 174, 184, 199;  
(Continued)

FIG. 1 is a perspective view of a box cover for limit switch showing our new design;  
FIG. 2 is a front elevational view thereof;  
FIG. 3 is a rear elevational 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; and,  
FIG. 7 is a bottom plan view thereof.  
The broken lines depict environmental subject matter only and form no part of the claimed design.  
The oblique short lines in FIG. 1 and FIG. 2 are intended to illustrate that the surface is translucent.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D33,304 S 10/1900 Thomas  
762,571 A \* 6/1904 Alexander ..... H02G 3/14  
220/241

(Continued)

**1 Claim, 6 Drawing Sheets**

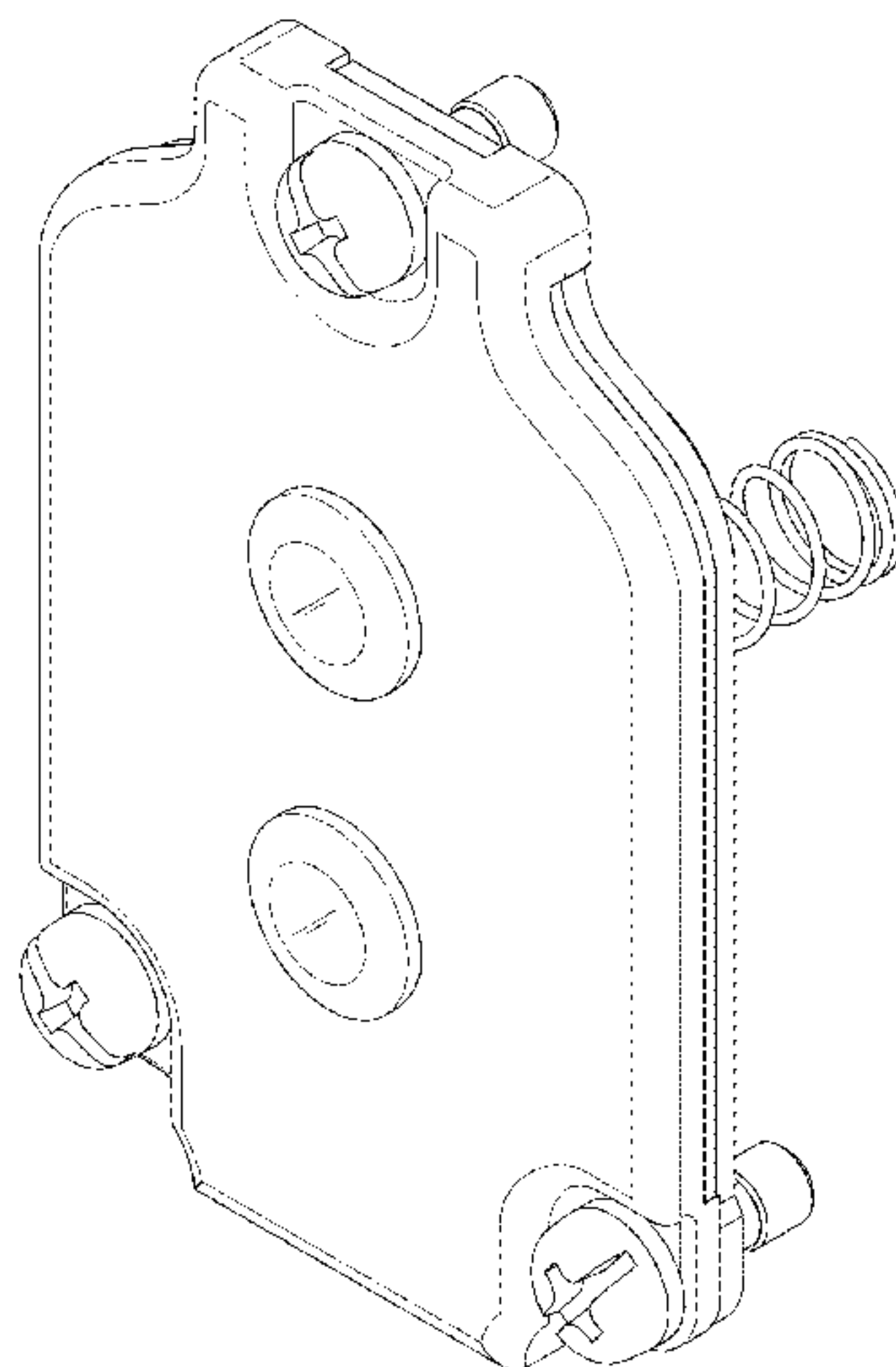




Fig. 1

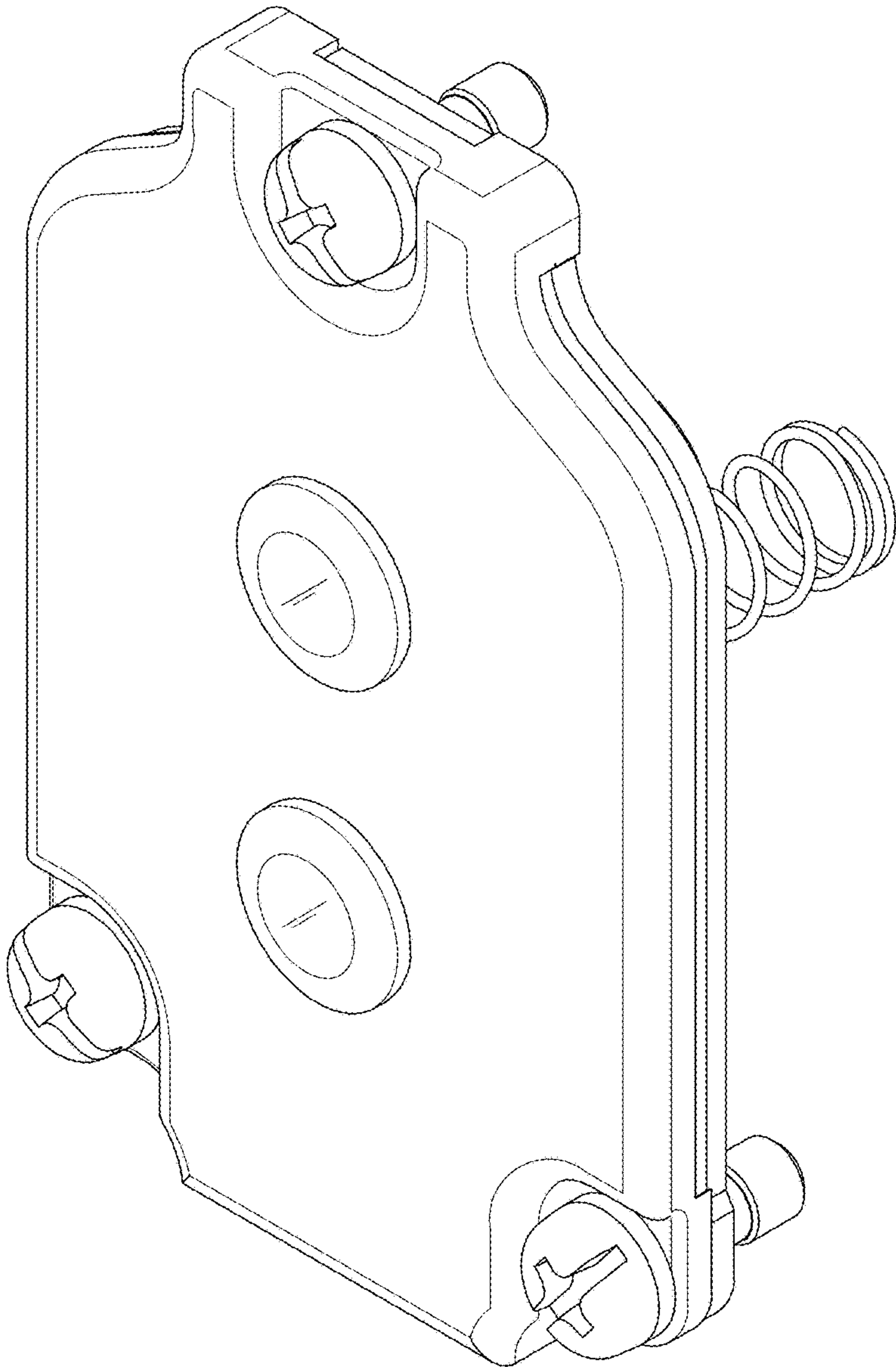


Fig. 2

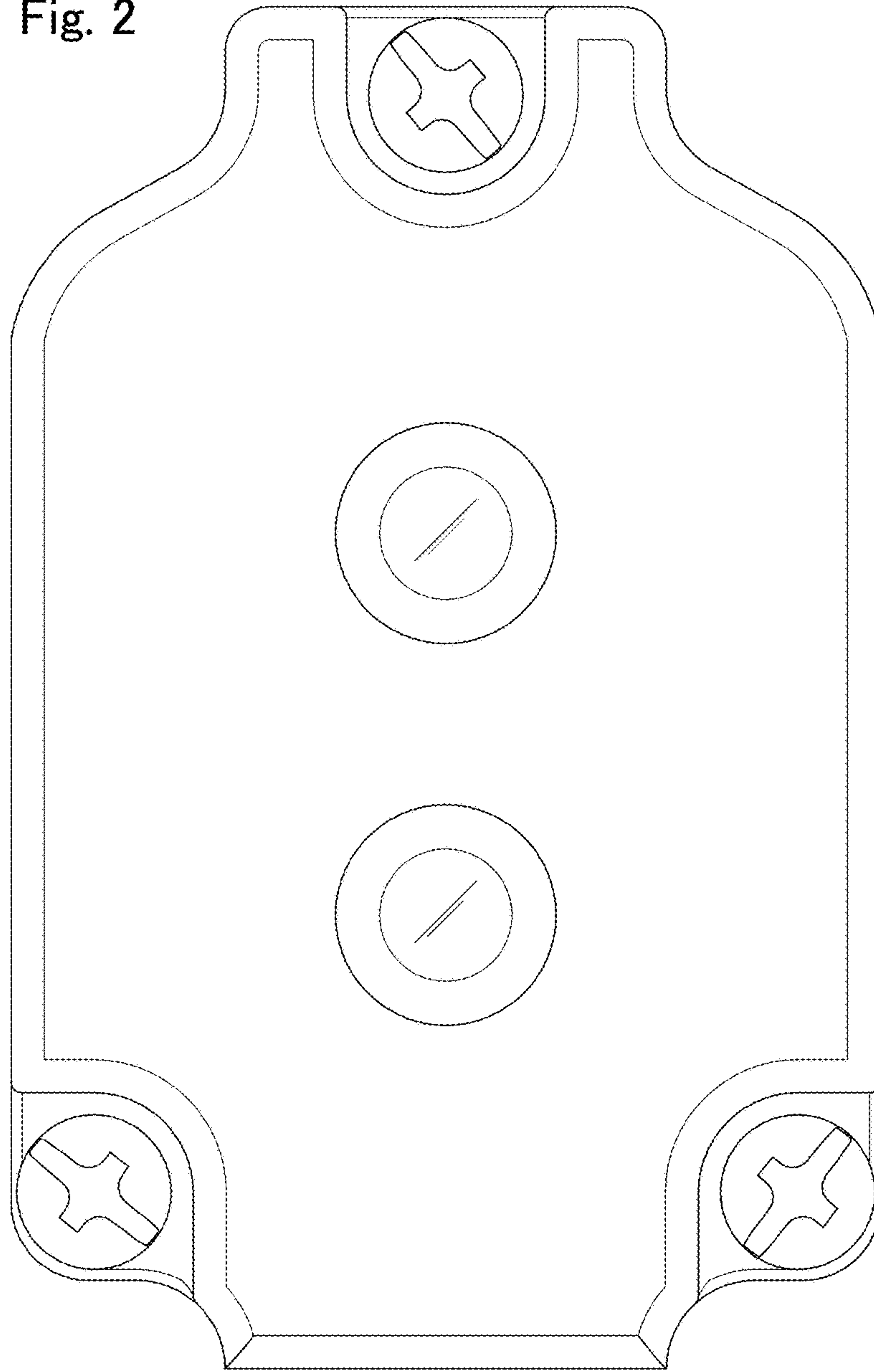




Fig. 3

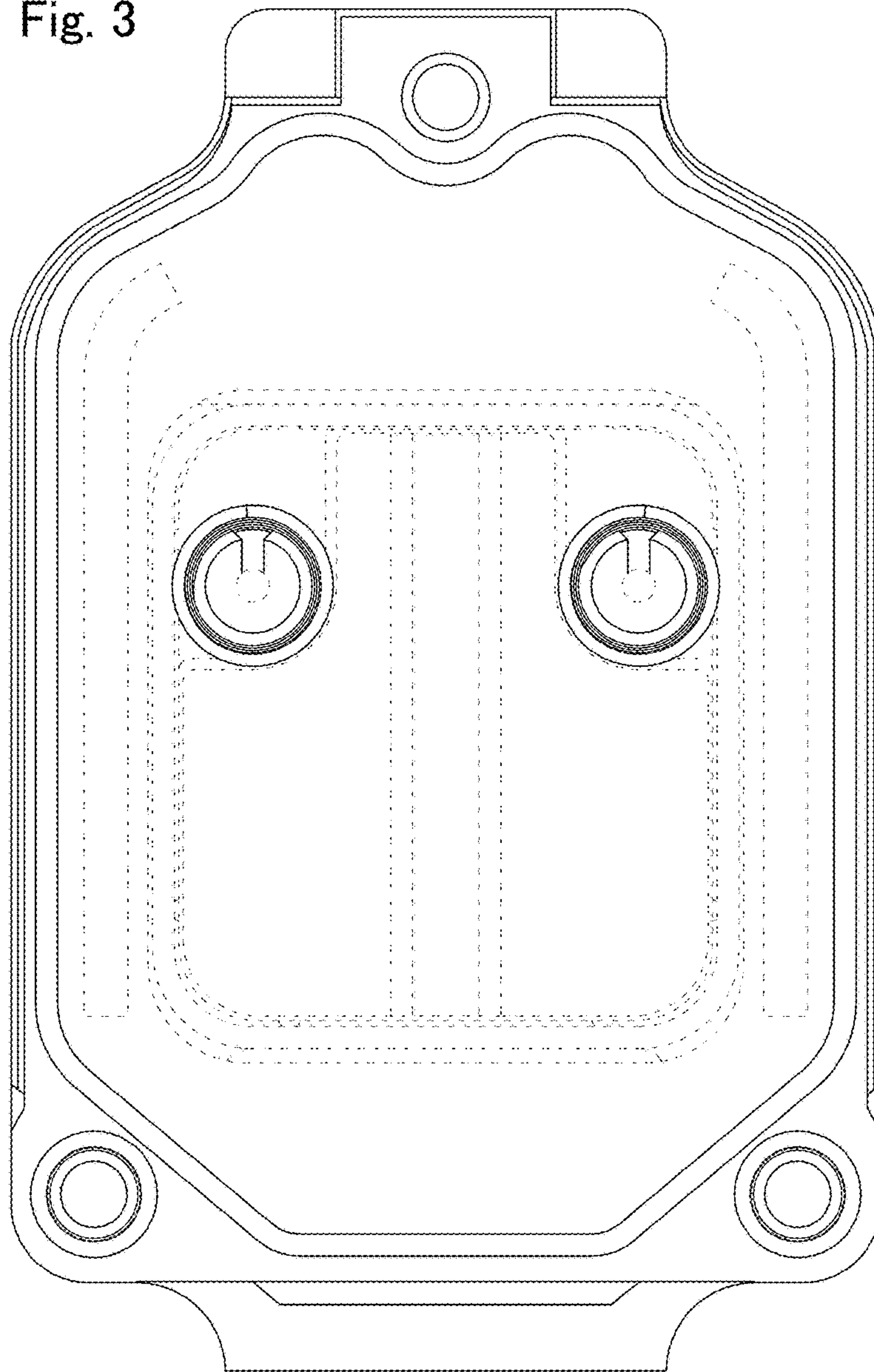


Fig. 4

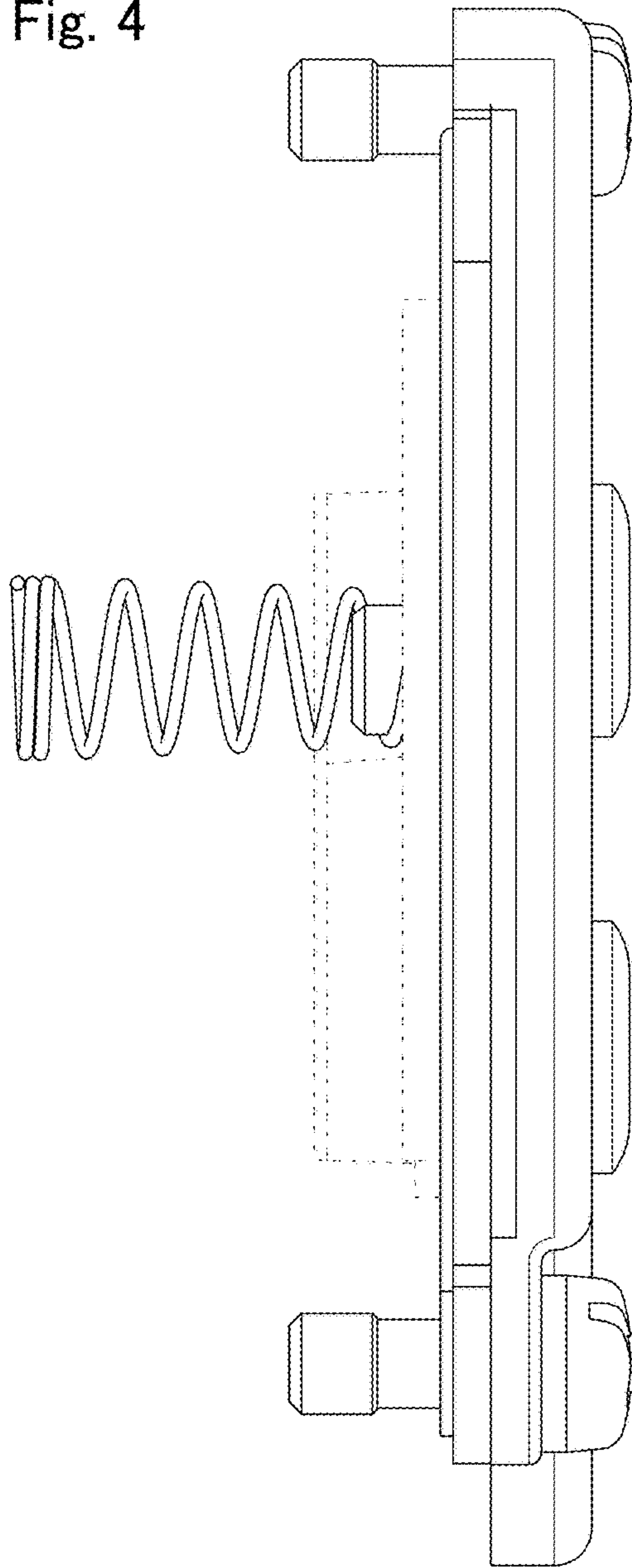


Fig. 5

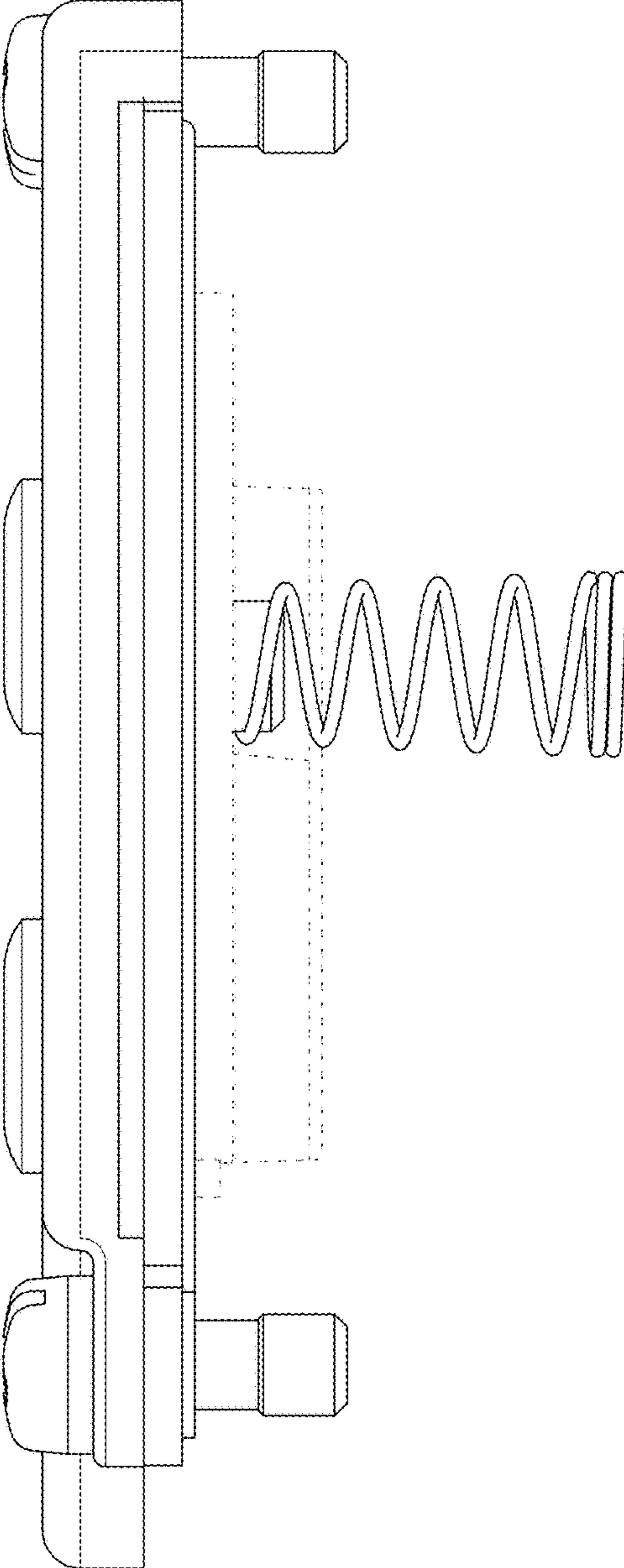


Fig. 6

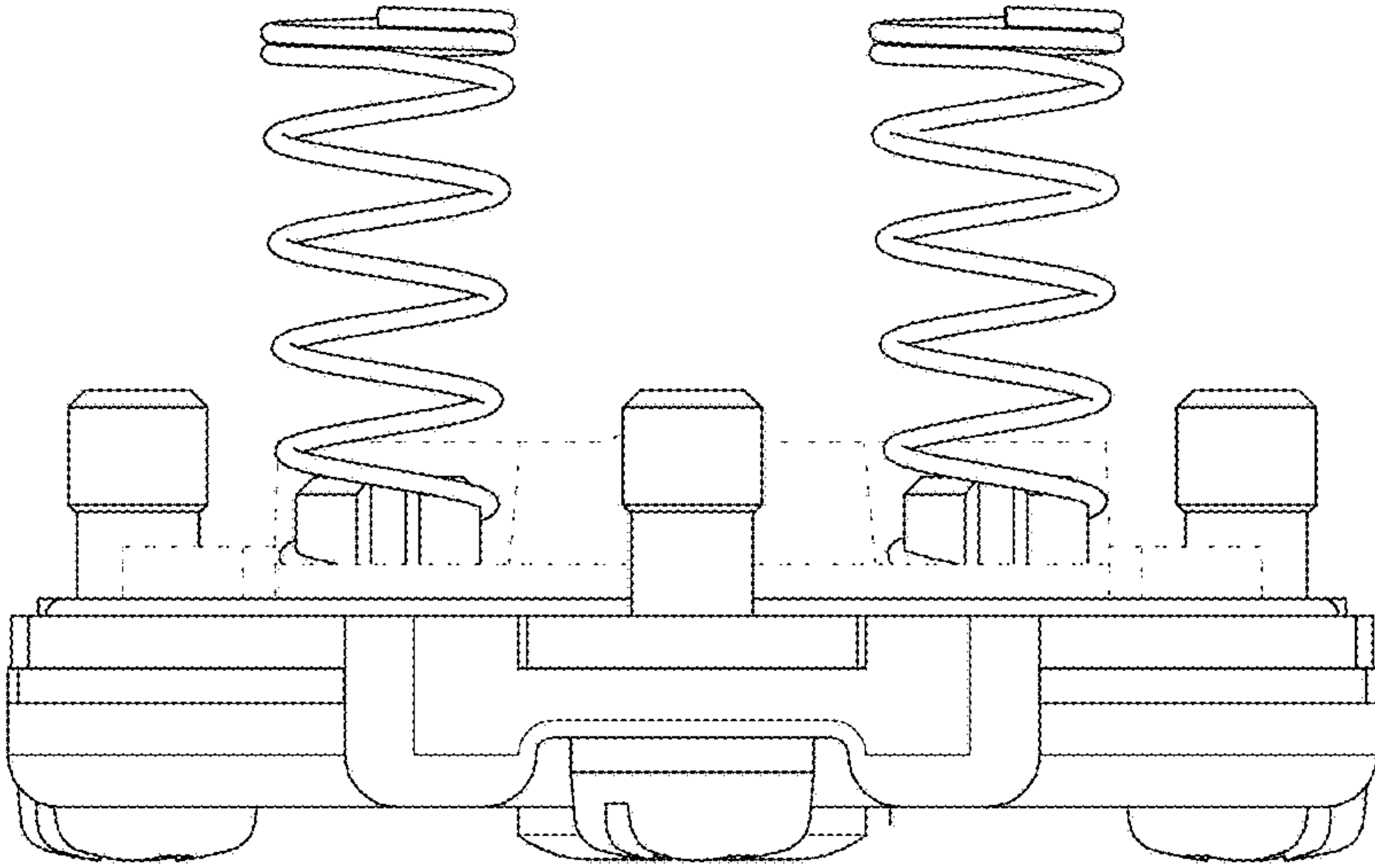


Fig. 7

