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United States Design Patent

Inoda et al.

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(54) **SENSOR FOR INDUSTRIAL ROBOT**

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

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

(21) Appl. No.: **29/726,881**

(22) Filed: **Mar. 6, 2020**

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(30) **Foreign Application Priority Data**

Nov. 21, 2019 (JP) 2019-025859

(51) **LOC (14) Cl.** **15-99**

(52) **U.S. Cl.**

USPC **D15/199**

(58) **Field of Classification Search**

USPC D10/46, 75–80; D13/112, 162.1, 110, D13/147, 159, 174; D15/199

CPC .. B23K 37/0247; B23K 9/327; B23K 9/0956; B23K 37/0264; B23K 9/1274; B23K 9/02; B23K 9/0953; B62D 55/30; B62D 55/075; H02K 5/1732; H02K 5/15; H02K 5/124; H02K 5/203; H02K 9/193; H02K 7/085; H02K 5/1735; F16J 15/002; F16J 15/3296; B25J 13/087; B25J 19/0075; B25J 9/126; G01M 3/04; F16C 2380/26; G01B 11/254; G02B 7/028

See application file for complete search history.

(57) **CLAIM**

The ornamental design for a sensor for industrial robot, as shown and described.

DESCRIPTION

FIG. 1 is a top, front, and right side perspective view of a sensor for industrial robot 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 view thereof; and, FIG. 7 is a bottom view thereof.

The dashed broken lines in the figures show portions of the sensor for industrial robot that form no part of the claimed design. The dot-dashed broken lines shown in the figures illustrate the bounds of the claim and form no part thereof.

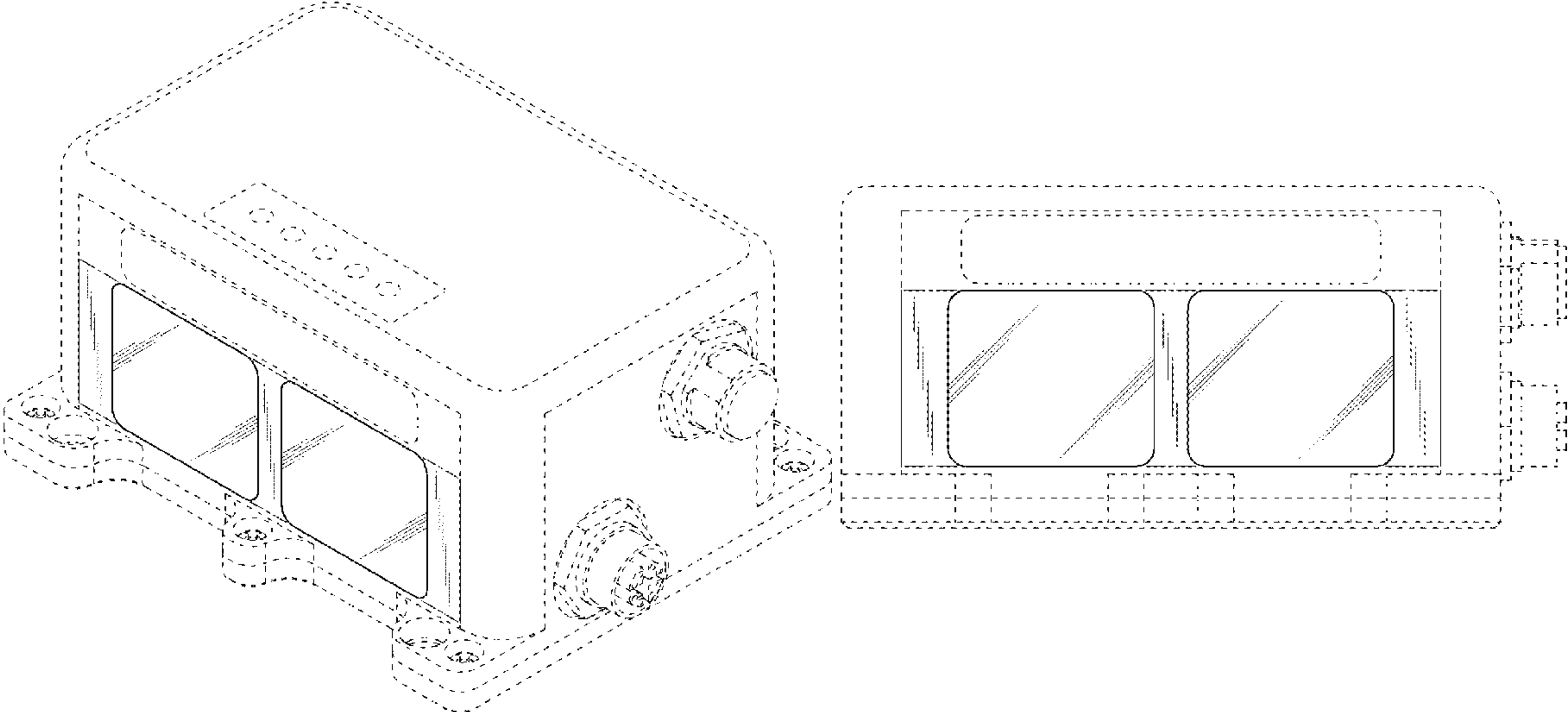
1 Claim, 4 Drawing Sheets

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Fig. 1

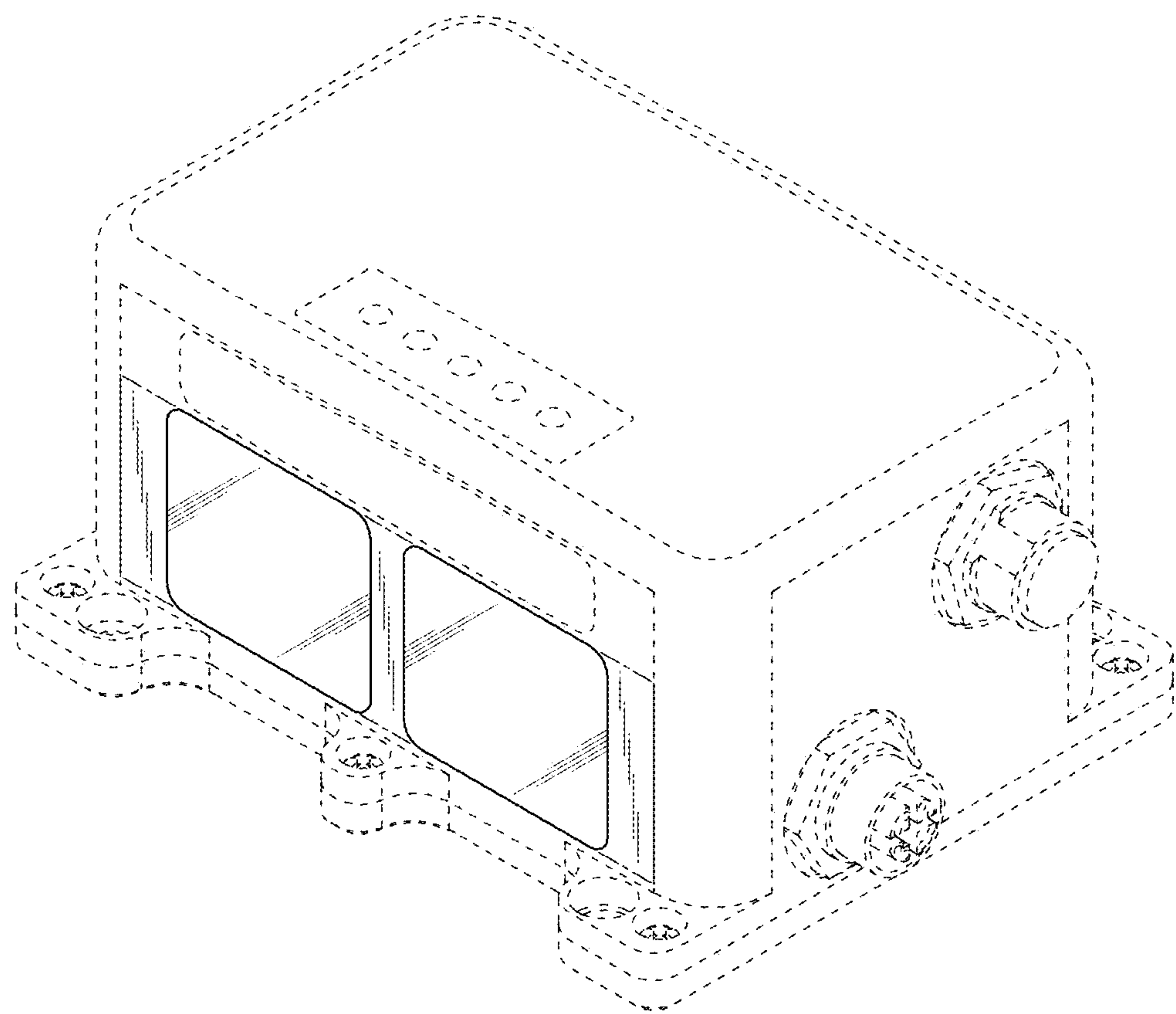


Fig. 2

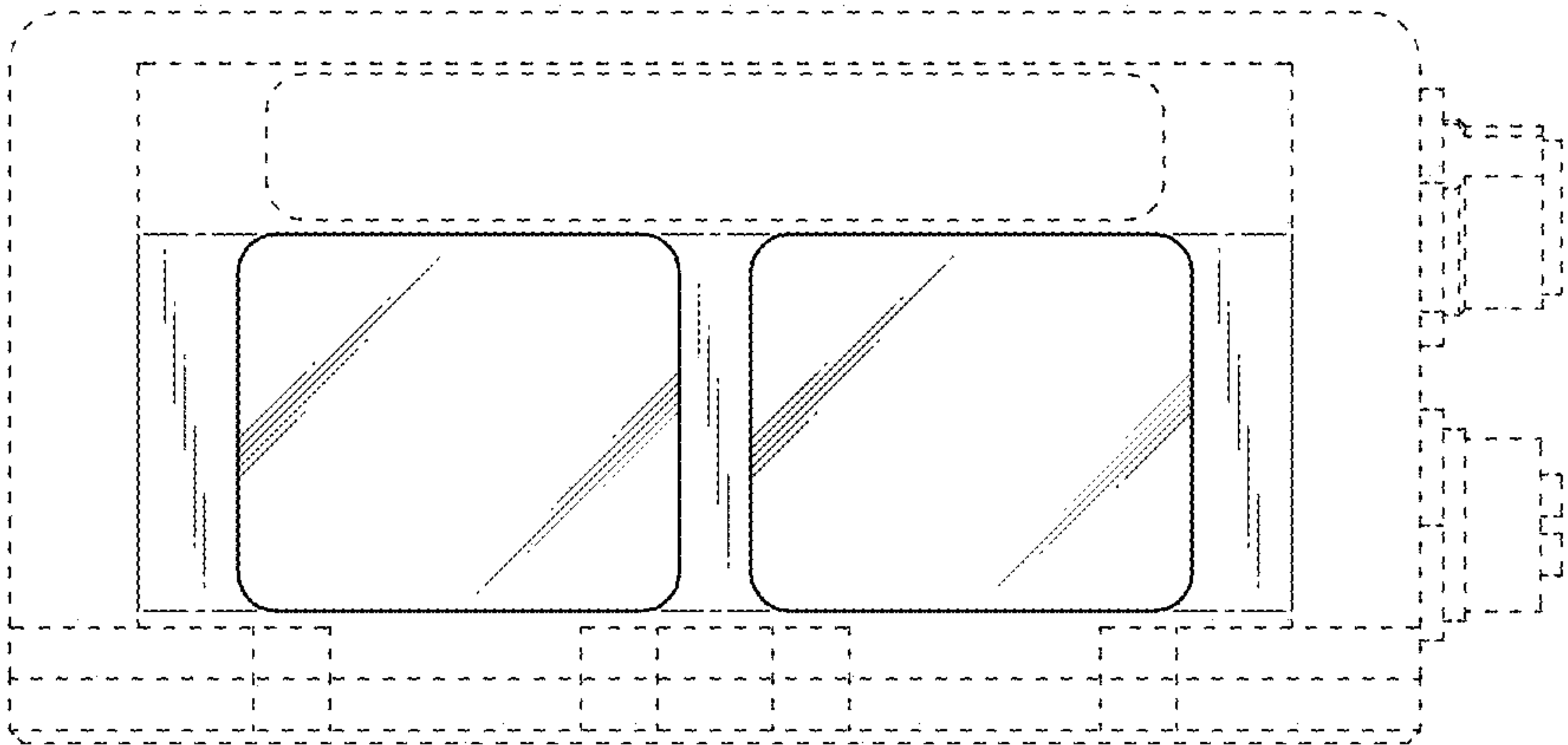


Fig. 3

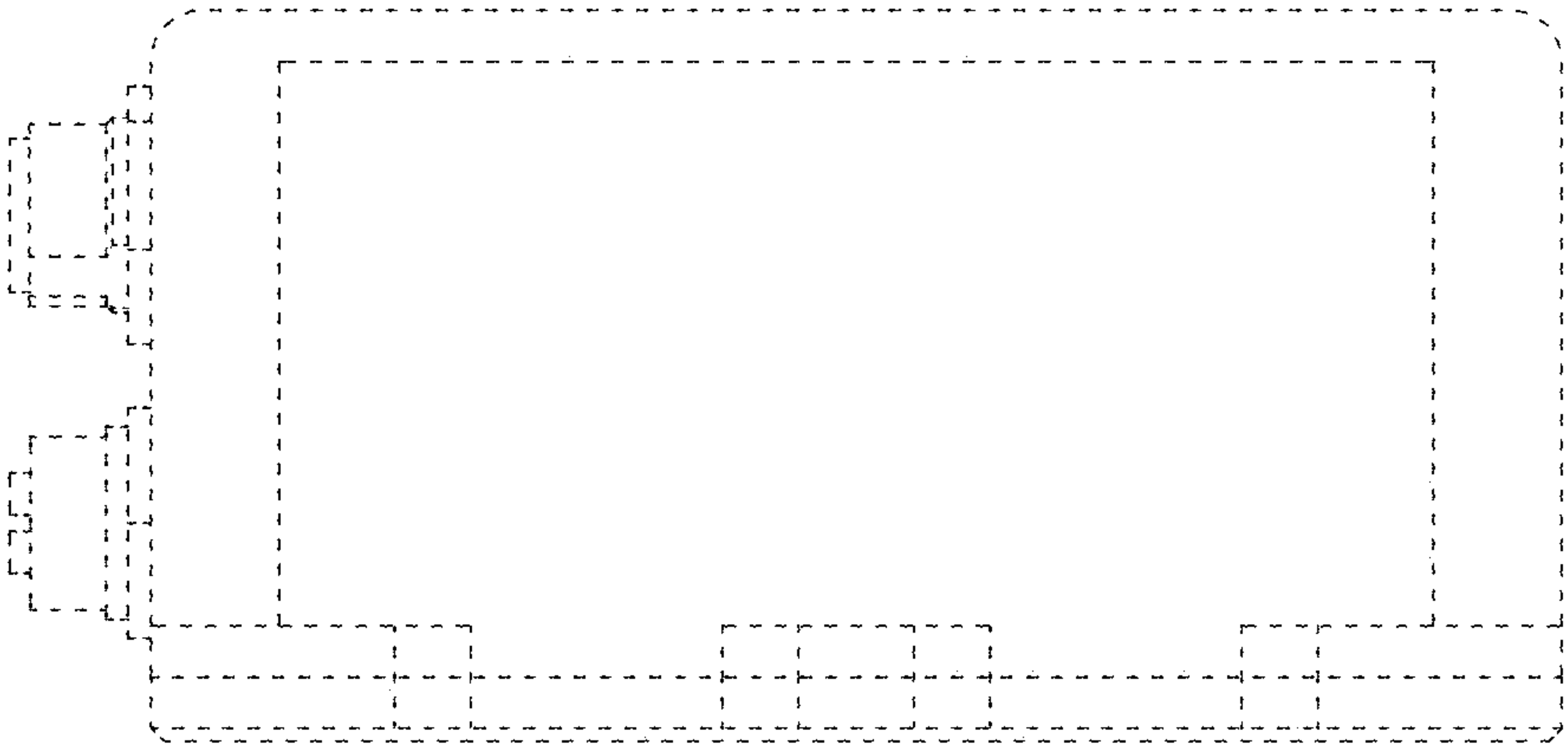


Fig. 4

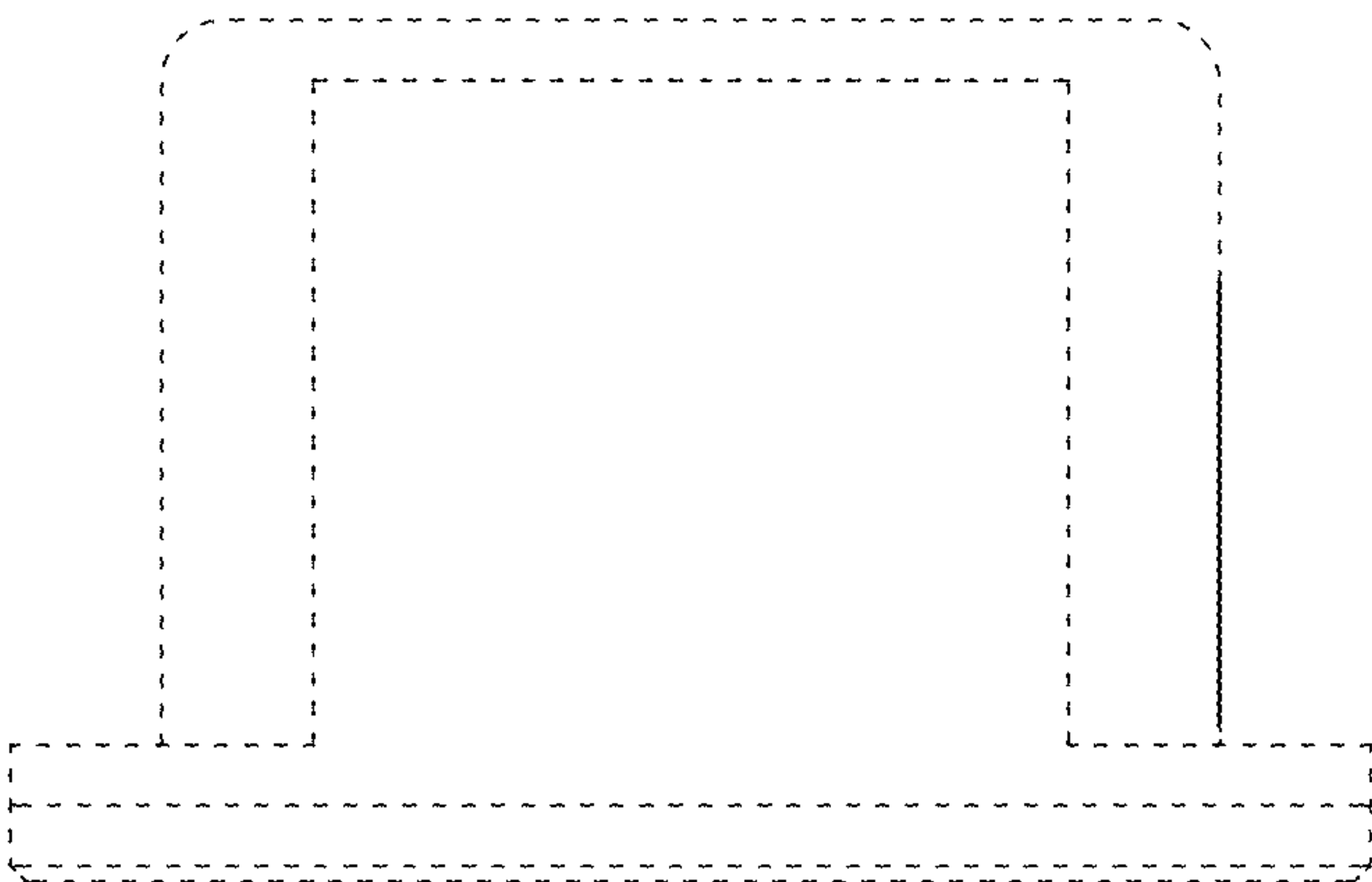


Fig. 5

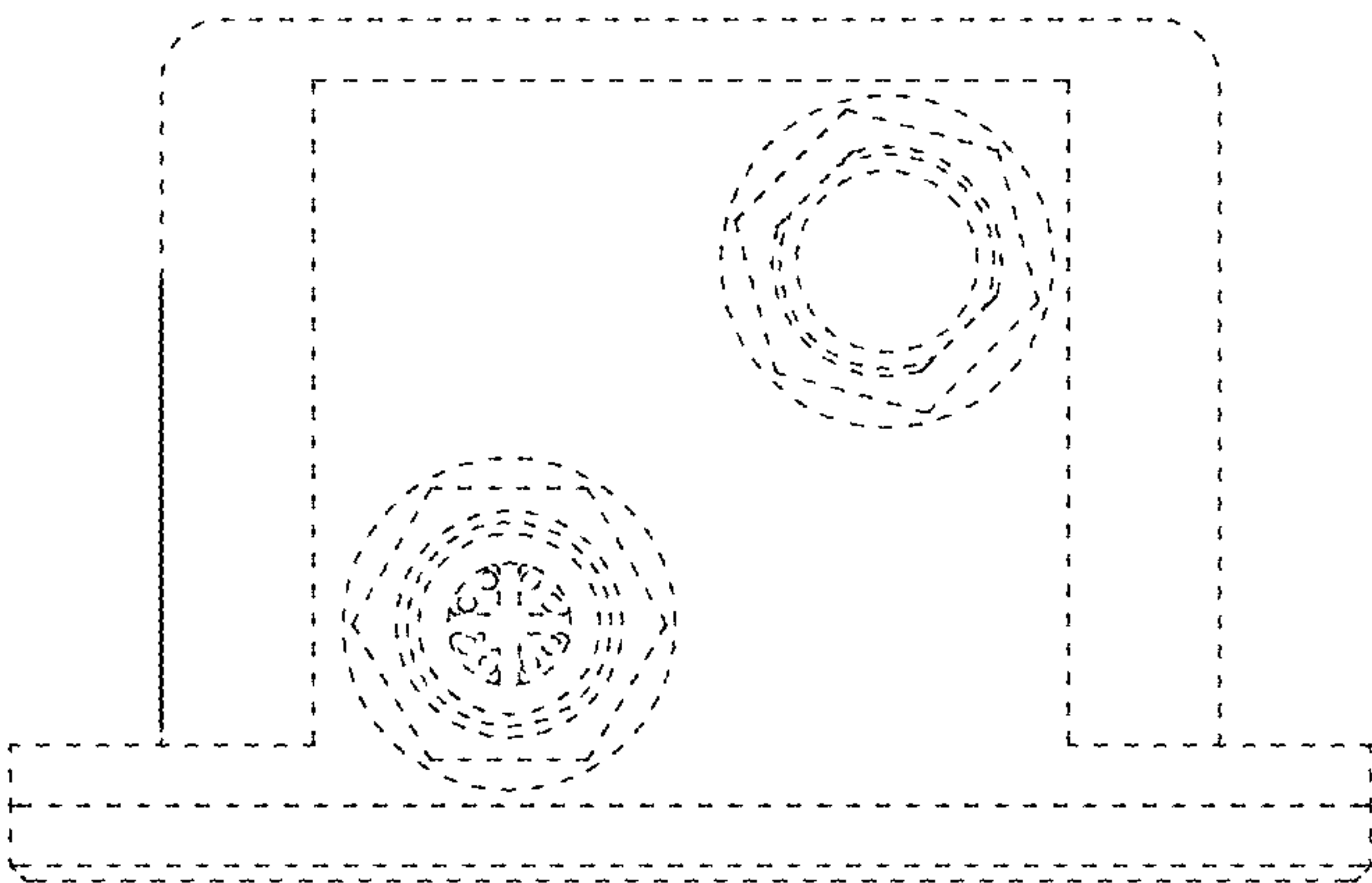


Fig. 6

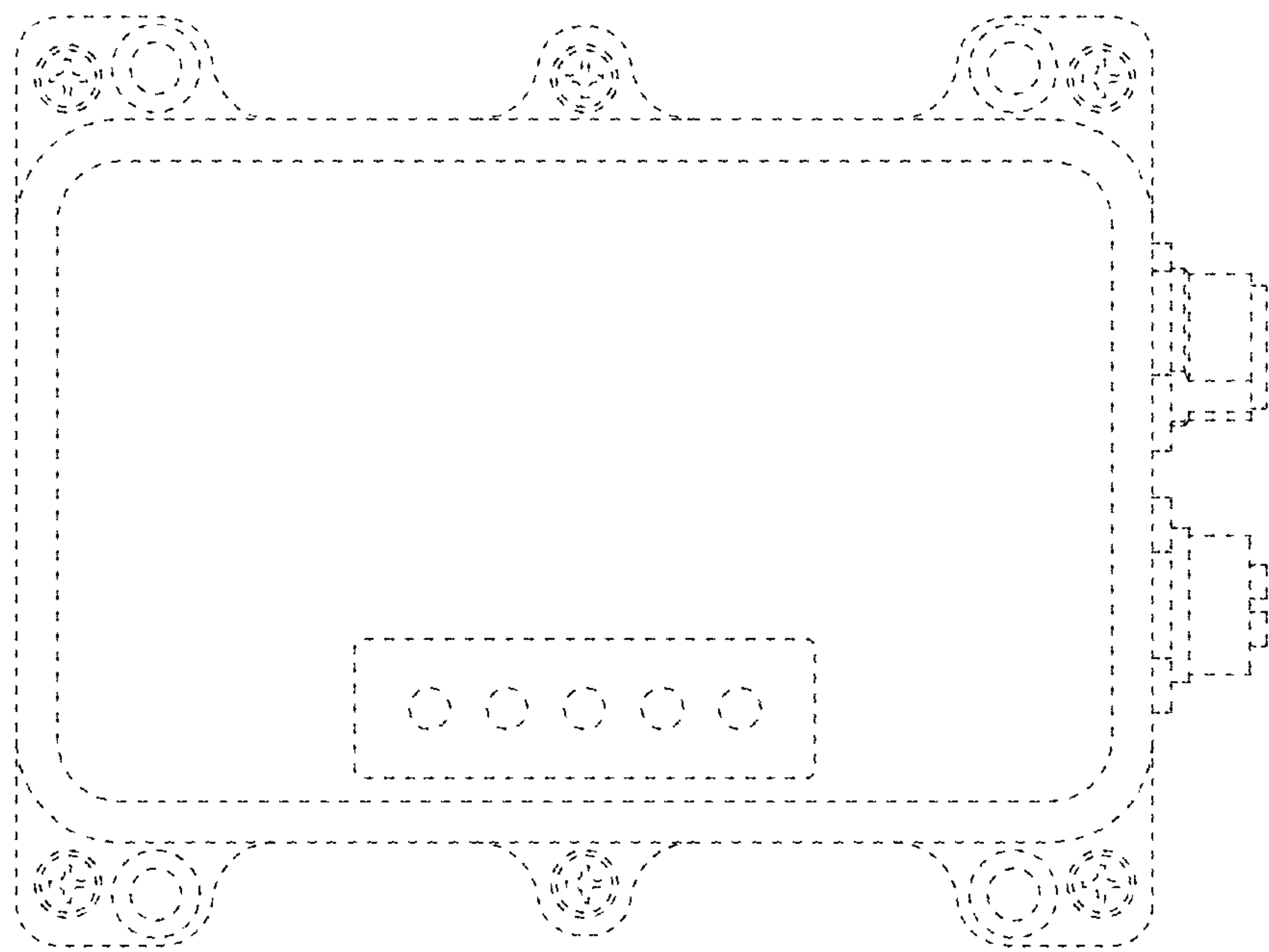


Fig. 7

