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(12) **United States Design Patent**
Wang et al.(10) **Patent No.:** US D544,866 S
(45) **Date of Patent:** ** Jun. 19, 2007(54) **FRONT SECURITY KNOB FOR A COMPUTER MEMORY MODULE**(75) Inventors: **Qiang Wang**, Cypress, TX (US); **Minh H. Nguyen**, Katy, TX (US); **Alan B. Doerr**, Magnolia, TX (US)(73) Assignee: **Hewlett-Packard Development Company, L.P.**, Houston, TX (US)(**) Term: **14 Years**(21) Appl. No.: **29/235,639**(22) Filed: **Aug. 3, 2005**(51) **LOC (8) Cl. 14-02**(52) **U.S. Cl. D14/438**(58) **Field of Classification Search** 116/319-20, 116/302, 315, 311-12, 335-36, 309; D14/435, D14/438, 439, 194, 196, 198, 162, 168; D8/343, D8/341, 306, 307, 310, 311, 300, 337, 338; D32/3, 28, 22, 32; 24/580.1, DIG. 54; 312/223.2; D10/40, 42, 43, 45, 49, 50, 53, 60; D7/328-30, D7/405; 403/276; 74/553, 10.2; 16/441

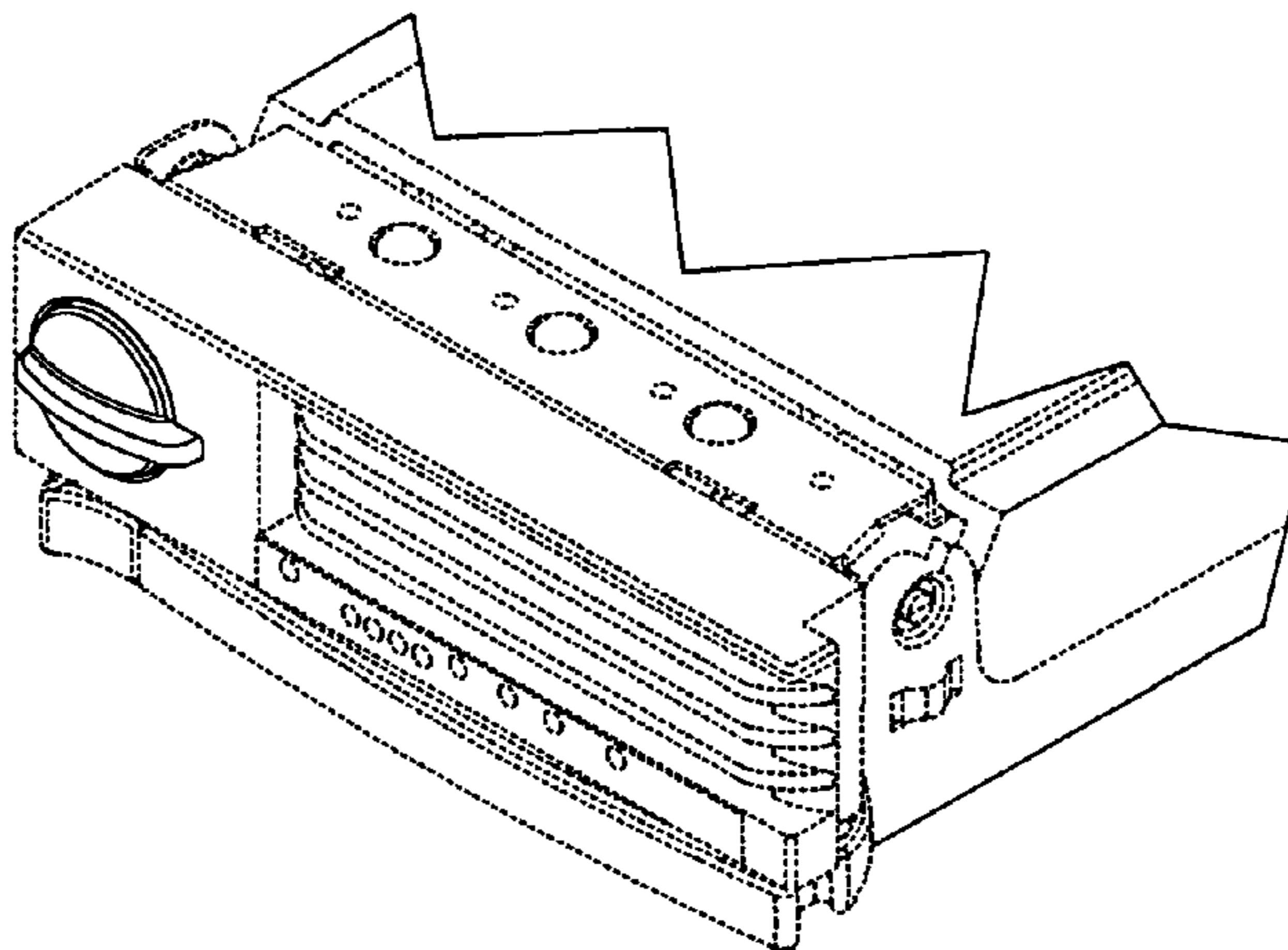
See application file for complete search history.

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 Assistant Examiner—Susan Moon Lee

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CLAIM

We claim the ornamental design for a front security knob for a computer memory module, as shown and described.

DESCRIPTION

FIG. 1 is a partial front perspective view of a front security knob for a computer memory module showing our new

design illustrated in an intermediate position between a lock position and a release position. The module portion is shown broken away;

FIG. 2 is a front elevational view thereof, wherein the front security knob is illustrated in a lock position;

FIG. 3 is a front elevational view thereof, wherein the front security knob is illustrated in a release position;

FIG. 4 is a front elevational view thereof, wherein the front security knob is illustrated in an intermediate position between a lock position and a release position;

FIG. 5 is a top elevational view thereof, wherein the front security knob is illustrated in an intermediate position between a lock position and a release position as illustrated in FIGS. 1, 4;

FIG. 6 is a bottom elevational view thereof, wherein the front security knob is illustrated in the context of a front latching arm disposed in a latched position that is secured by a lock position as illustrated in FIG. 2;

FIG. 7 is a partial front perspective view thereof, wherein the front security knob is illustrated in the context of a front latching arm disposed in a released latch position permitted by a release position of the front security knob as illustrated in FIG. 3;

FIG. 8 is a bottom elevational view thereof, wherein the front security knob is illustrated in an intermediate position between a lock position and a release position as illustrated in FIGS. 1, 4, wherein the front security knob is illustrated in context of a front latching arm disposed in a release latch position permitted by a release position of the front security knob as illustrated in FIG. 3;

FIG. 9 is a partial front perspective view thereof, wherein the computer memory module is illustrated in context of a rack mountable computer, e.g., a server, that can be mounted in a rack computer system, wherein the front security knob is illustrated in a lock position as illustrated in FIG. 2; wherein the front latching arm is disposed in a latched position as illustrated in FIG. 6 that is secured by a lock position of the front security knob; and,

FIG. 10 is a front elevational view thereof, wherein the computer memory module is illustrated in the context of a rack mountable computer, eg., a server, that can be mounted in a rack computer system, wherein the front security knob is illustrated in a lock position as illustrated in FIG. 2; wherein the front latching arm is disposed in a latched position as illustrated in FIG. 6 that is secured by a lock position of the front security knob.

In these drawings, the solid lines illustrate the claimed ornamental design, whereas the broken lines illustrate environmental features that form no part of the claimed ornamental design of the subject embodiment.

1 Claim, 6 Drawing Sheets

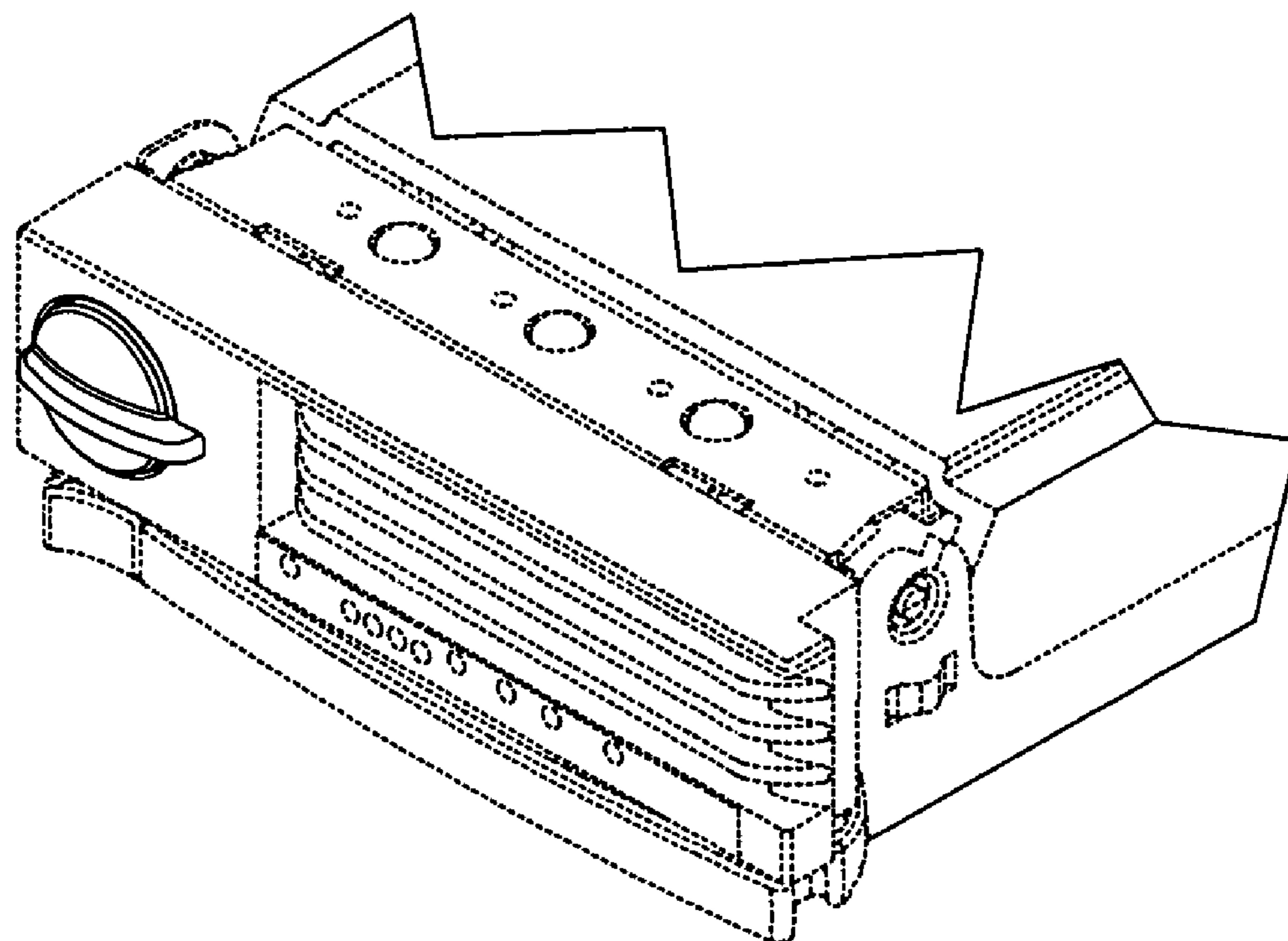


FIG.1

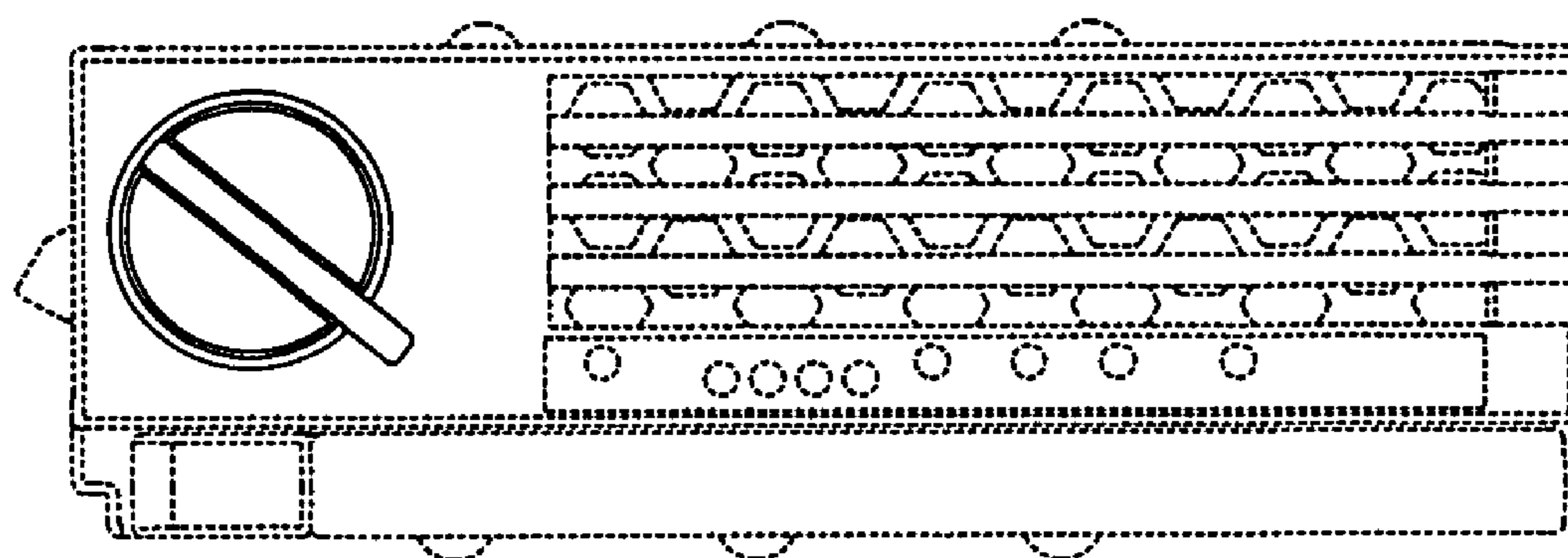


FIG.2

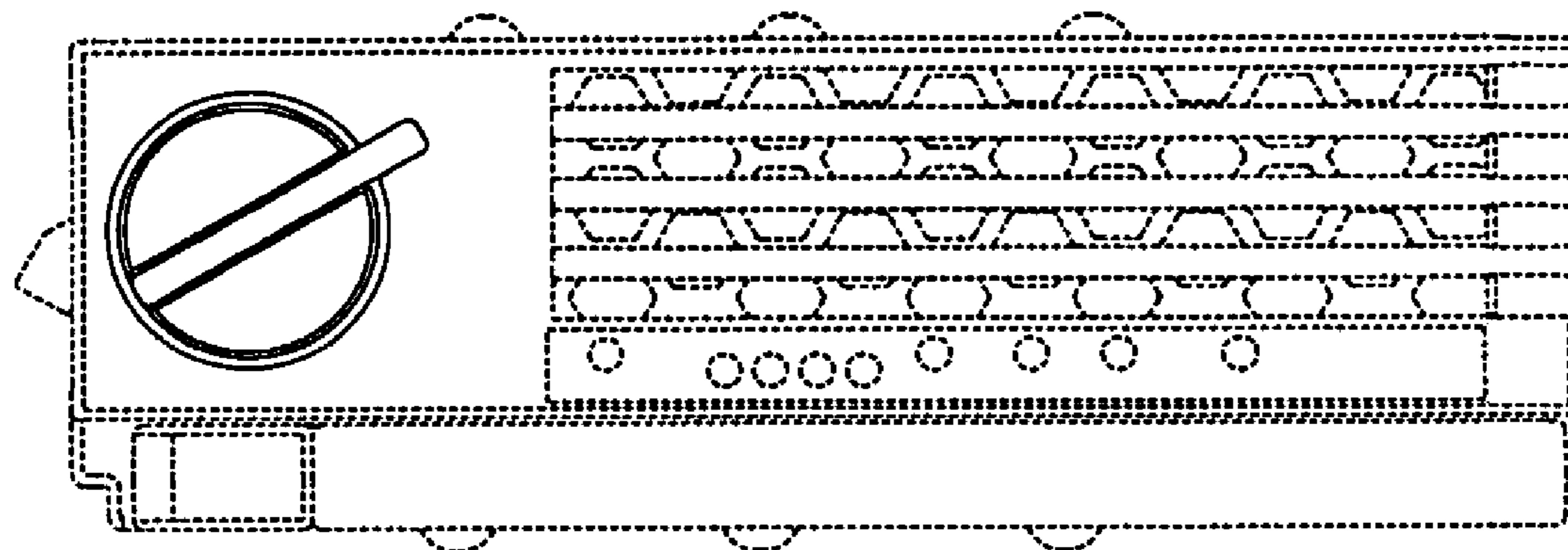


FIG.3

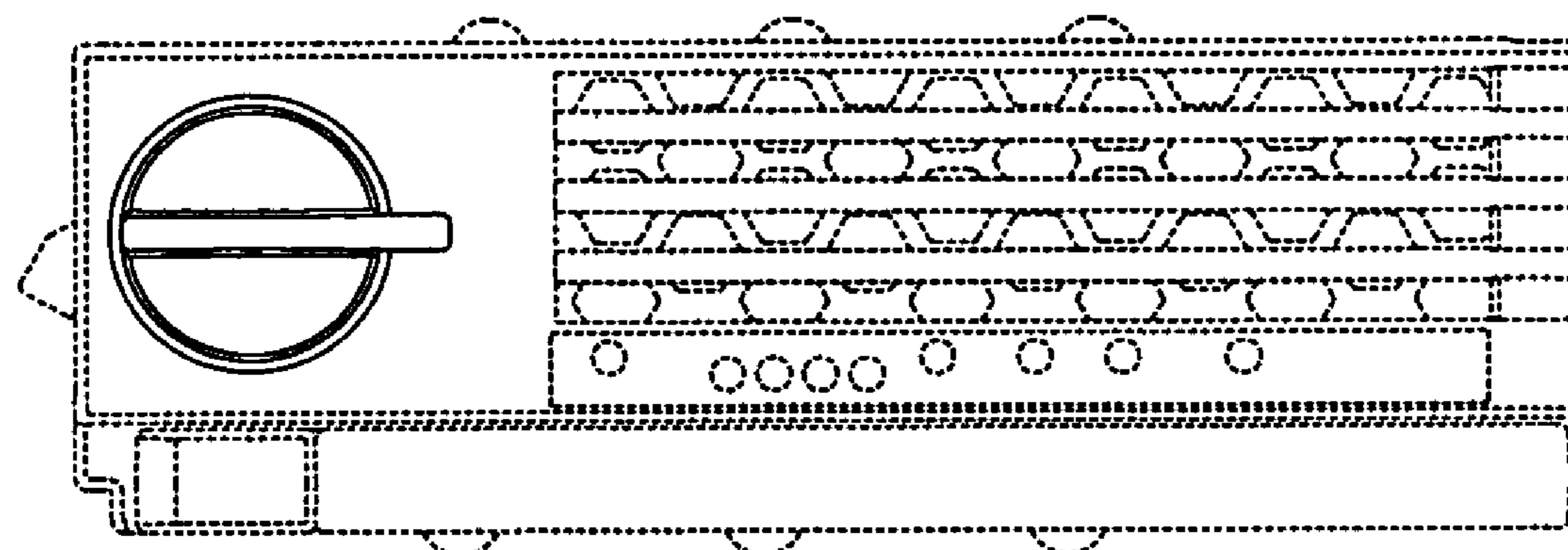


FIG.4

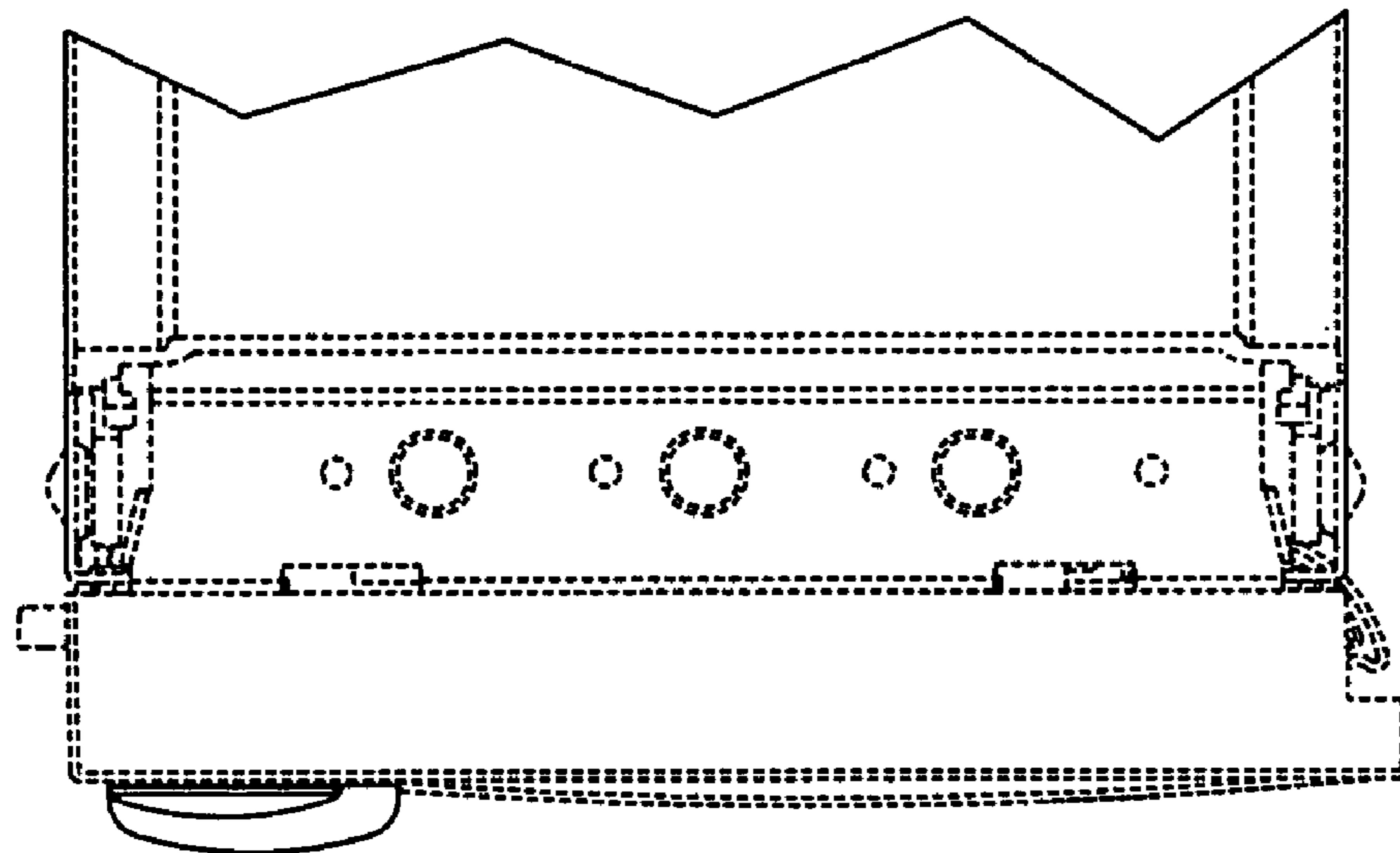


FIG.5

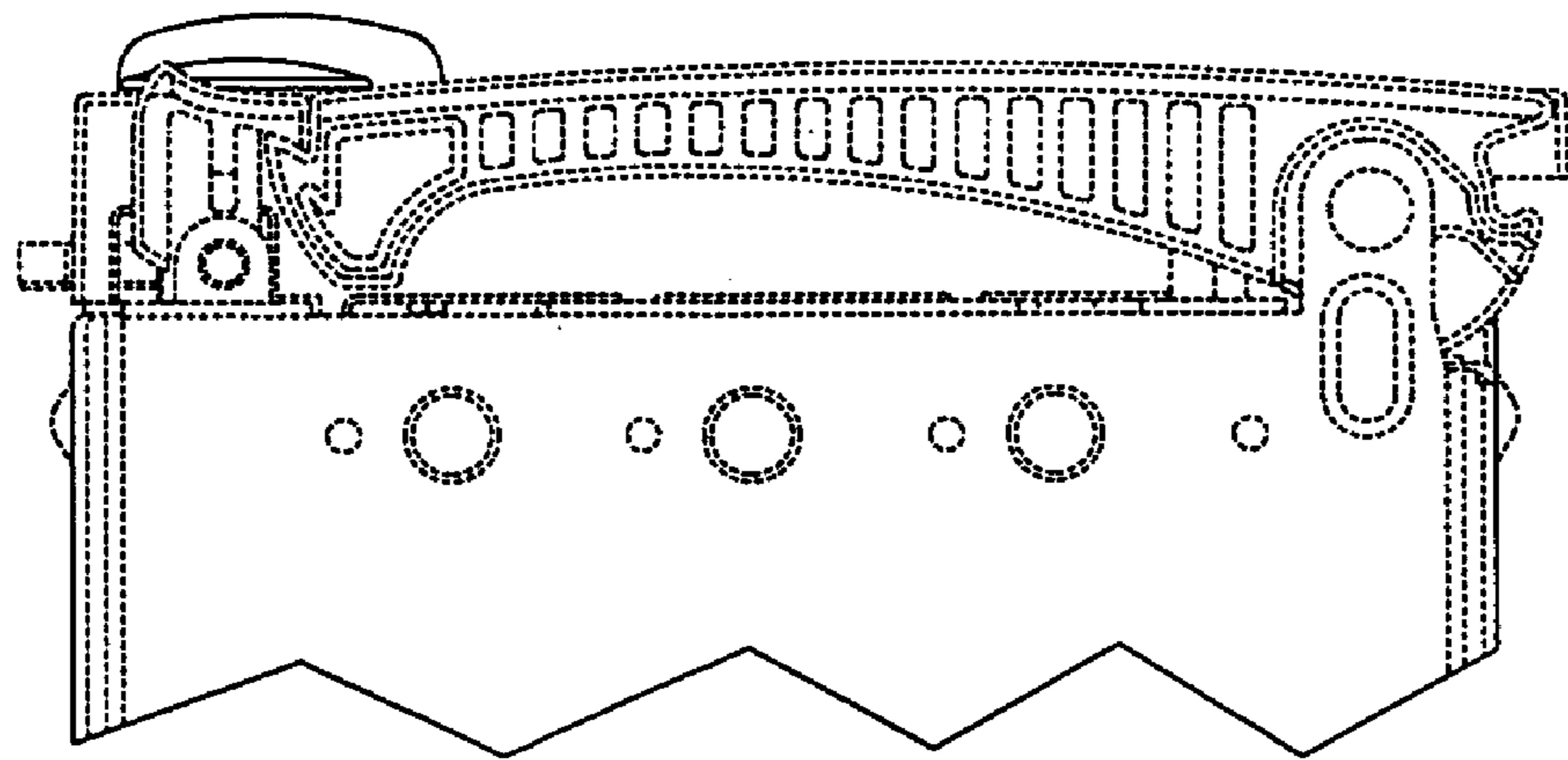


FIG.6

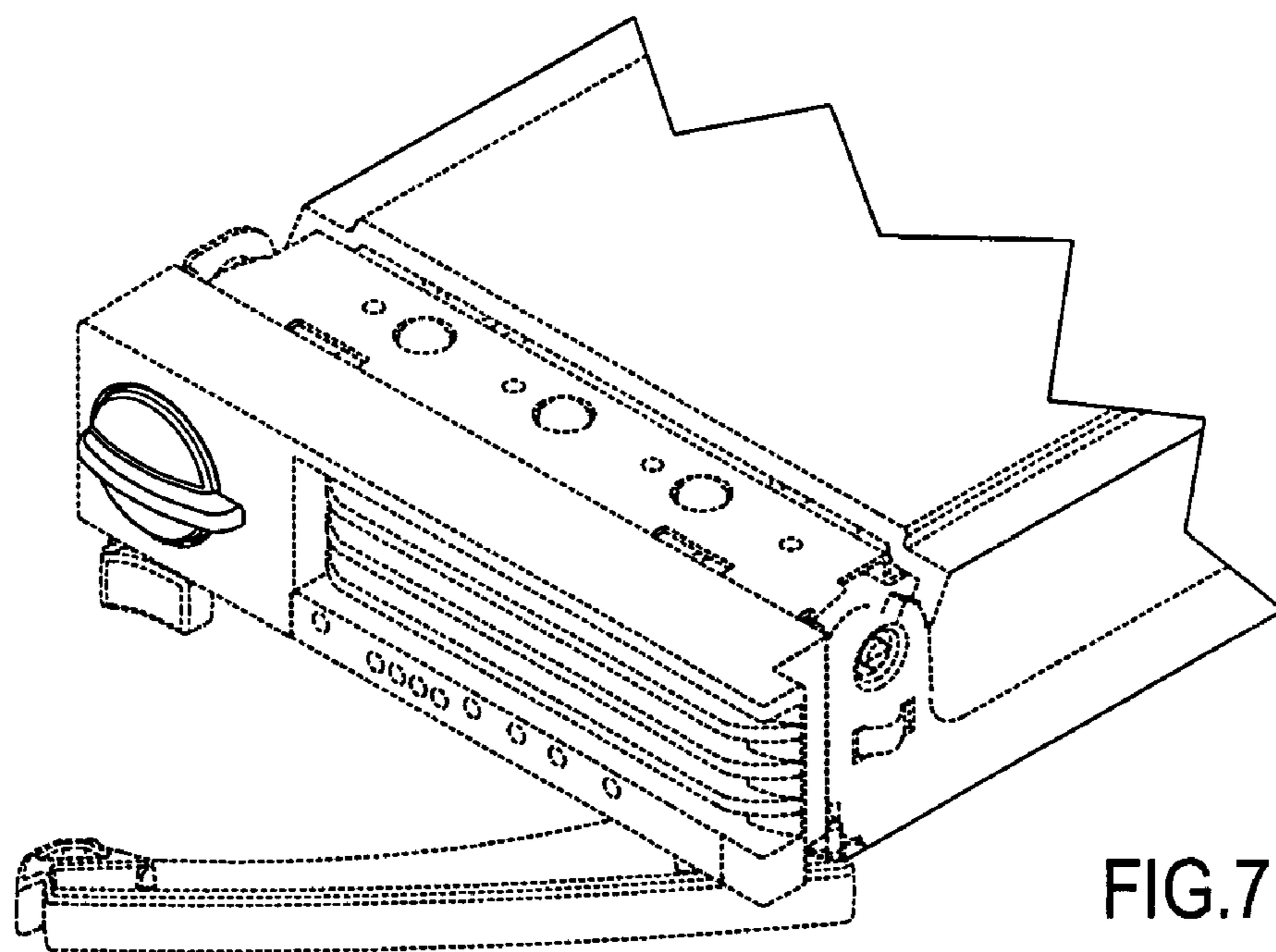


FIG.7

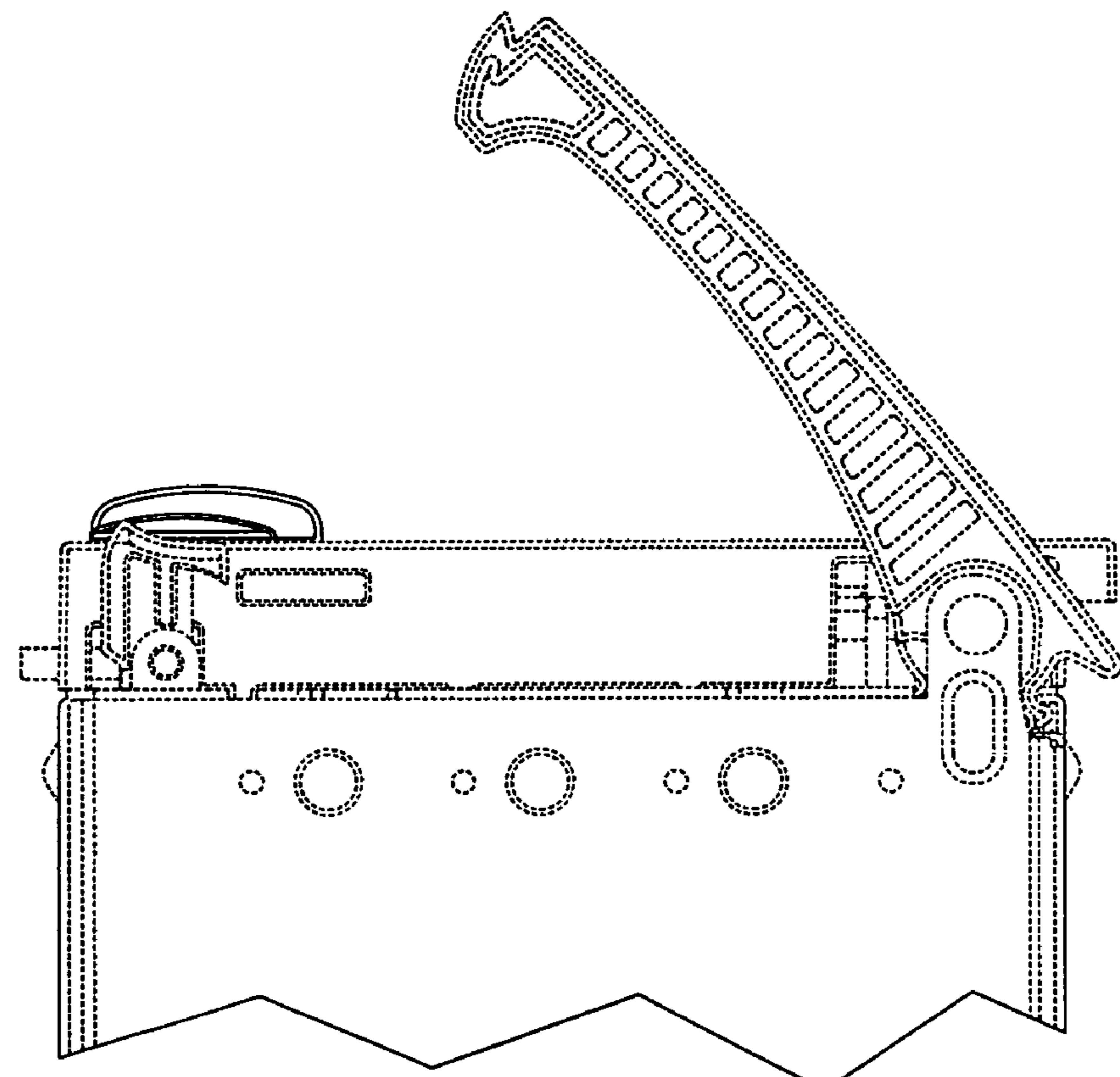


FIG.8

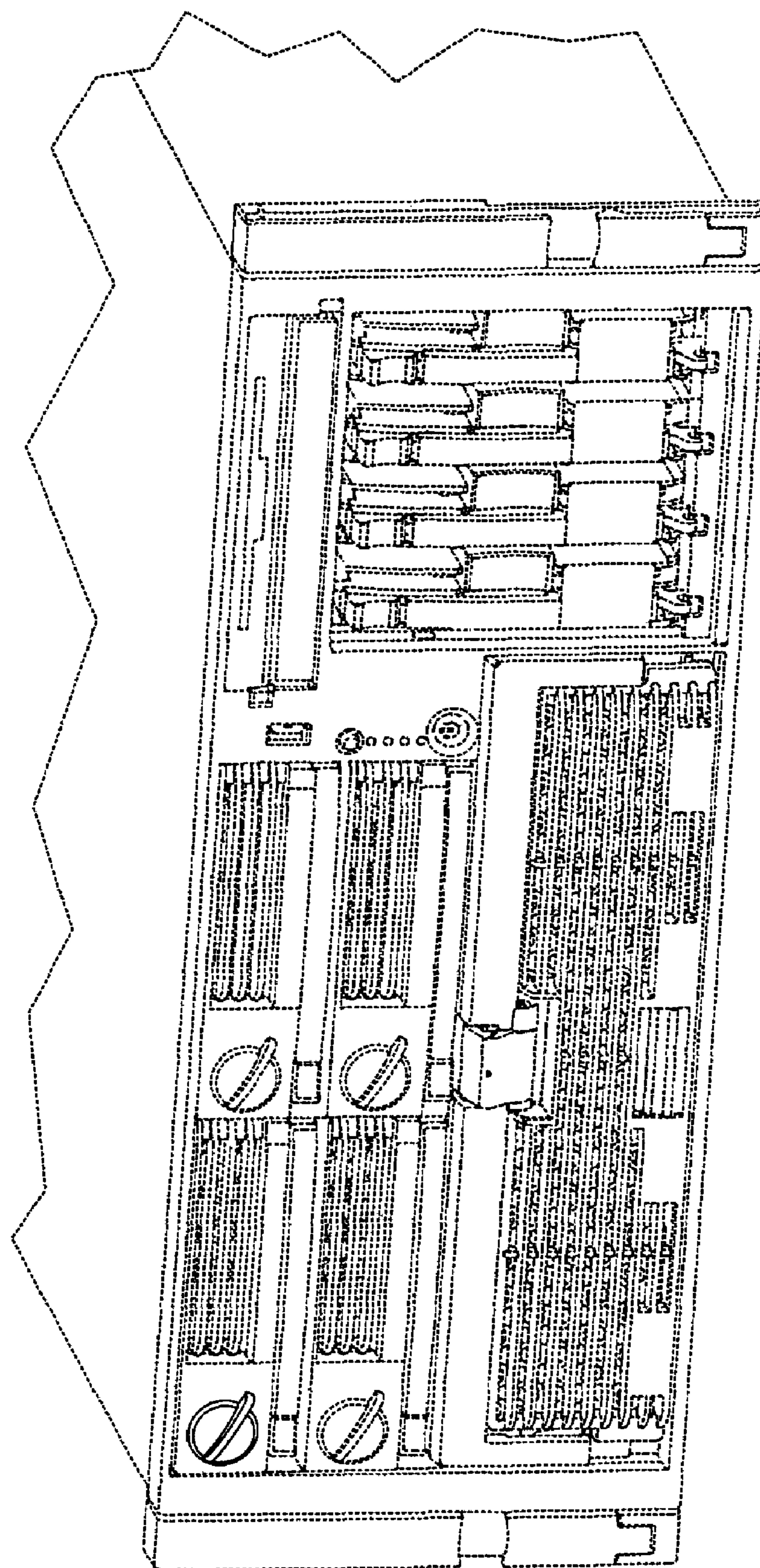


FIG. 9

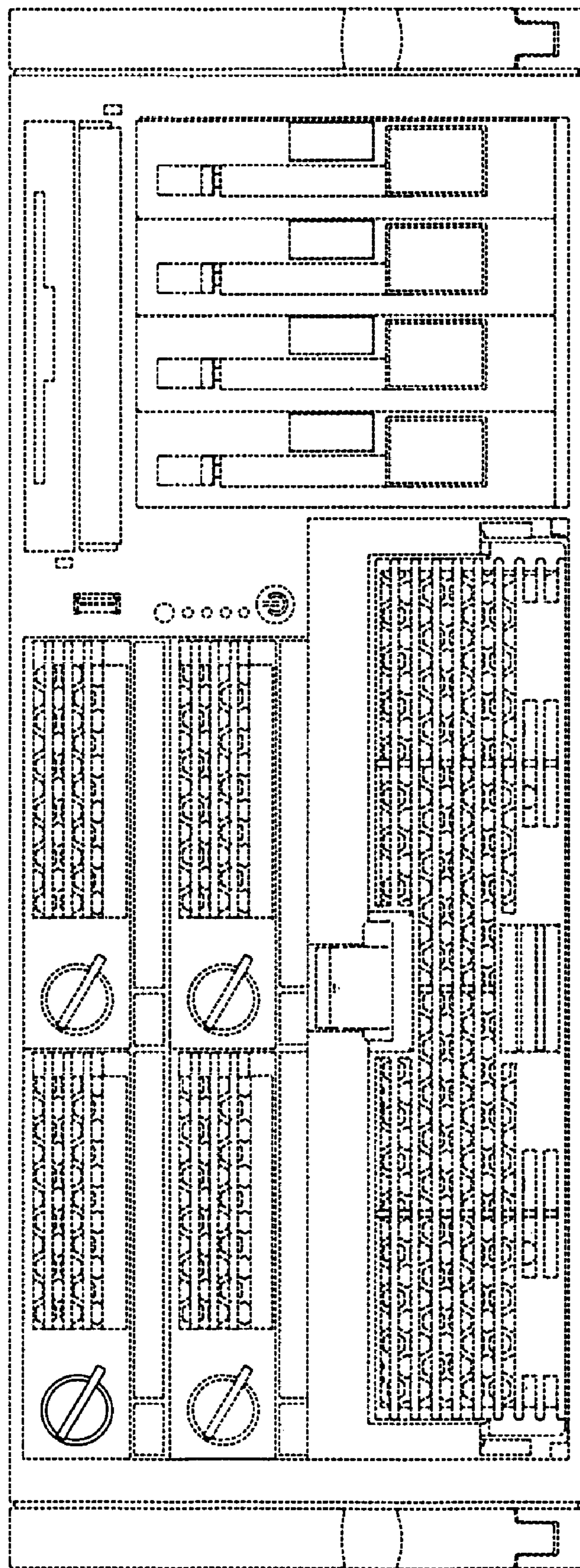


FIG. 10