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

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(54) **MICROFLUIDIC CARTRIDGE**

OTHER PUBLICATIONS

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U.S. Appl. No. 60/645,784, filed Jan. 21, 2005, Handique et al.

\* cited by examiner

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(57) **CLAIM**

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

The ornamental design for a microfluidic cartridge, as shown and described.

(21) Appl. No.: **29/263,444**

(22) Filed: **Jul. 21, 2006**

**Related U.S. Application Data**

**DESCRIPTION**

(63) Continuation of application No. 29/257,030, filed on Mar. 27, 2006.

FIG. 1 is a front perspective view of a microfluidic cartridge showing a first embodiment of the new design;

(51) **LOC (8) Cl.** ..... **24-01**

FIG. 2 is a top plan view of the first embodiment of the cartridge shown in FIG. 1;

(52) **U.S. Cl.** ..... **D24/224**

(58) **Field of Classification Search** ..... D24/216–230;  
422/58, 61, 101, 102, 104; 435/287.2, 287.3  
See application file for complete search history.

FIG. 3 is a front elevation view of the first embodiment of the cartridge shown in FIG. 1;

(56) **References Cited**

FIG. 4 is a rear elevation view of the first embodiment of the cartridge shown in FIG. 1;

U.S. PATENT DOCUMENTS

FIG. 5 is a first side elevation view of the first embodiment of the cartridge shown in FIG. 1;

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FIG. 6 is a second side elevation view of the first embodiment of the cartridge shown in FIG. 1;

FIG. 7 is a front perspective view of the second embodiment of the microfluidic cartridge of the new design; and,

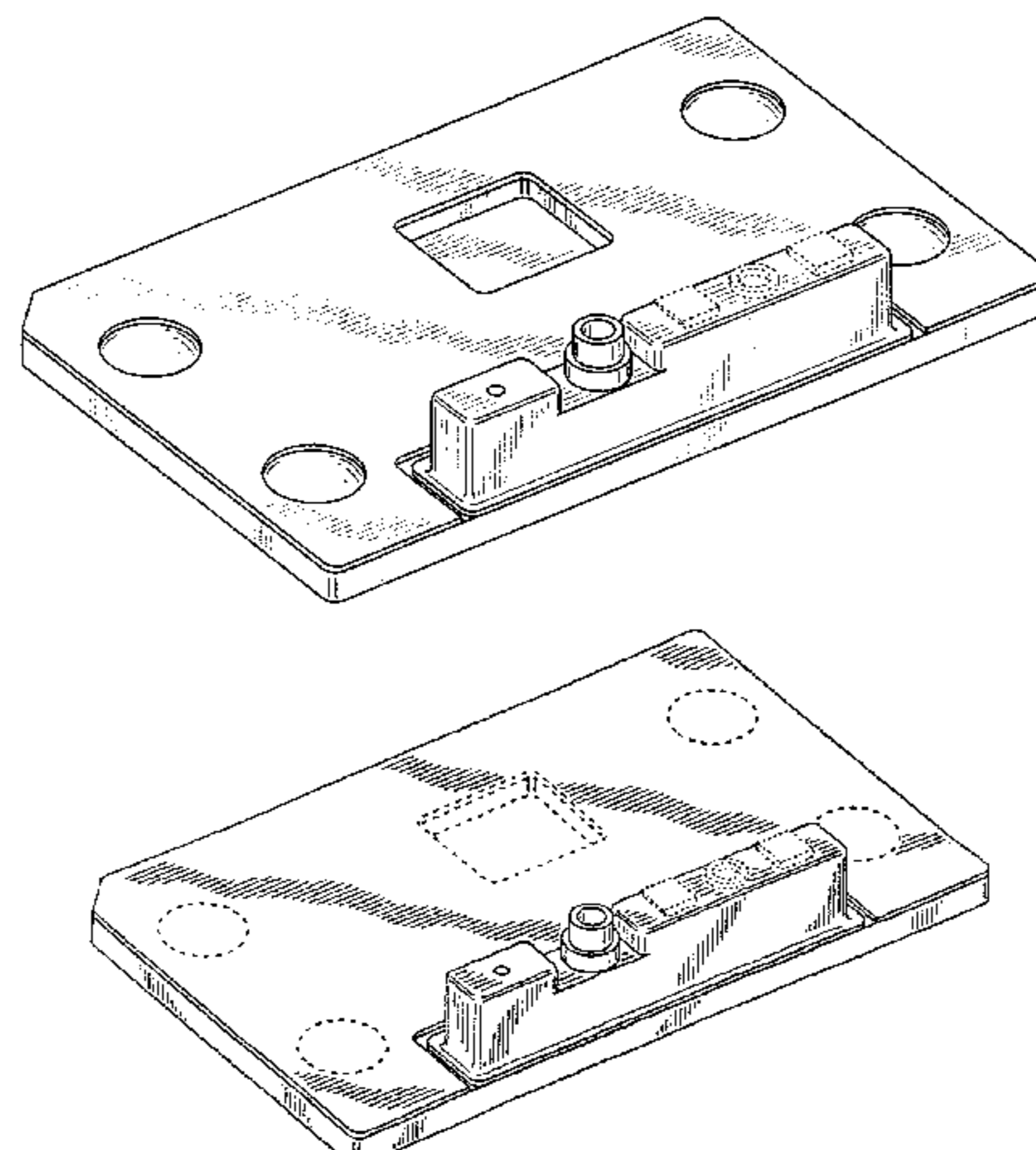
FIG. 8 is a top plan view thereof, the front elevation, rear elevation, first and second side elevation views being identical to the respective views of the first embodiment, as shown respectively in FIGS. 3, 4, 5 and 6 herein.

The broken lines shown in FIGS. 1–8 are for illustrative purposes only and form no part of the claimed design.

FOREIGN PATENT DOCUMENTS

WO WO 2005/108620 11/2005

**1 Claim, 5 Drawing Sheets**



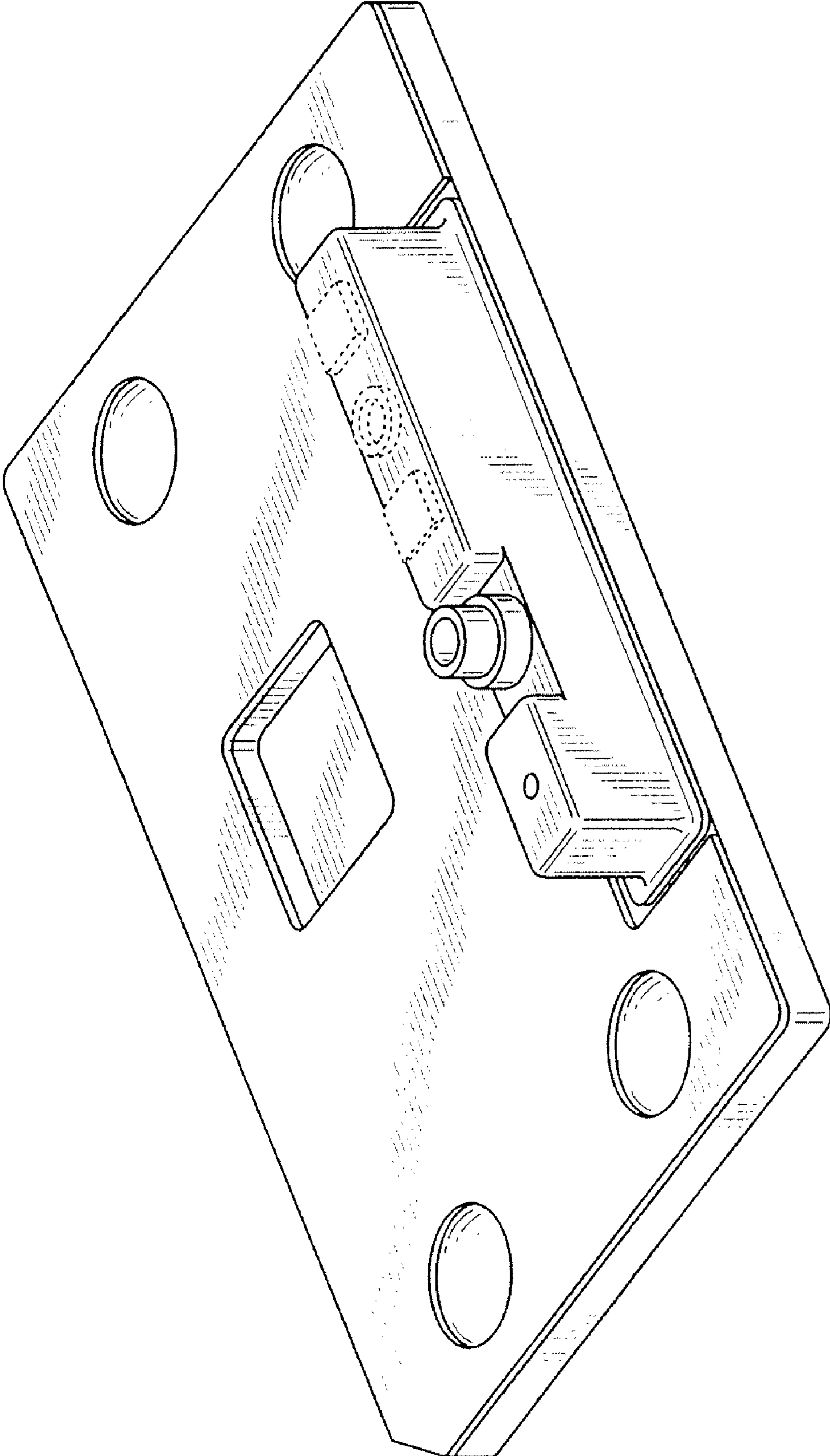
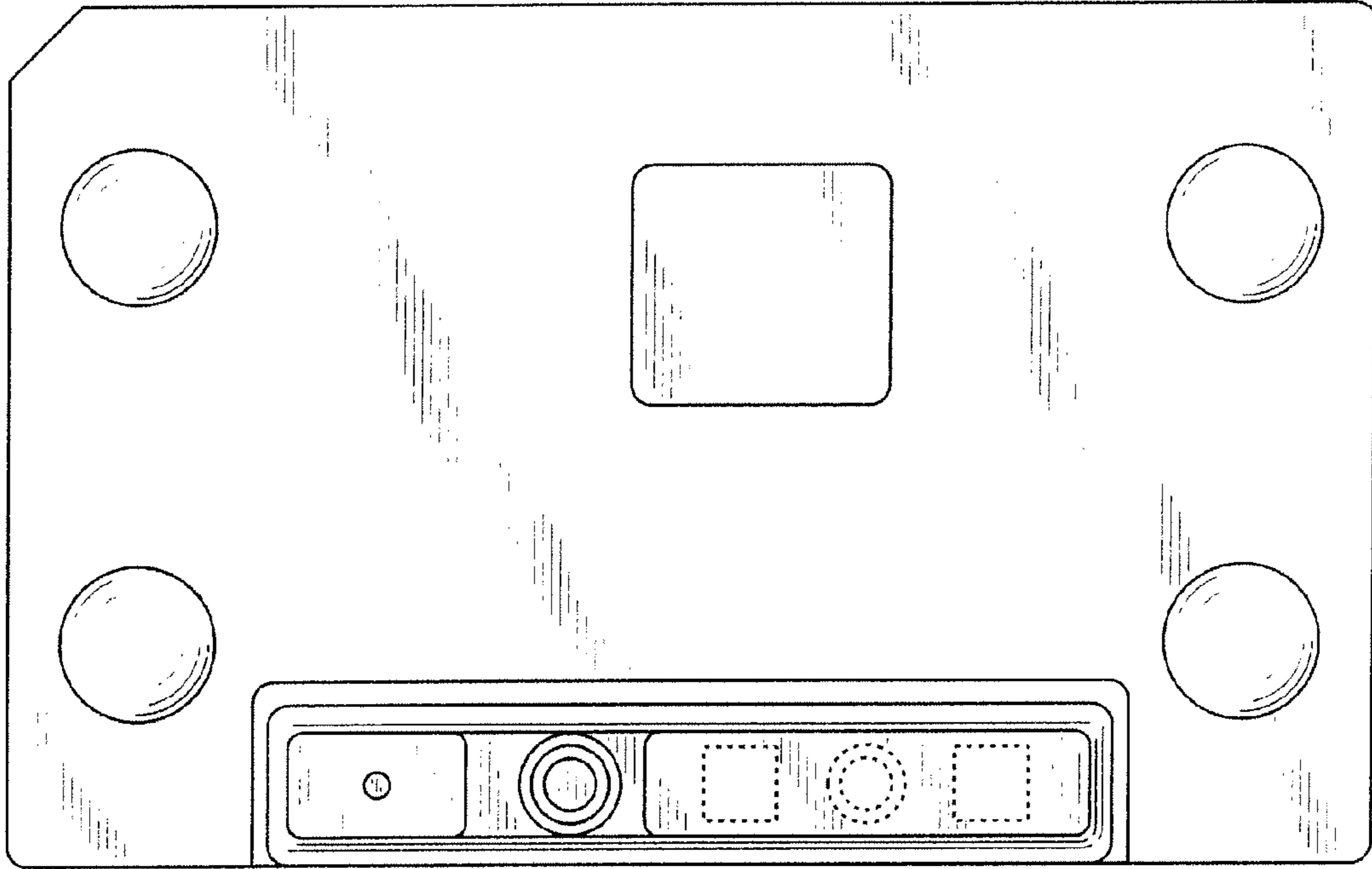
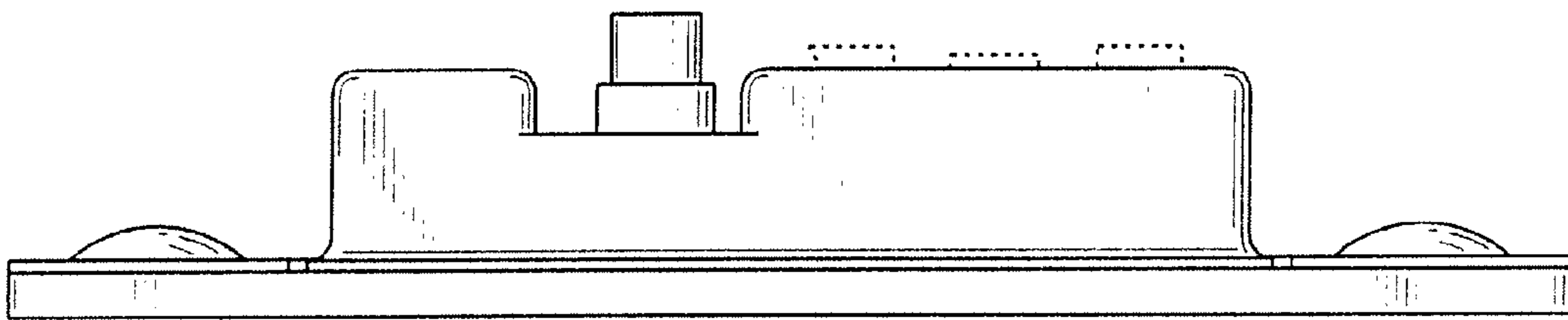


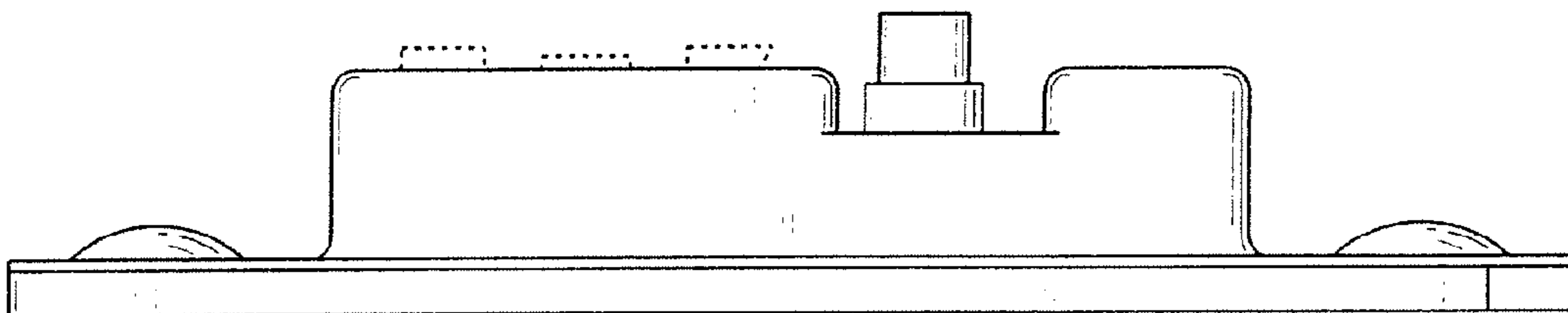
FIG. 1



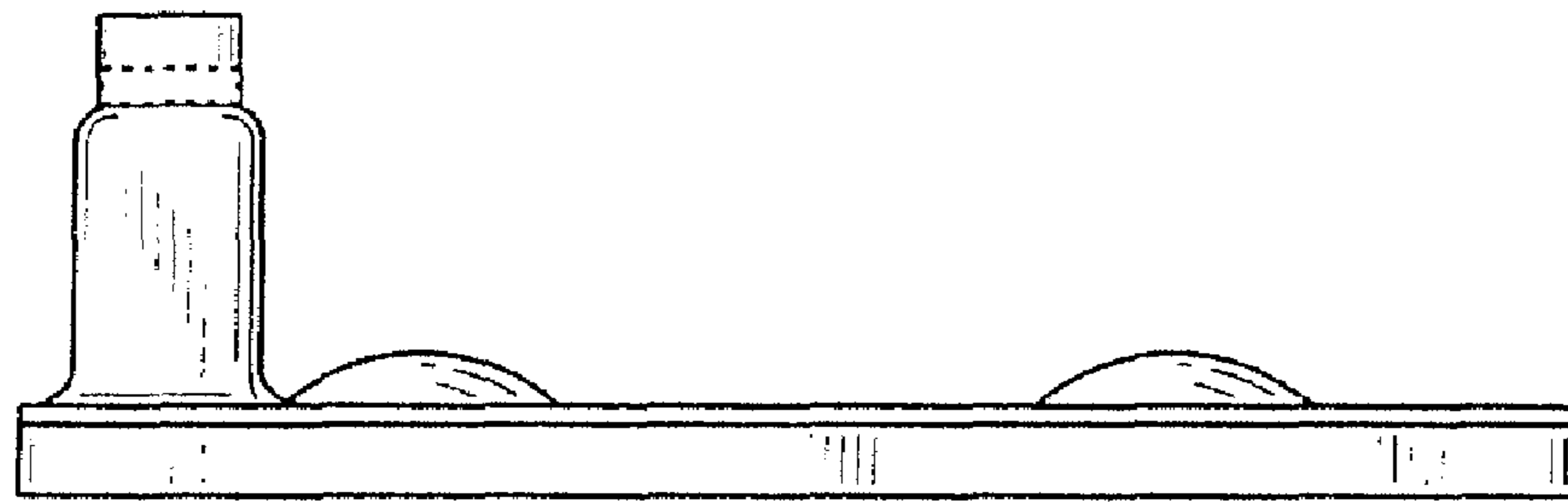
**FIG. 2**



**FIG. 3**



**FIG. 4**



**FIG. 5**



**FIG. 6**

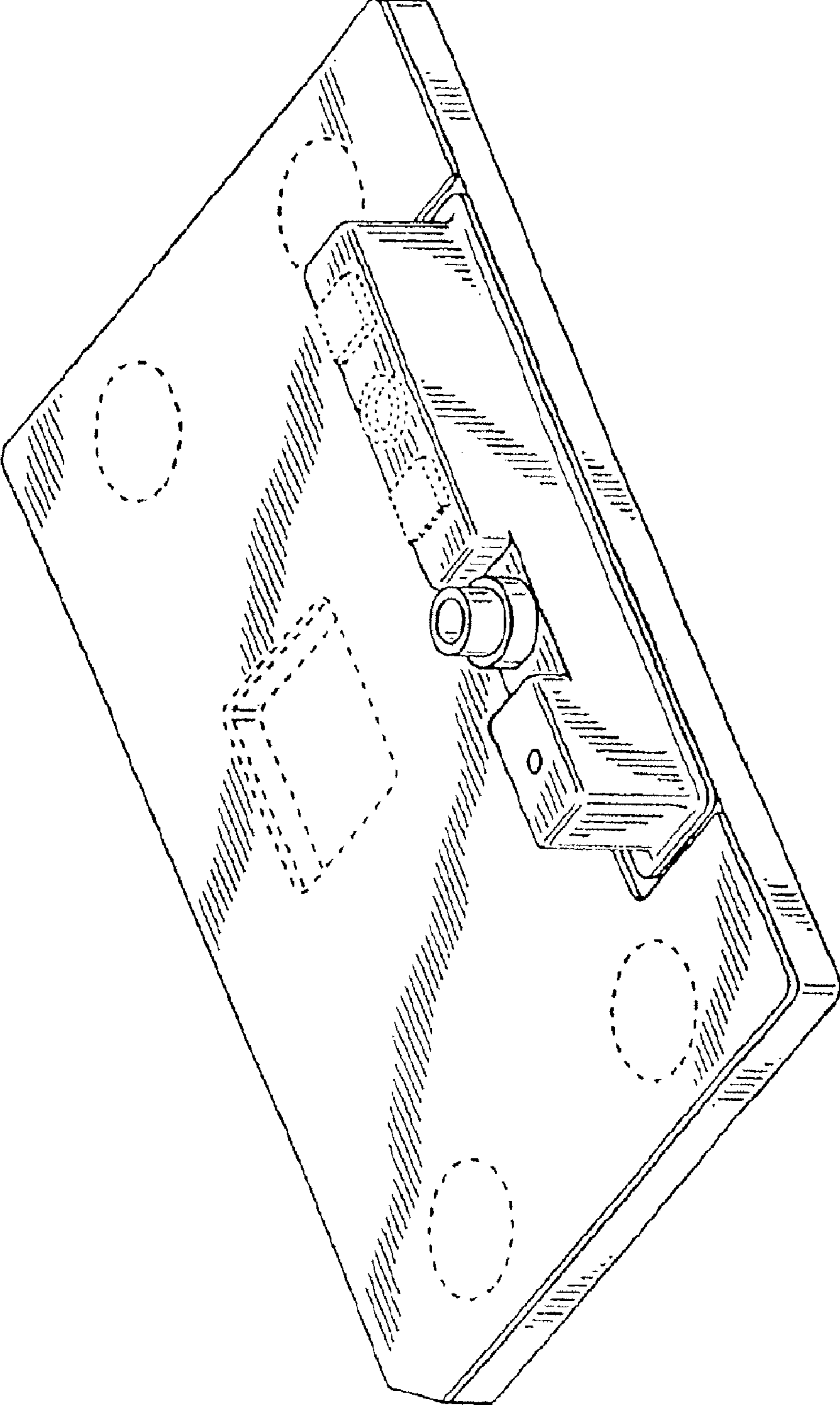
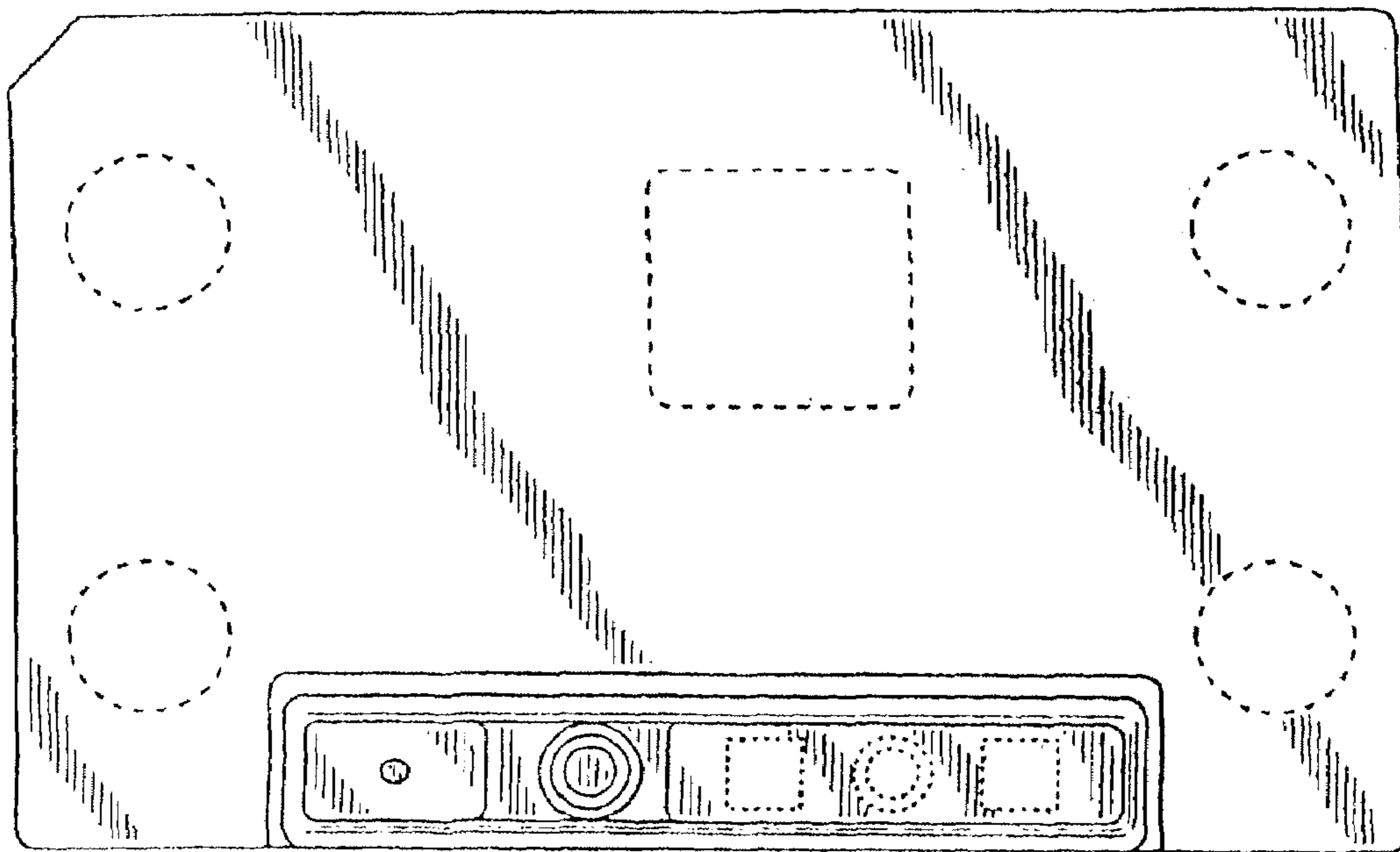


FIG. 7



**FIG. 8**