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(12) **United States Design Patent**
Tsugawa et al.

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(45) **Date of Patent:** **** Apr. 12, 2016**

(54) **PUSH BUTTON SWITCH**

(56) **References Cited**

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Kyoto (JP)

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(72) Inventors: **Hiroshi Tsugawa**, Kyoto (JP); **Hiroyuki Moriyama**, Kyoto (JP); **Masaki Sugihara**, Kyoto (JP)

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(73) Assignee: **OMRON CORPORATION**, Kyoto (JP)

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

(Continued)

(21) Appl. No.: **29/516,298**

Primary Examiner — Selina Sikder

(22) Filed: **Jan. 30, 2015**

(74) *Attorney, Agent, or Firm* — Harness, Dickey & Pierce, P.L.C.

Related U.S. Application Data

(57) **CLAIM**

(62) Division of application No. 29/427,950, filed on Jul. 24, 2012, now Pat. No. Des. 725,050.

The ornamental design for a push button switch, as shown and described.

DESCRIPTION

(30) **Foreign Application Priority Data**

Feb. 3, 2012	(JP)	2012-2168
Feb. 3, 2012	(JP)	2012-2169
Feb. 3, 2012	(JP)	2012-2170
Feb. 3, 2012	(JP)	2012-2171

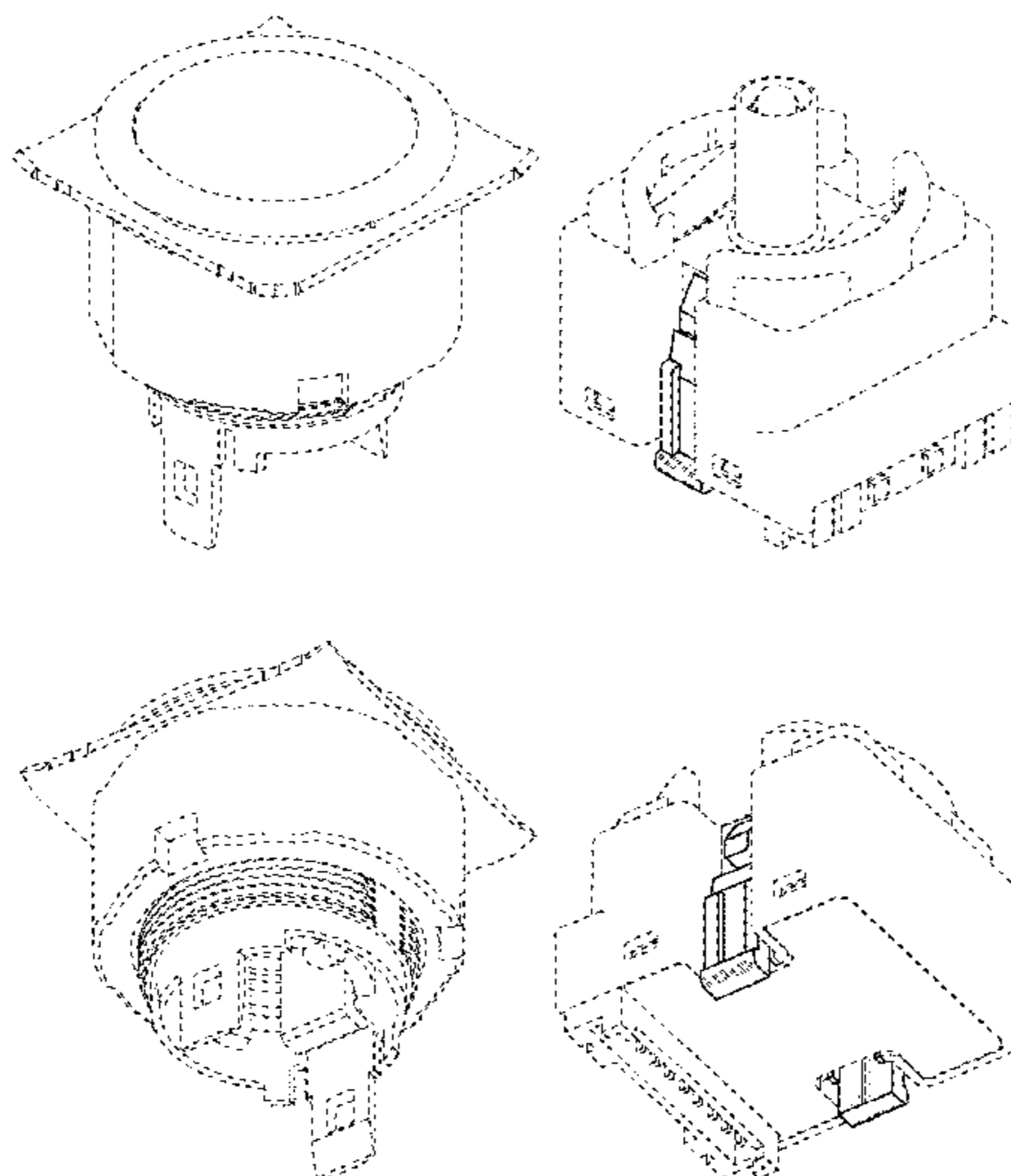
FIG. 1 is a front elevational view of a push button switch showing a fourth embodiment of our new design; FIG. 2 is a rear elevational view thereof; FIG. 3 is a left side view thereof; FIG. 4 is a right side view thereof; FIG. 5 is a top plan view thereof; FIG. 6 is a bottom plan view thereof; FIG. 7 is a top, front and right side perspective view thereof, shown in separated condition; FIG. 8 is a bottom, rear and left side perspective view thereof, shown in separated condition; FIG. 9 is a front elevational view of a switch part; FIG. 10 is a rear elevational view thereof; FIG. 11 is an enlarged bottom plan view thereof; FIG. 12 is an exploded top perspective view thereof; and, FIG. 13 is an exploded bottom perspective view thereof. The broken lines depict environmental subject matter only and form no part of the claimed design.

(51) **LOC (10) Cl.** **13-03**

(52) **U.S. Cl.**
USPC **D13/173**

(58) **Field of Classification Search**
USPC D13/158, 171, 173, 174, 175
CPC H01H 3/022; H01H 3/12; H01H 3/122;
H01H 9/0235; H01H 9/181; H01H 13/02;
H01H 13/023; H01H 13/04; H01H 13/063;
H01H 13/14; H01H 13/83; H01H 13/86;
H01H 21/24; H01H 25/065
See application file for complete search history.

1 Claim, 7 Drawing Sheets



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Fig. 1

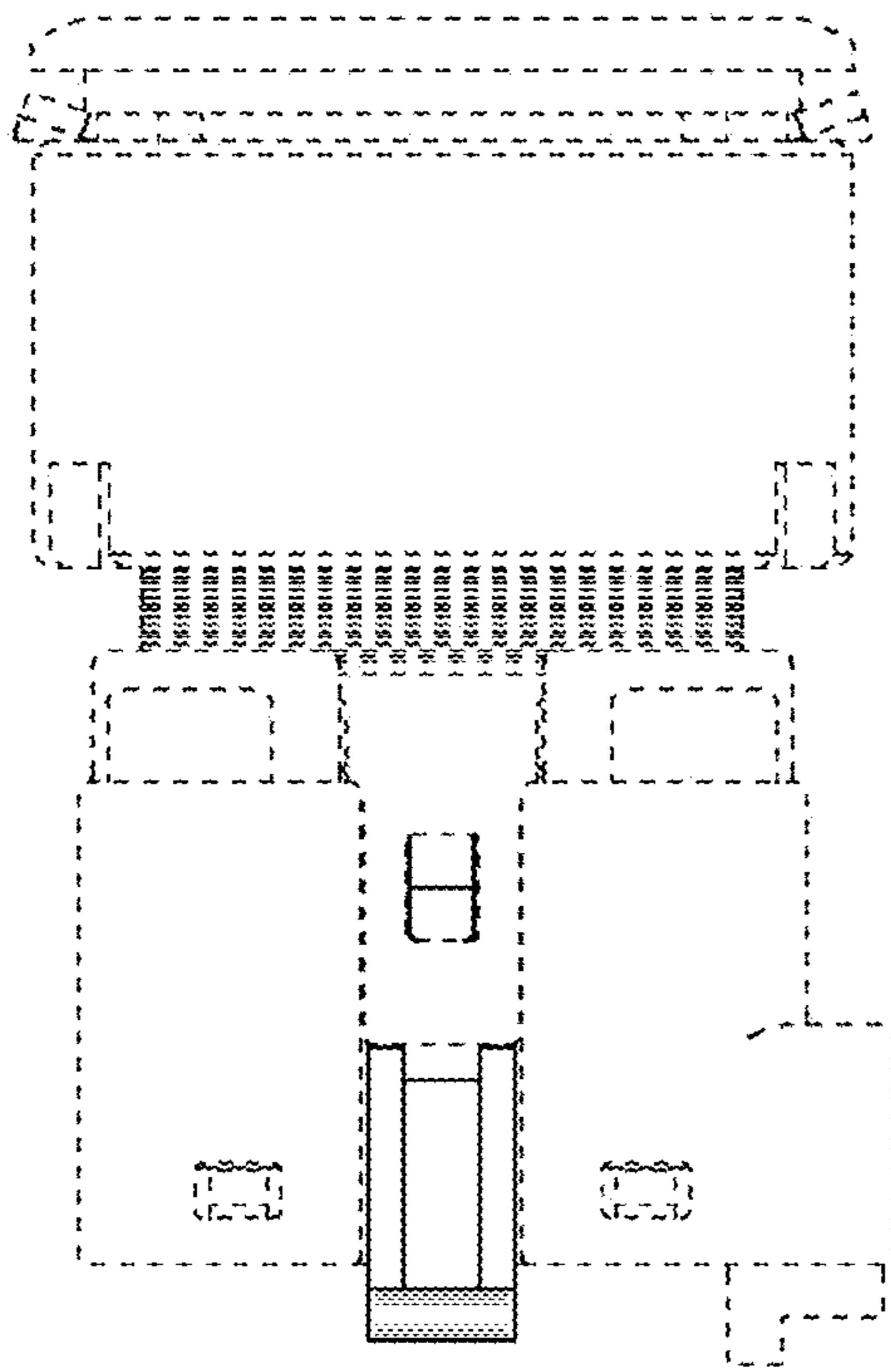


Fig. 2

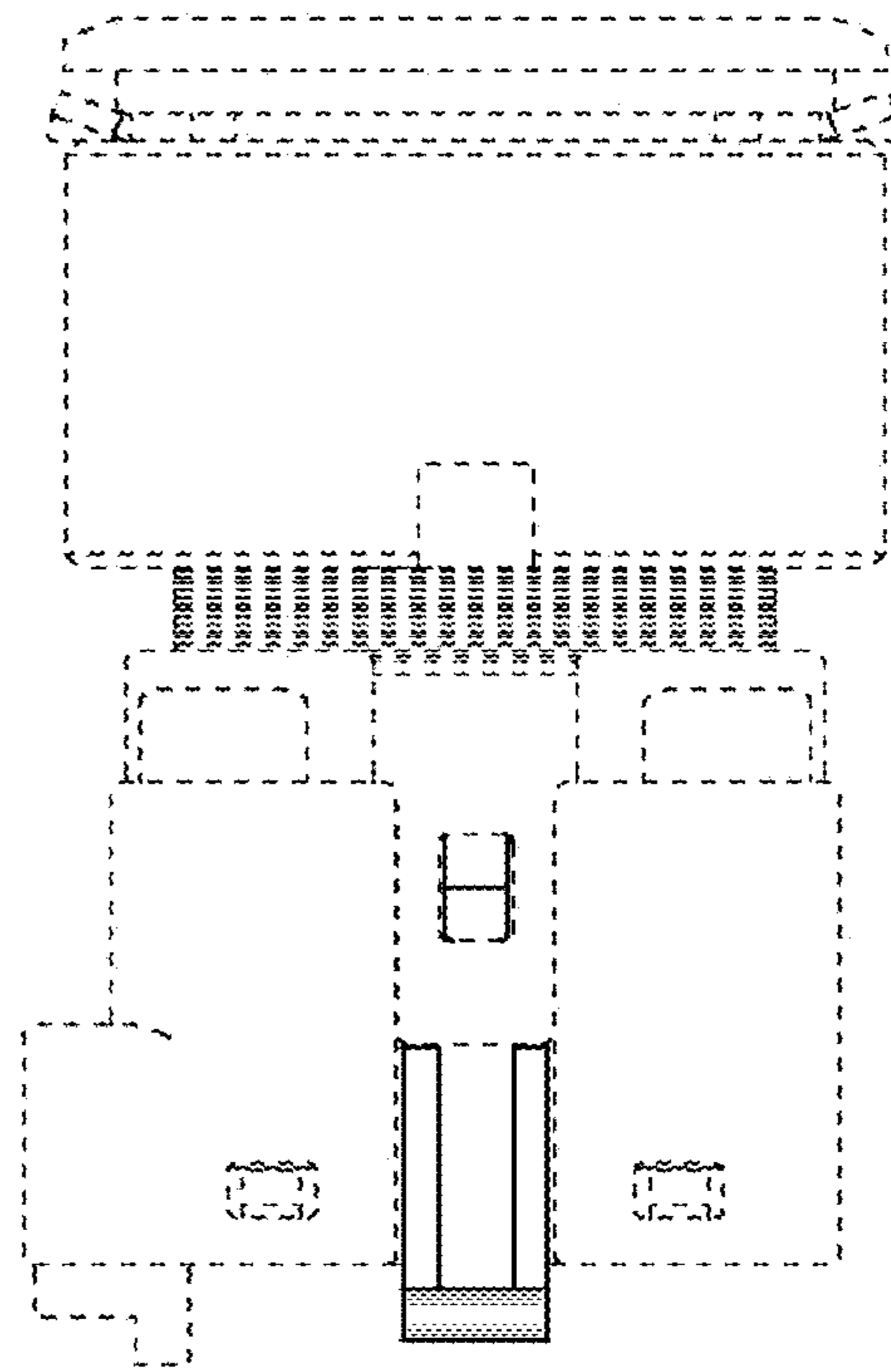


Fig. 3

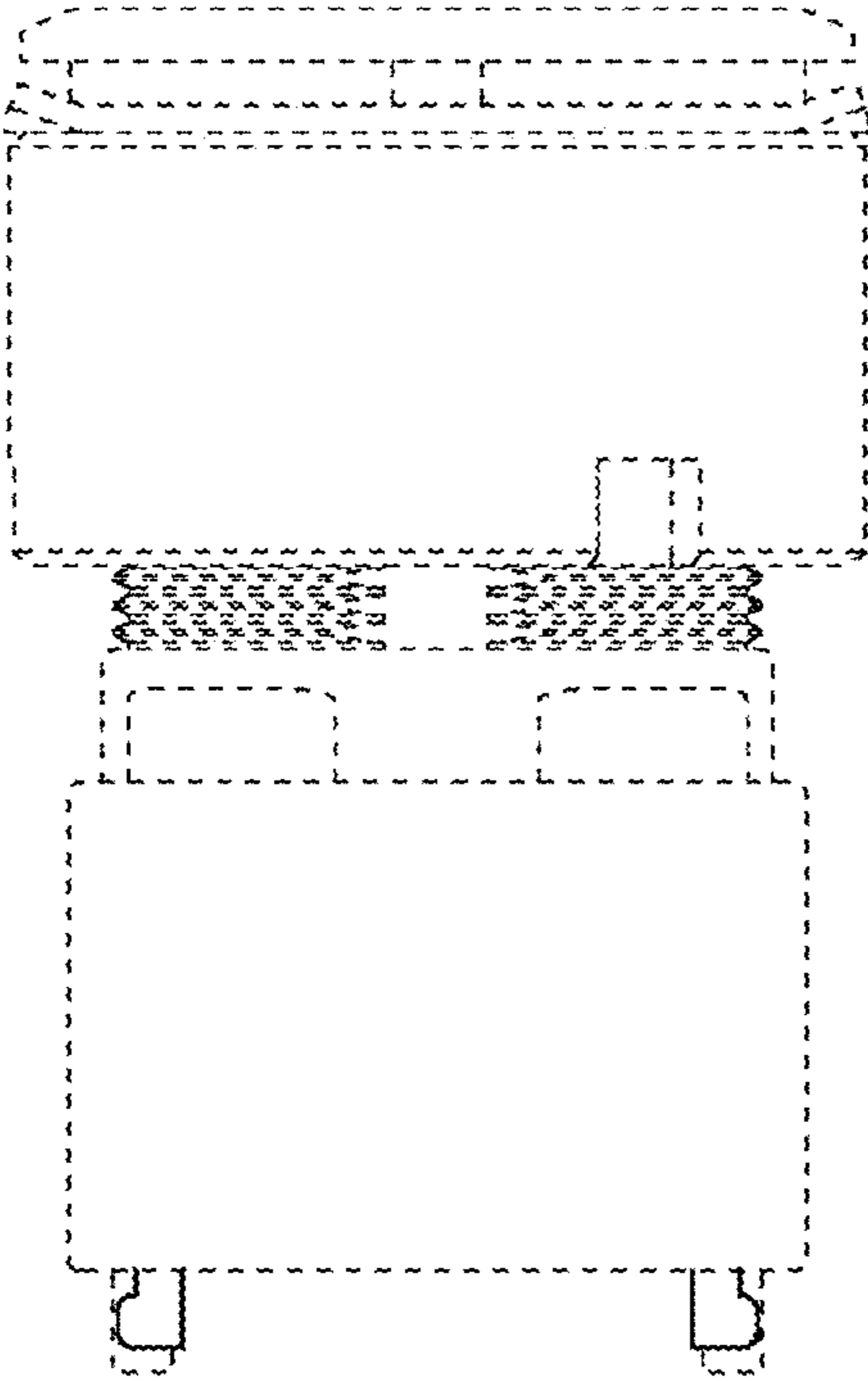


Fig. 4

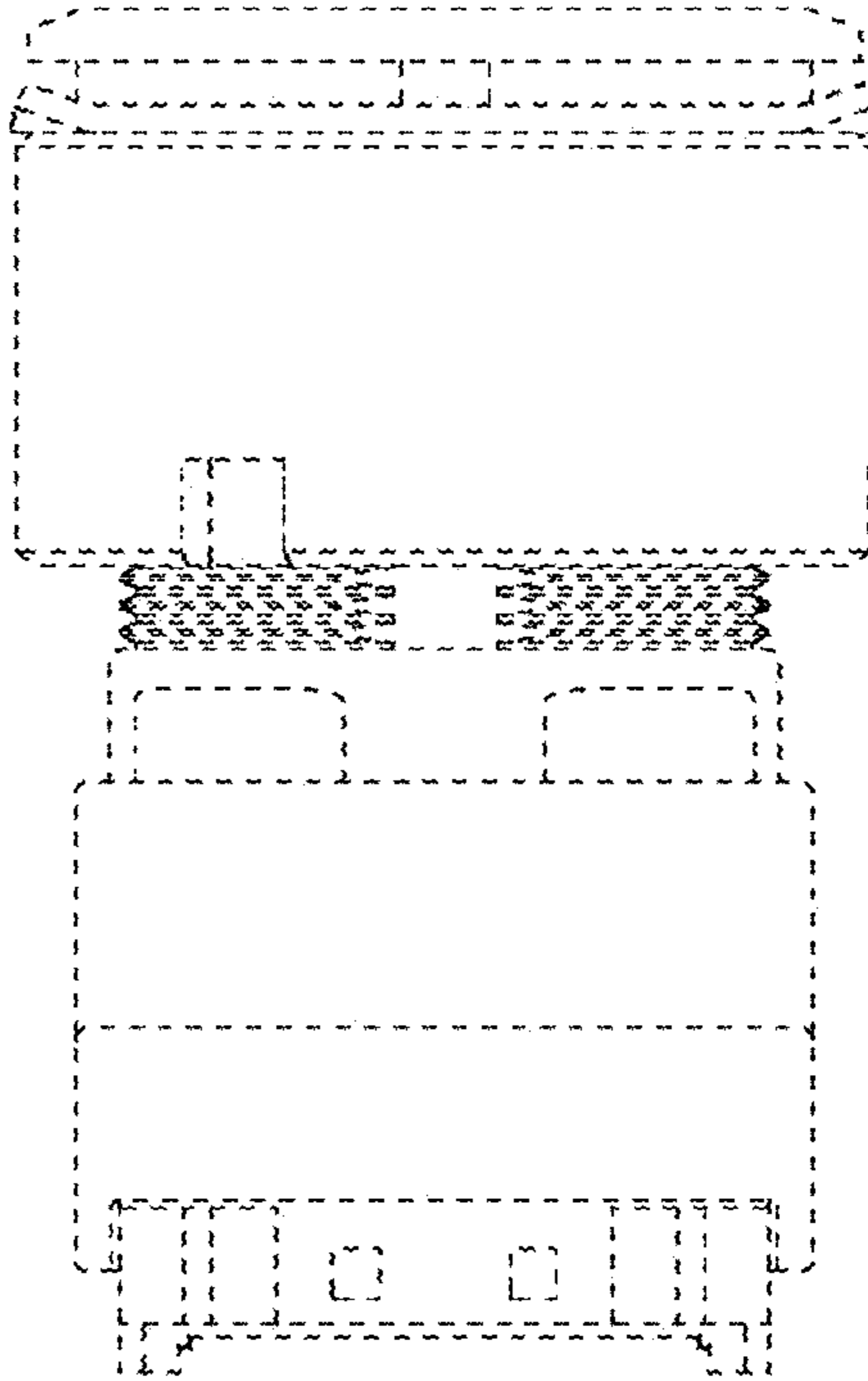


Fig. 5

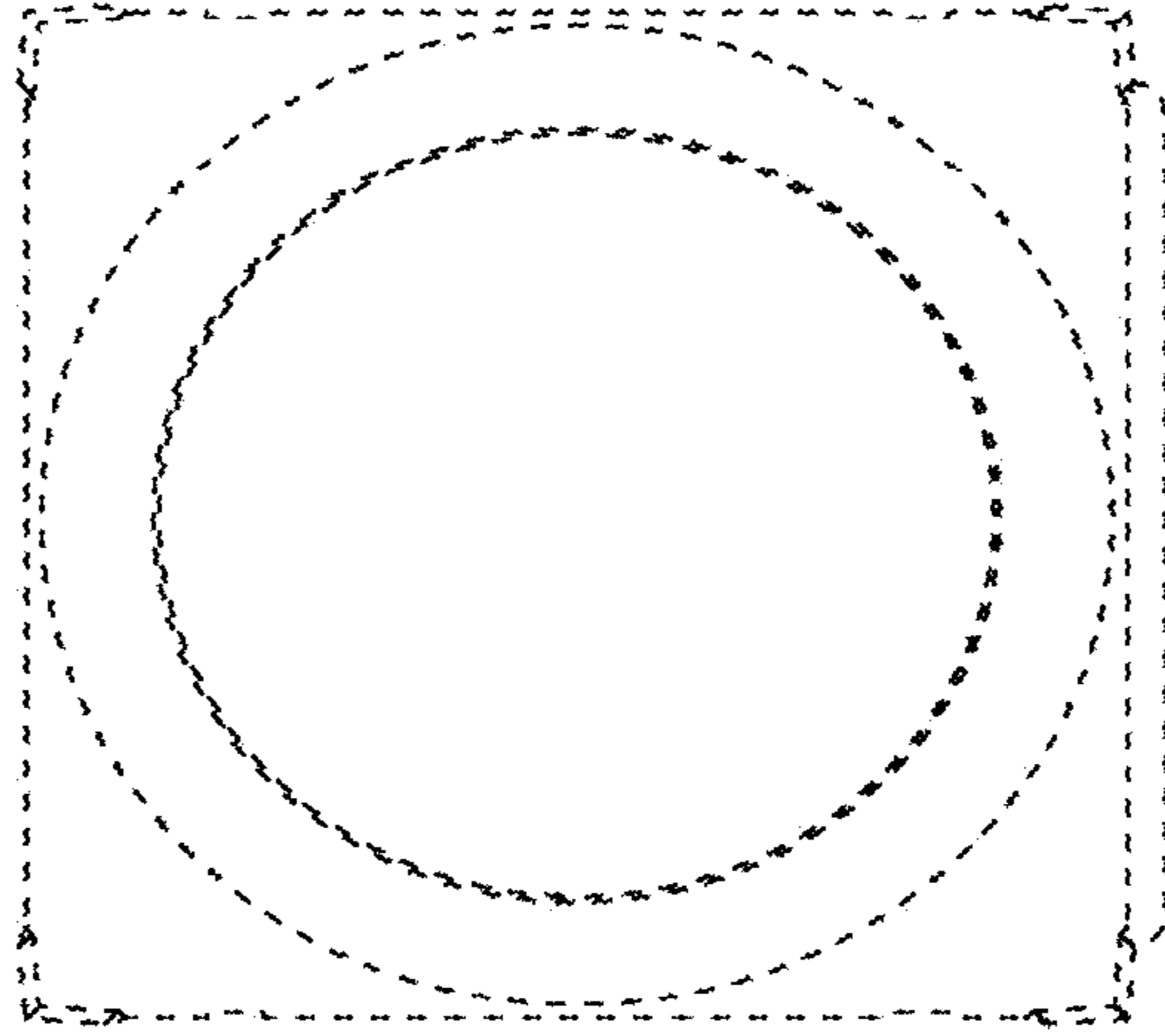


Fig. 6

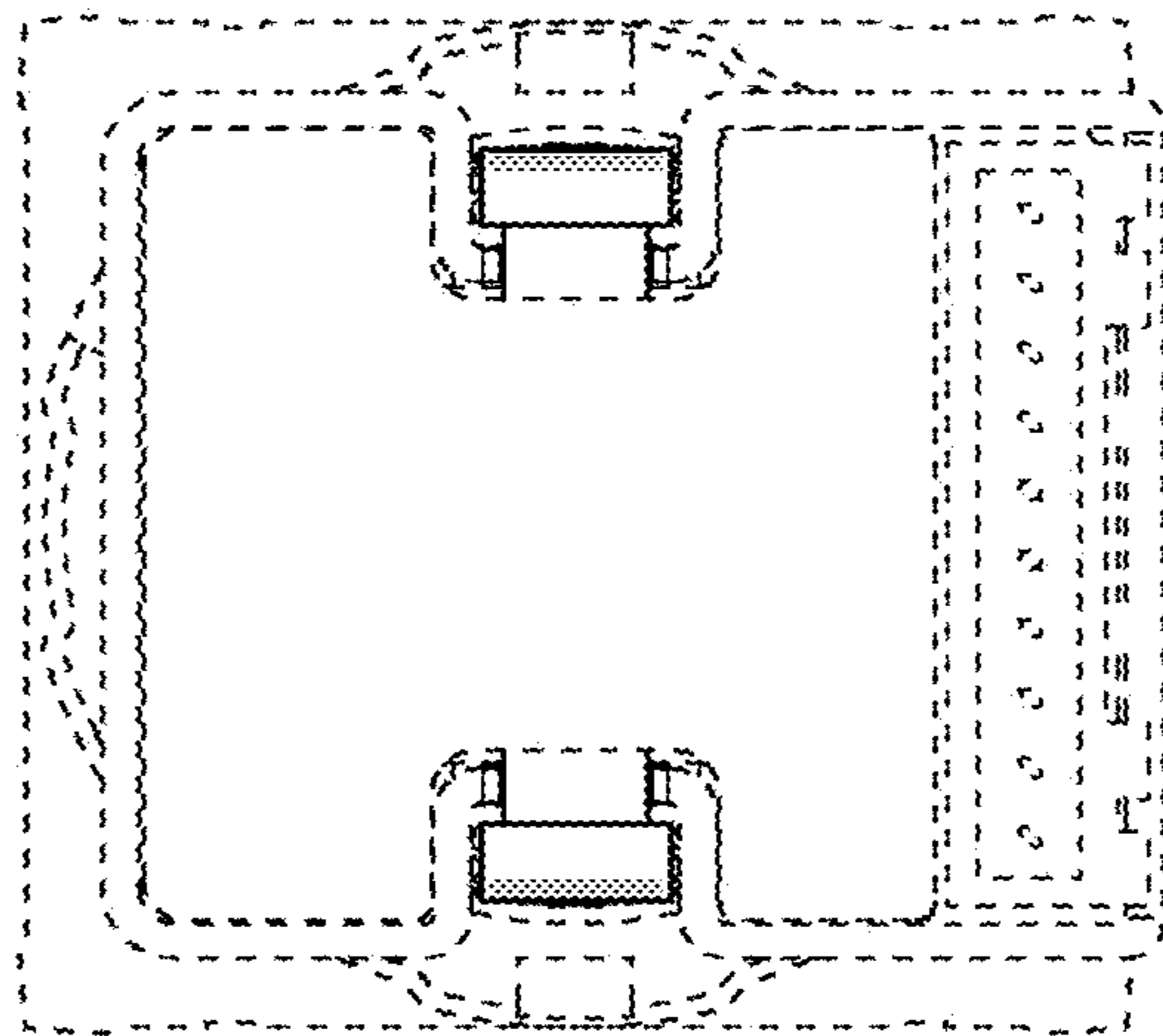


Fig. 7

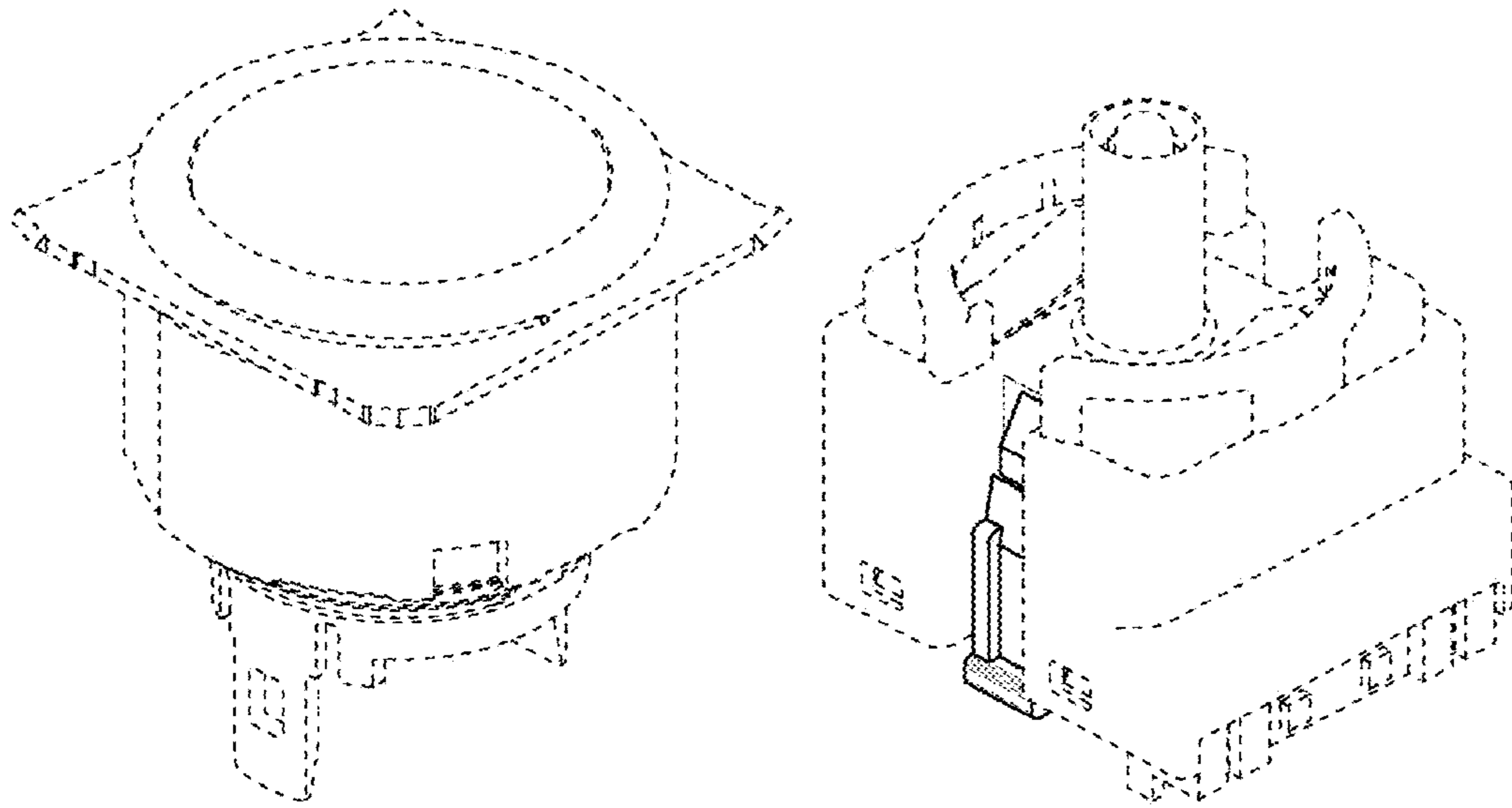


Fig. 8

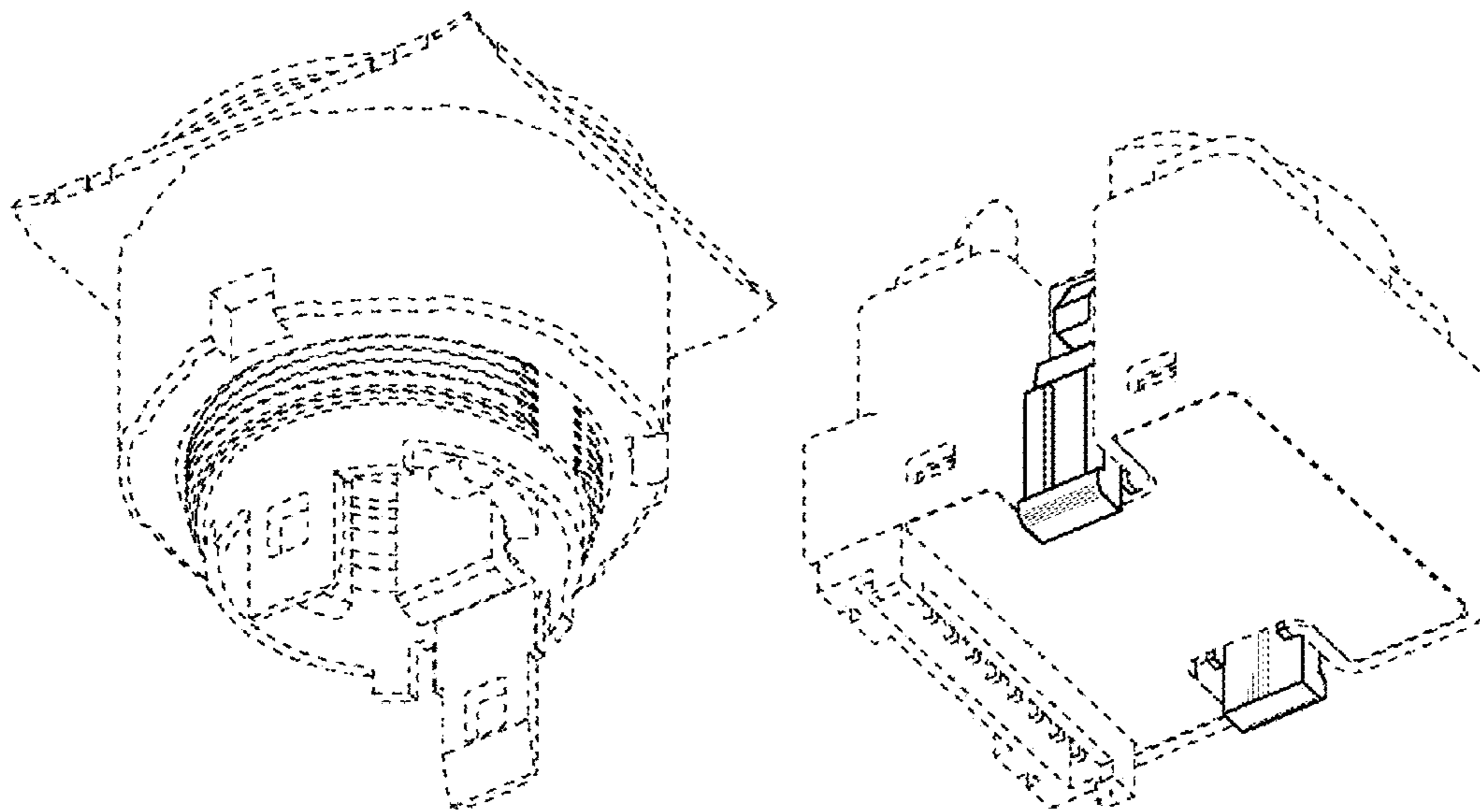


Fig. 9

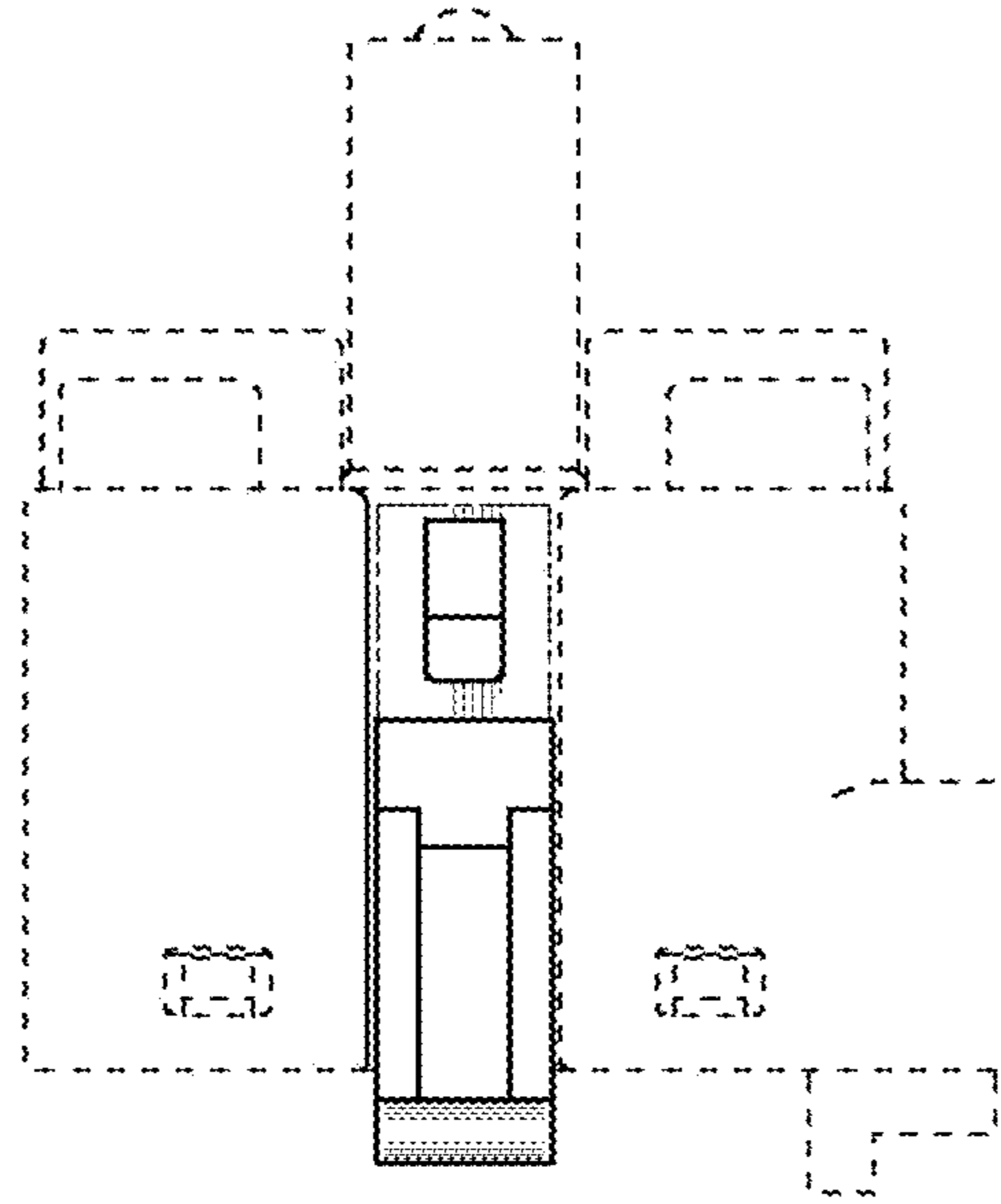


Fig. 10

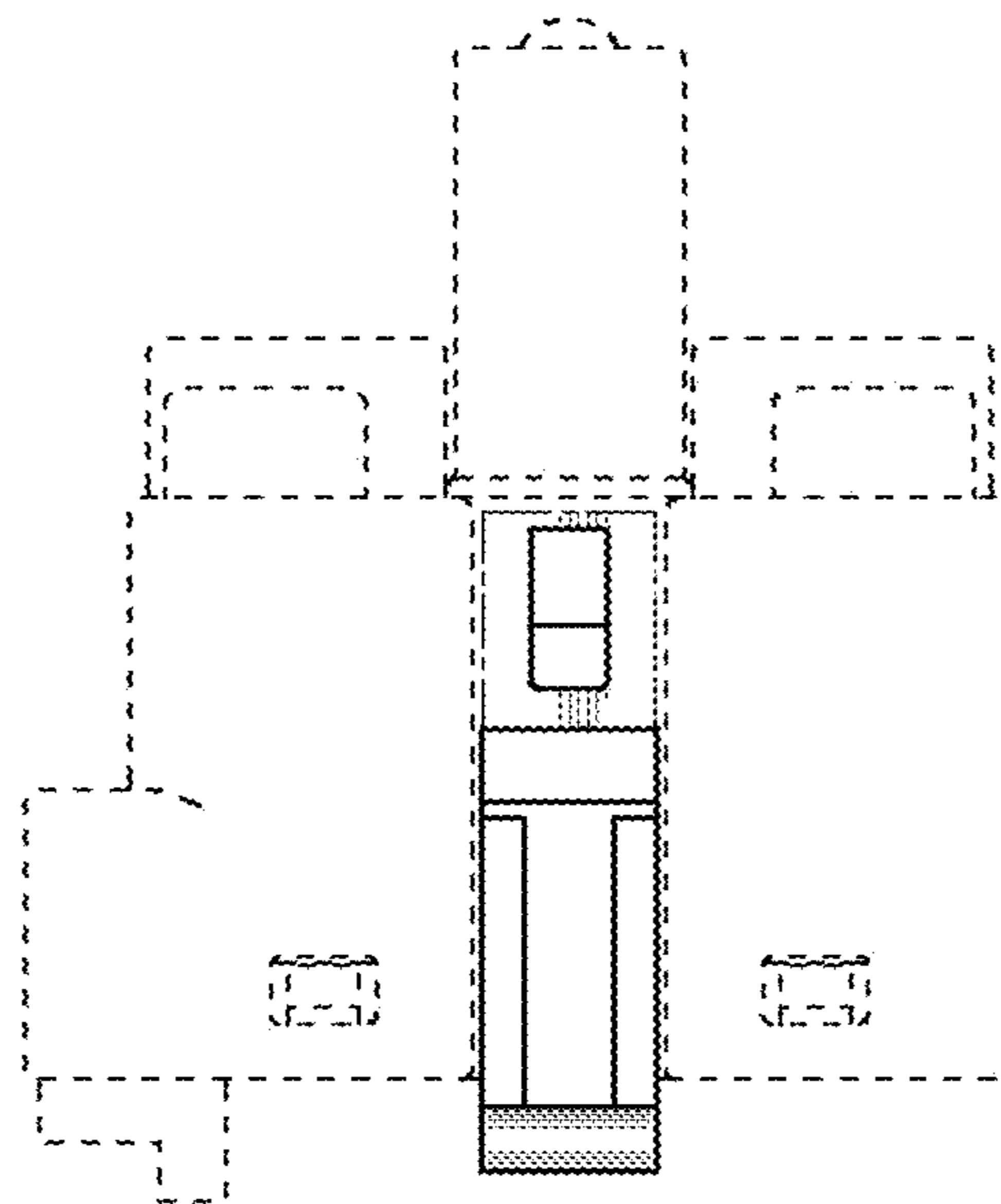


Fig. 11

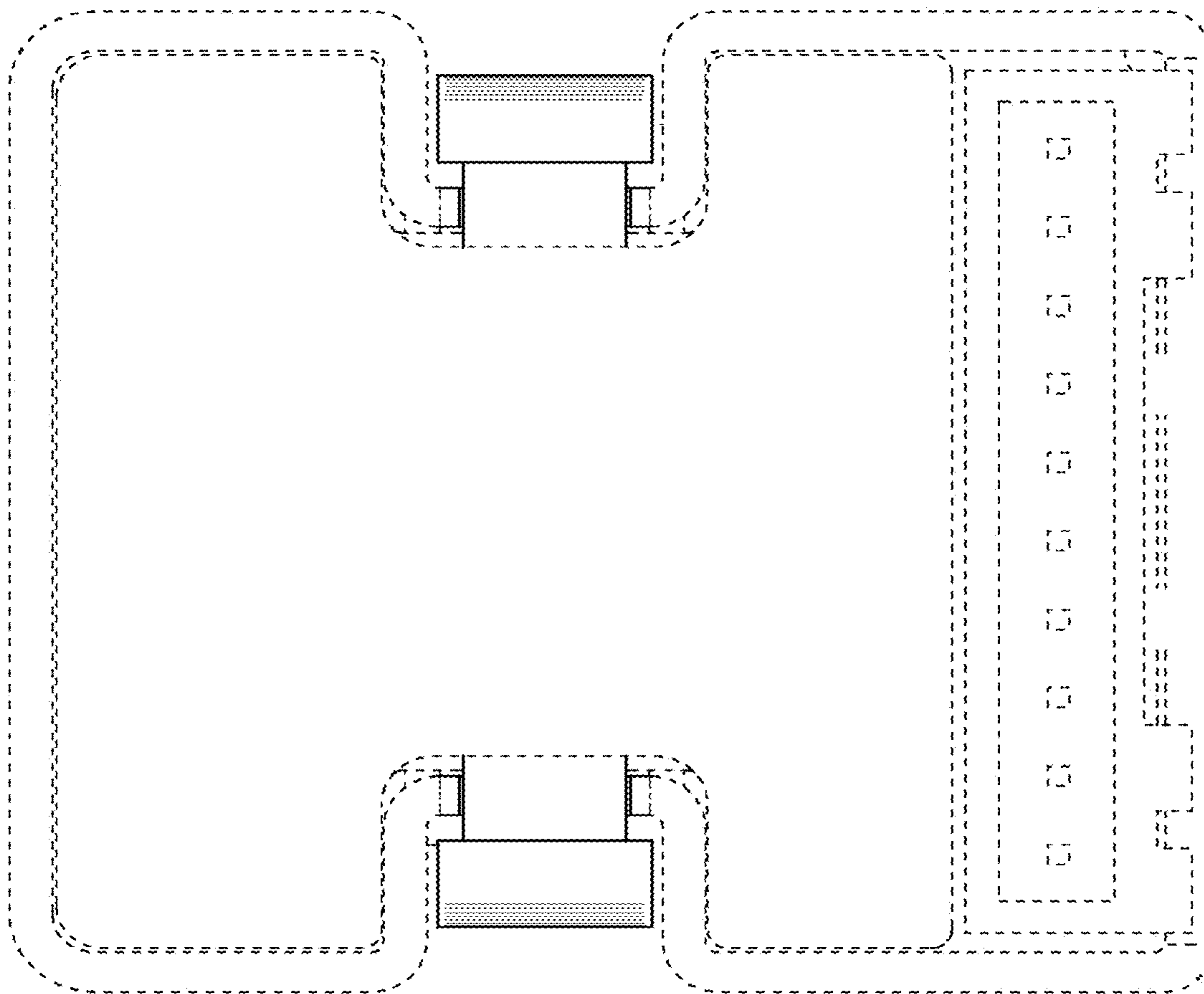


Fig. 12

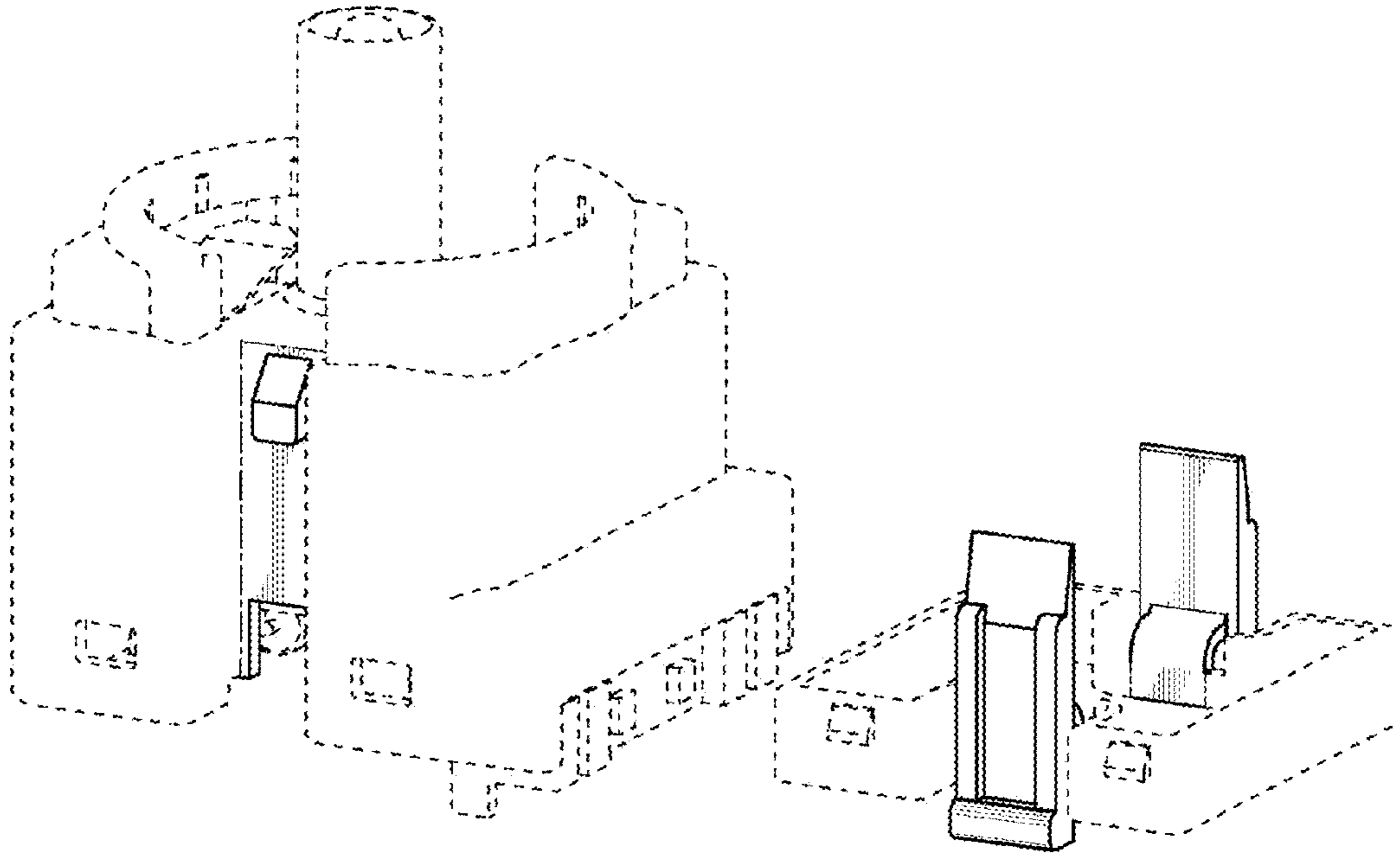


Fig. 13

