



US00D541285S

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

(10) **Patent No.: US D541,285 S**  
(45) **Date of Patent: \*\* Apr. 24, 2007**

(54) **COMPUTER PROCESSOR MODULE  
HAVING A FRONT RELEASE MECHANISM**

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

(21) Appl. No.: **29/235,642**

(22) Filed: **Aug. 3, 2005**

(51) **LOC (8) Cl. .... 14-02**

(52) **U.S. Cl. .... D14/445**

(58) **Field of Classification Search** ..... D14/441-446,  
D14/363-368, 439; D13/182, 184, 199; 312/223.1-223.3;  
361/680-686, 690-696; 369/34.01, 36.01  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D308,671 S	6/1990	Aderman et al.
4,941,841 A	7/1990	Darden et al.
D338,662 S	8/1993	Sharp
D348,051 S	6/1994	Noble
D362,433 S	9/1995	Chen
D399,193 S	10/1998	Chang
D401,569 S	11/1998	Massaro
D409,592 S	5/1999	Prestigomo
D409,593 S	5/1999	Prestigomo
D410,912 S	6/1999	Bloch et al.
6,000,769 A	12/1999	Chen
D419,147 S	1/2000	Tanzer et al.
6,052,278 A	4/2000	Tanzer et al.
D428,014 S	7/2000	Bostedt et al.
6,088,221 A	7/2000	Bologna
D431,245 S	9/2000	Searby et al.
D434,395 S	11/2000	Mazzetti et al.
6,154,361 A	11/2000	Anderson et al.
D442,151 S	5/2001	Mazzetti et al.
6,247,944 B1	6/2001	Bologna et al.
D447,483 S	9/2001	Wu

6,302,714 B1	10/2001	Bologna et al.
D454,881 S	3/2002	Daniels et al.
D455,152 S	4/2002	Caughlan et al.
D455,153 S	4/2002	Gant et al.
D455,154 S	4/2002	Daniels et al.
D455,752 S	4/2002	Gant et al.
D455,753 S	4/2002	Daniels et al.
D455,754 S	4/2002	Gant et al.
D458,924 S	6/2002	Tsuyuki et al.
D460,457 S	7/2002	Caughlan et al.
D461,807 S	8/2002	Kuehn et al.
D461,816 S	8/2002	Caughlan et al.
D462,075 S	8/2002	Hillyard et al.
6,442,021 B1	8/2002	Bologna et al.
D464,056 S	10/2002	Skandalis
6,473,300 B1	10/2002	Youngquist et al.
D470,486 S	2/2003	Cheng
D473,197 S	4/2003	Bovell
D474,186 S	5/2003	Frank et al.
D476,631 S	7/2003	Frank et al.
D481,393 S	10/2003	Alo et al.
D481,394 S	10/2003	Kuehn et al.
6,661,651 B1	12/2003	Tanzer et al.
D485,278 S	1/2004	Wang et al.
D491,570 S	6/2004	Fan et al.
6,891,723 B1	5/2005	Lin et al.
D506,201 S	6/2005	McClelland et al.
D507,000 S	7/2005	Wang
2003/0011979 A1	1/2003	Tanzer et al.
2004/0228083 A1 *	11/2004	Wang et al. .... 361/683
2005/0040740 A1 *	2/2005	Yun ..... 312/223.2
2005/0122676 A1 *	6/2005	Clark et al. .... 361/686
2005/0157461 A1 *	7/2005	Cauthron ..... 361/683

**FOREIGN PATENT DOCUMENTS**

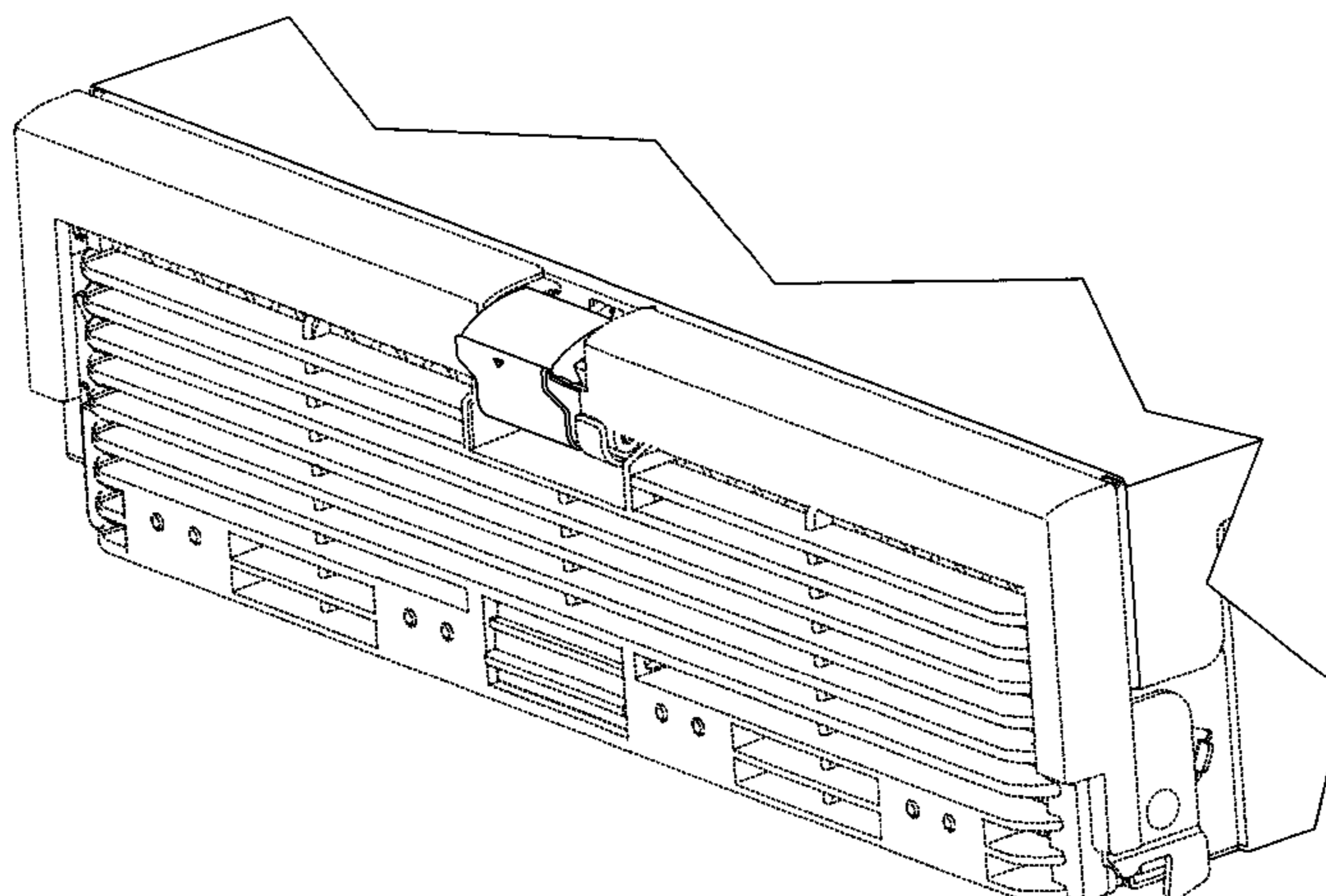
DE M9401797 \* 10/1994

**OTHER PUBLICATIONS**

U.S. Appl. No. 29/209,597, filed Jul. 19, 2004; Belgie B. McClelland II et al.; entitled "Computer Have A Drive Carrier".

U.S. Appl. No. 29/209,868, filed Jul. 21, 2004; Qiang Wang et al.; entitled "Computer Having A Drive Carrier".

U.S. Appl. No. 29/215,148, filed Oct. 14, 2004; Belgie B. McClelland II et al.; entitled "Computer Having A Bezel".



U.S. Appl. No. 29/215,774, filed Oct. 25, 2004; Belgie B. McClelland II et al.; entitled "Computer Having An External Panel".

\* cited by examiner

*Primary Examiner*—Freda S. Nunn

(57) **CLAIM**

The ornamental design for a computer processor module having a front release mechanism, as shown and described.

**DESCRIPTION**

FIG. 1 is an enlarged partial front perspective view of the design for the computer processor module having a front release mechanism in a secured configuration;

FIG. 2 is a front elevational view of the design for the computer processor module having a front release mechanism in a secured configuration as illustrated in FIG. 1;

FIG. 3 is a right side elevational view of the design for the computer processor module having a front release mechanism in a secured configuration as illustrated in FIG. 1, the left side being substantially the same as the illustrated right side;

FIG. 4 is a top elevational view of the design for the computer processor module having a front release mechanism in a secured configuration as illustrated in FIG. 1;

FIG. 5 is a bottom elevational view of the design for the computer processor module having a front release mechanism in a secured configuration as illustrated in FIG. 1;

FIG. 6 is a partial front perspective view of the design for the computer processor module having a front release mechanism as illustrated in FIG. 1, wherein the front release mechanism is illustrated in a partially release configuration;

FIG. 7 is a partial front perspective view of the design for the computer processor module having a front release mechanism as illustrated in FIG. 1, wherein the front release mechanism is illustrated in a fully released configuration;

FIG. 8 is a front elevational view of the design for the computer processor module having a front release mechanism in a fully released configuration as illustrated in FIG. 7;

FIG. 9 is a right side elevational view of the design for the computer processor module having a front release mechanism in a fully released configuration as illustrated in FIG. 7, the left side being substantially the same as the illustrated right side;

FIG. 10 is a top elevational view of the design for the computer processor module having a front release mechanism in a fully released configuration as illustrated in FIG. 7;

FIG. 11 is a bottom elevational view of the design for the computer processor module having a front release mechanism in a fully released configuration as illustrated in FIG. 7;

FIG. 12 is a partial front perspective view of the design for the computer processor module having a front release mechanism as illustrated in FIG. 1, wherein the computer processor module is illustrated in context of a rack mountable computer, e.g., a server, that can be mounted in a rack computer system; and,

FIG. 13 is a front elevational view of the design for the computer processor module having a front release mechanism as illustrated in FIG. 12, wherein the computer processor module is illustrated in context of a rack mountable computer, e.g., a server, that can be mounted in a rack computer system.

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, 13 Drawing Sheets**

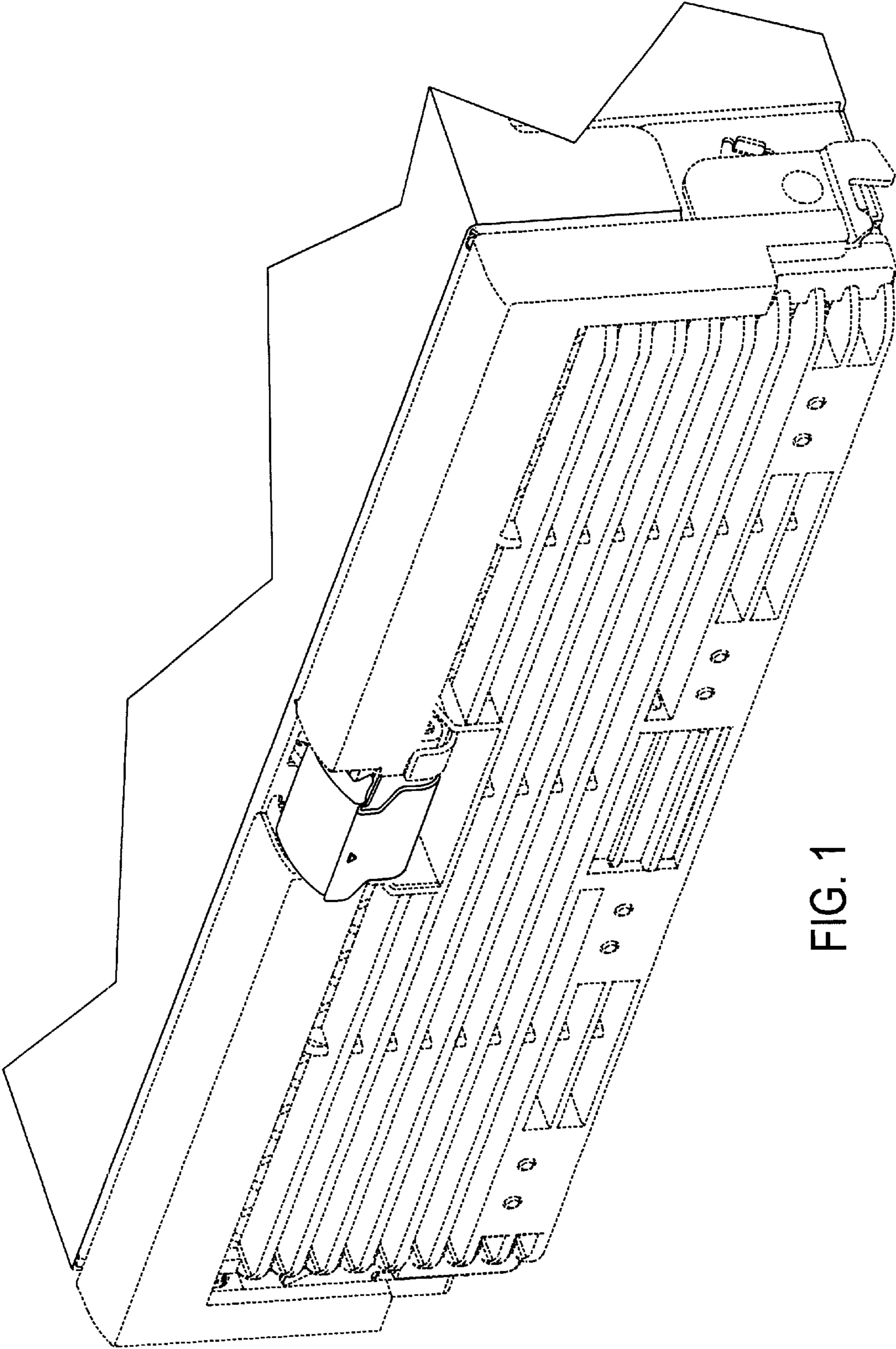


FIG. 1

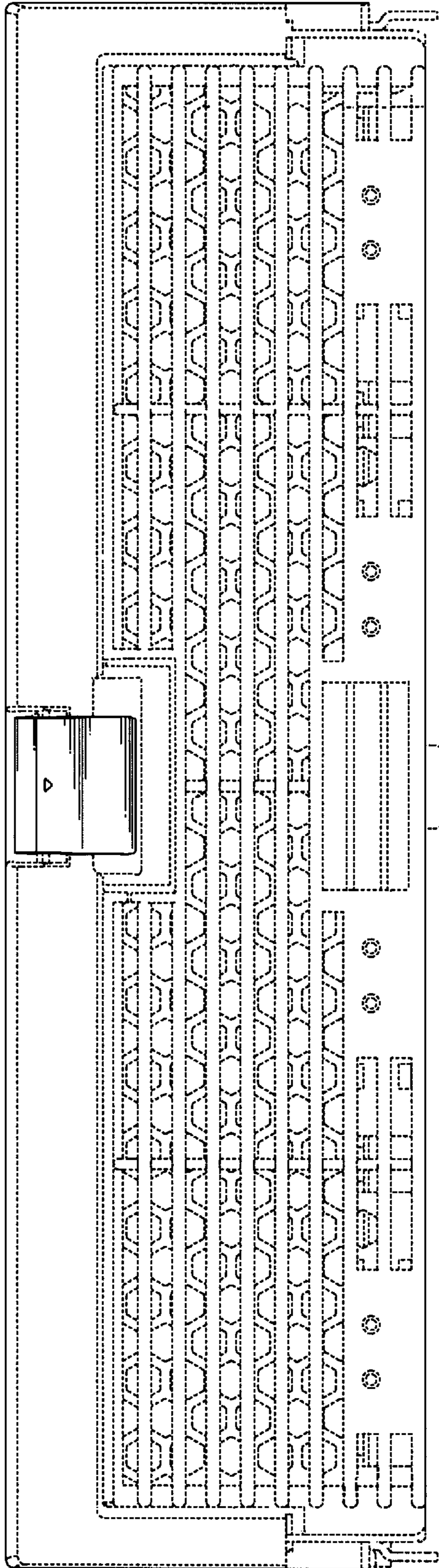


FIG. 2

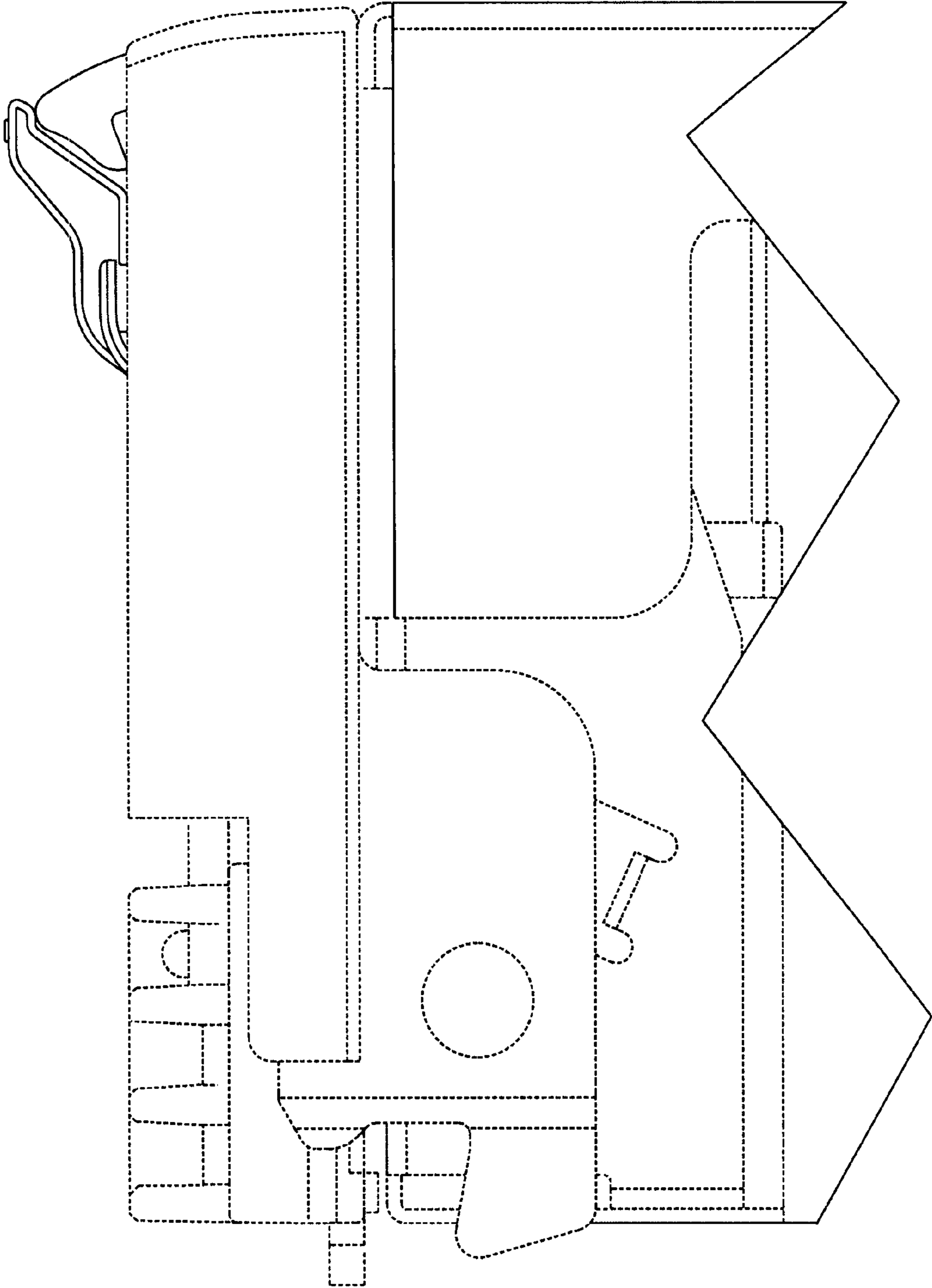


FIG. 3

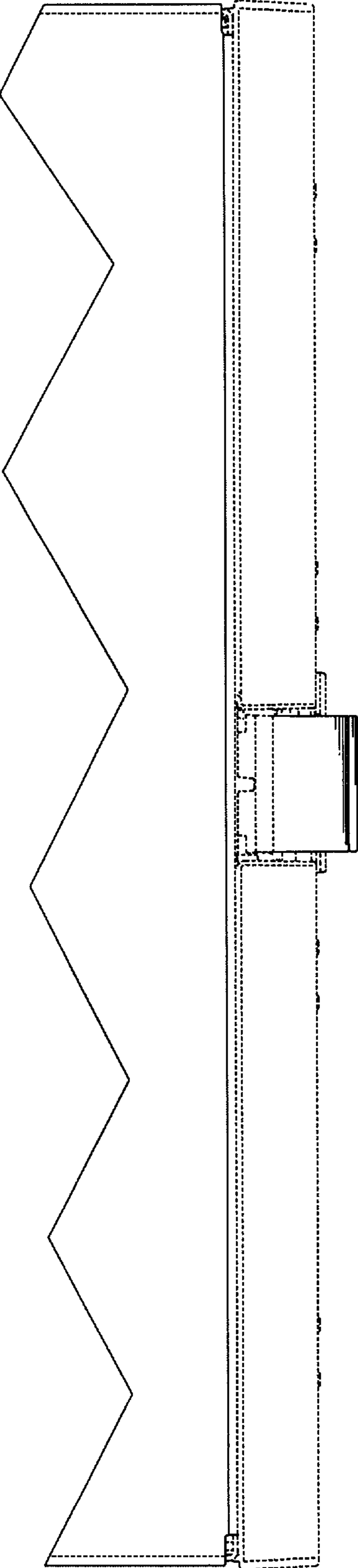


FIG. 4

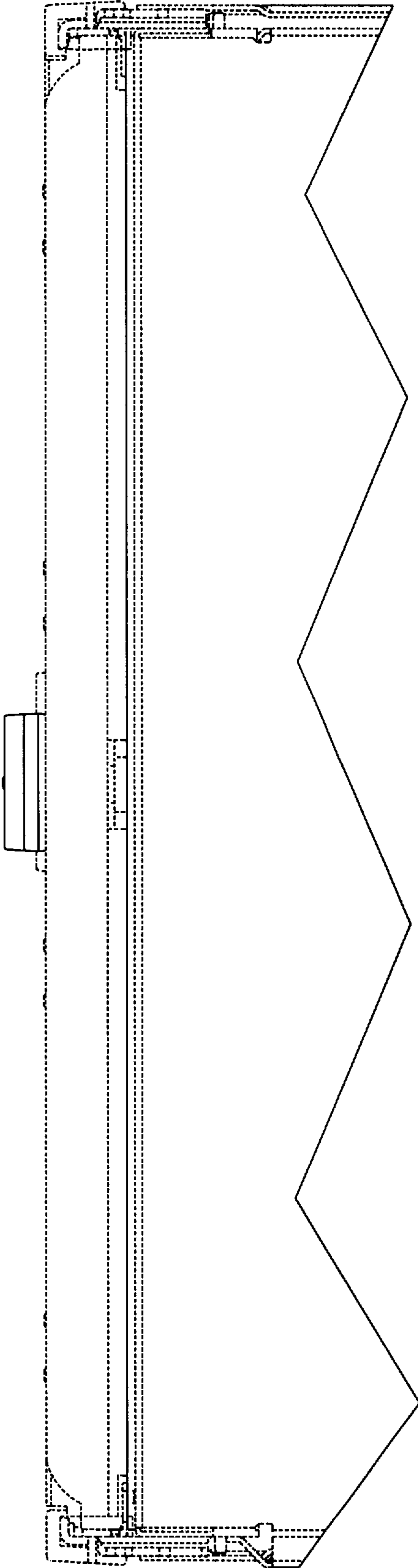


FIG. 5

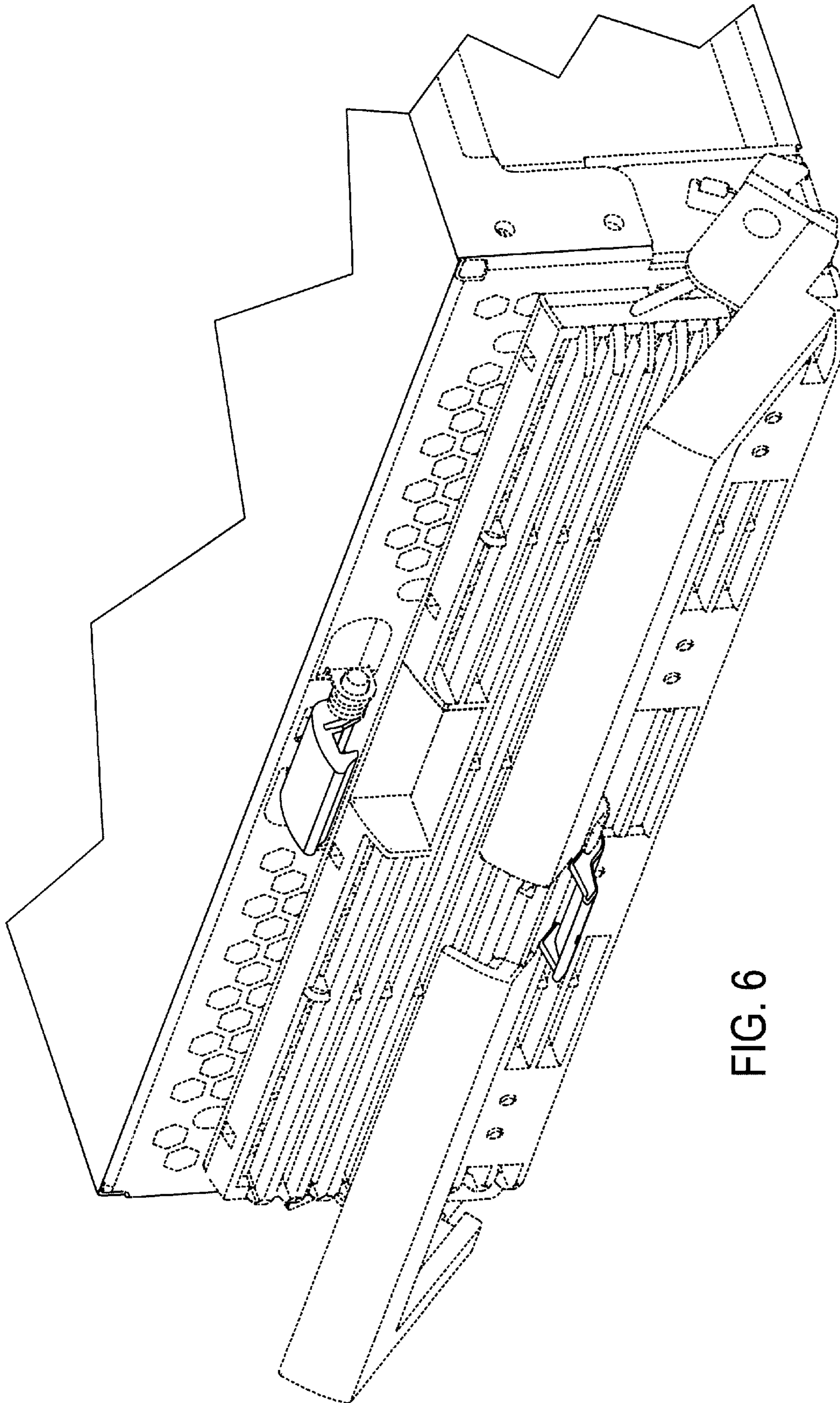


FIG. 6



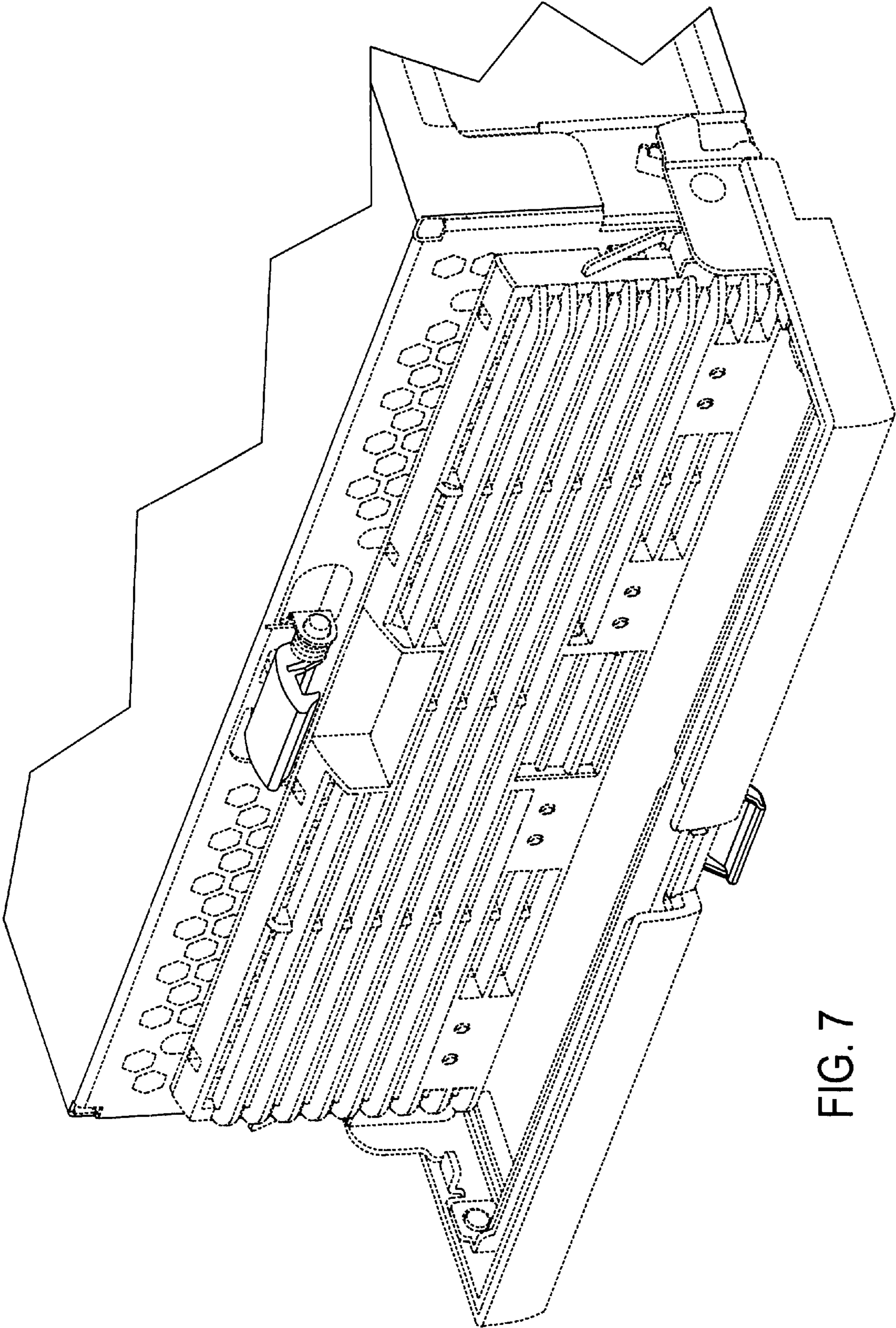


FIG. 7

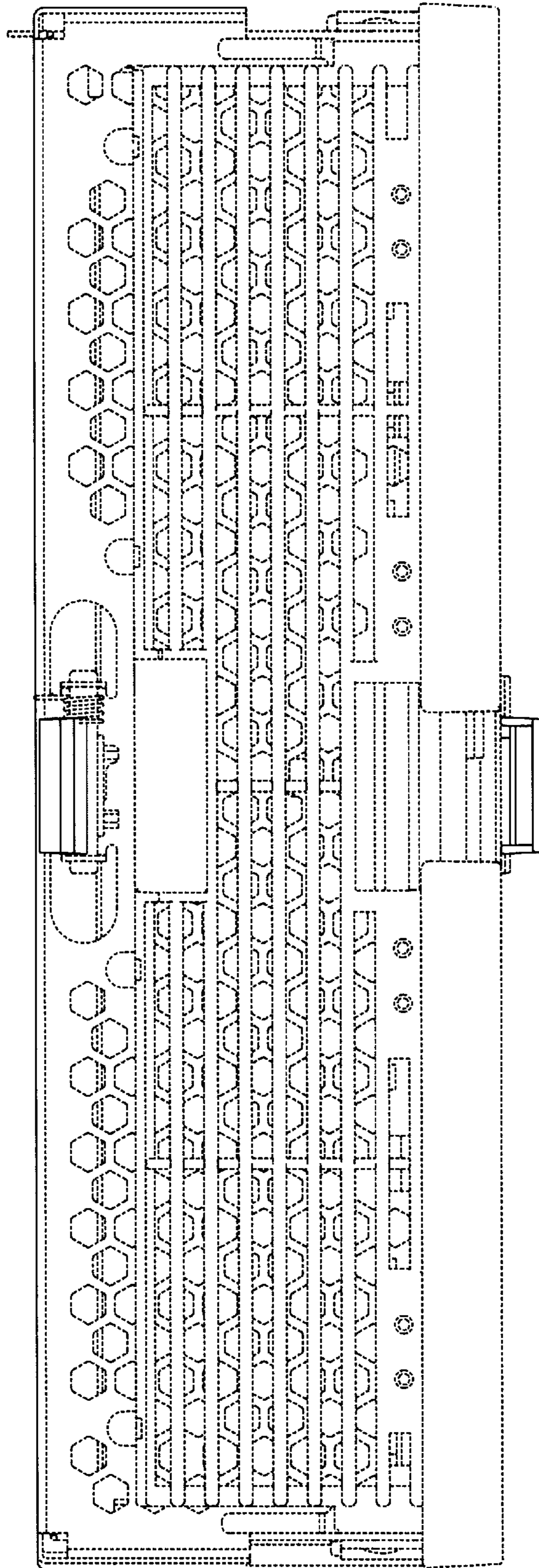


FIG. 8

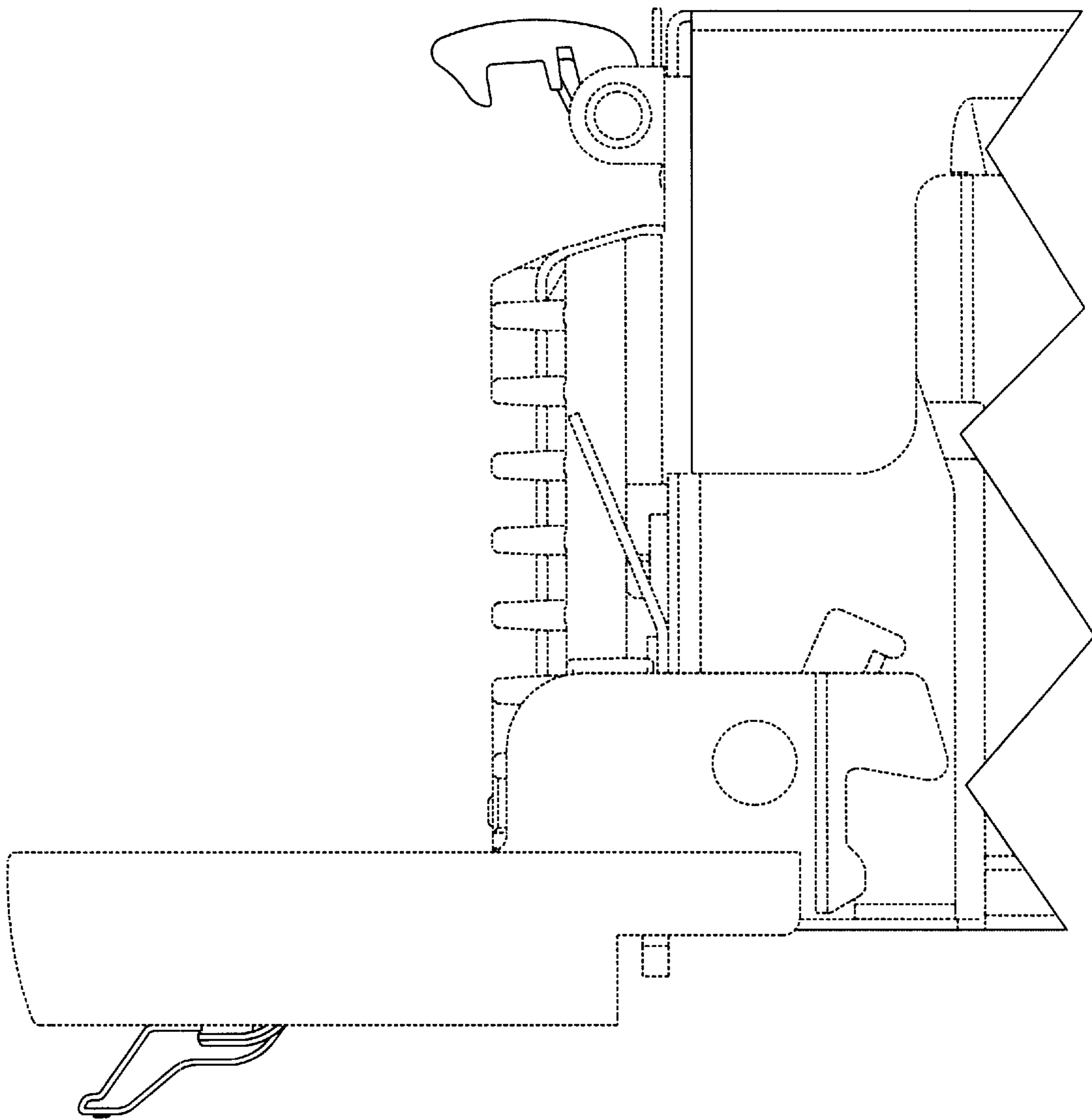


FIG. 9

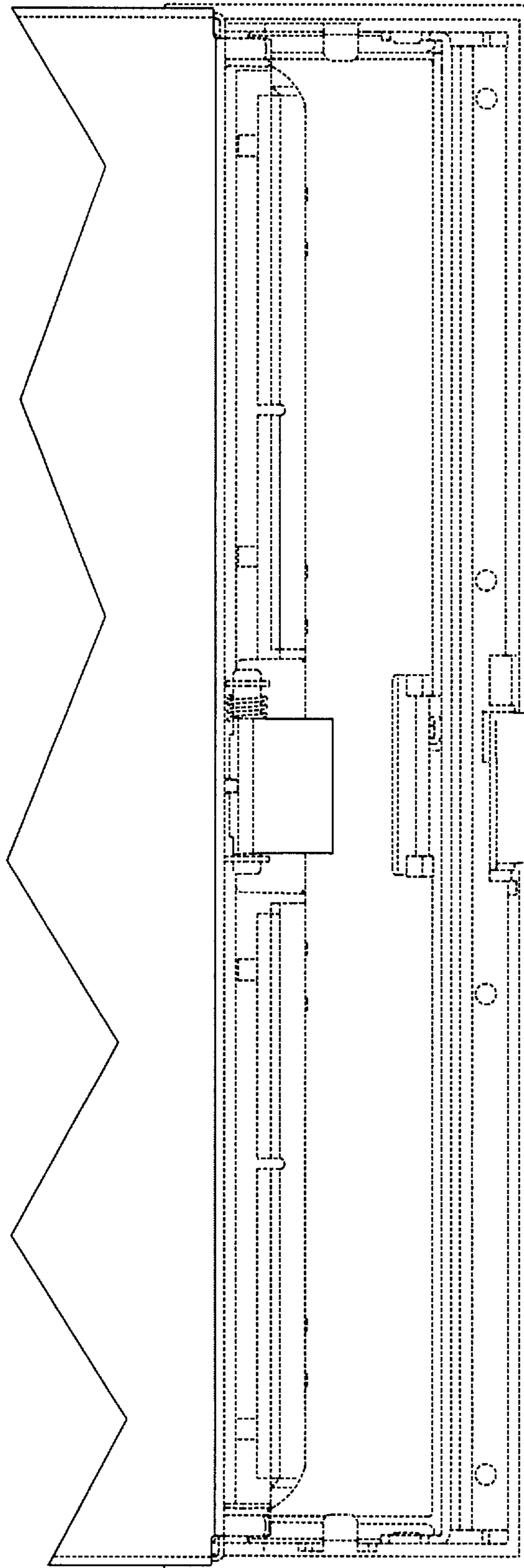


FIG. 10

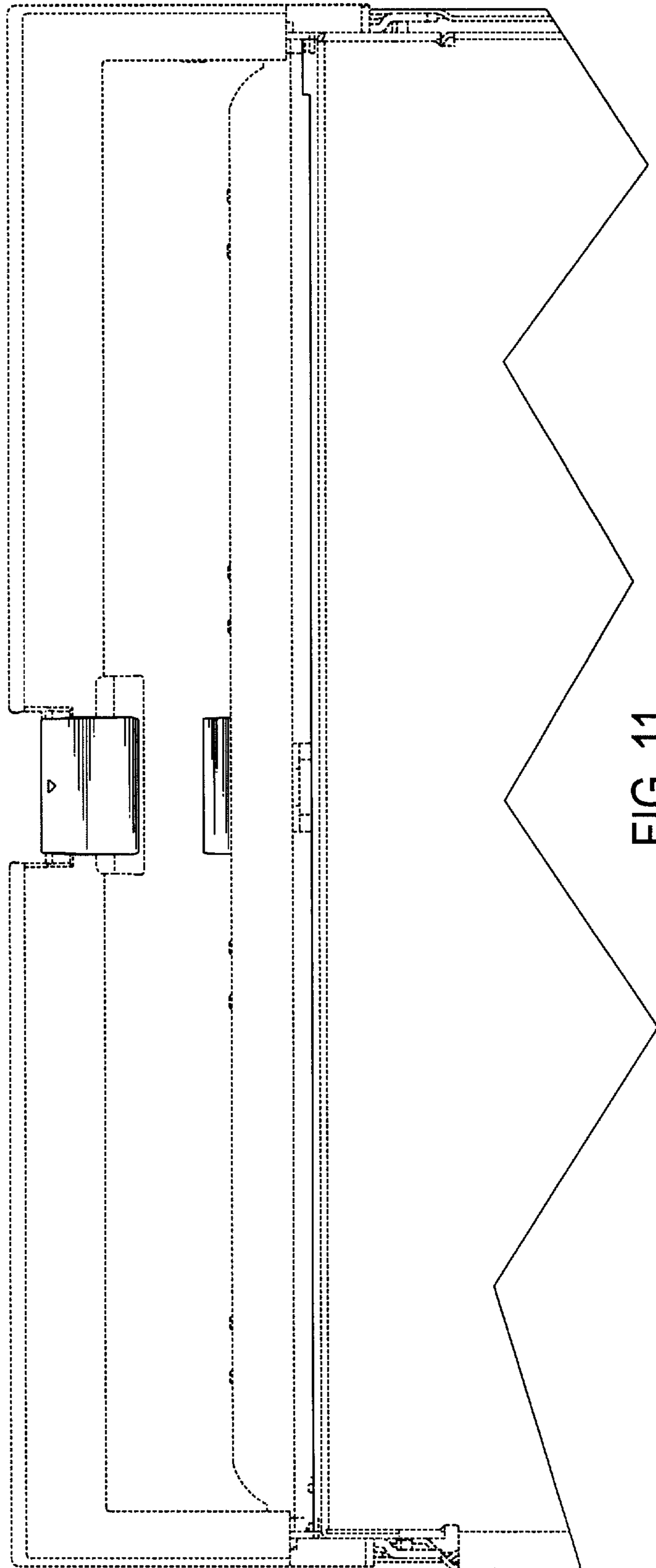


FIG. 11

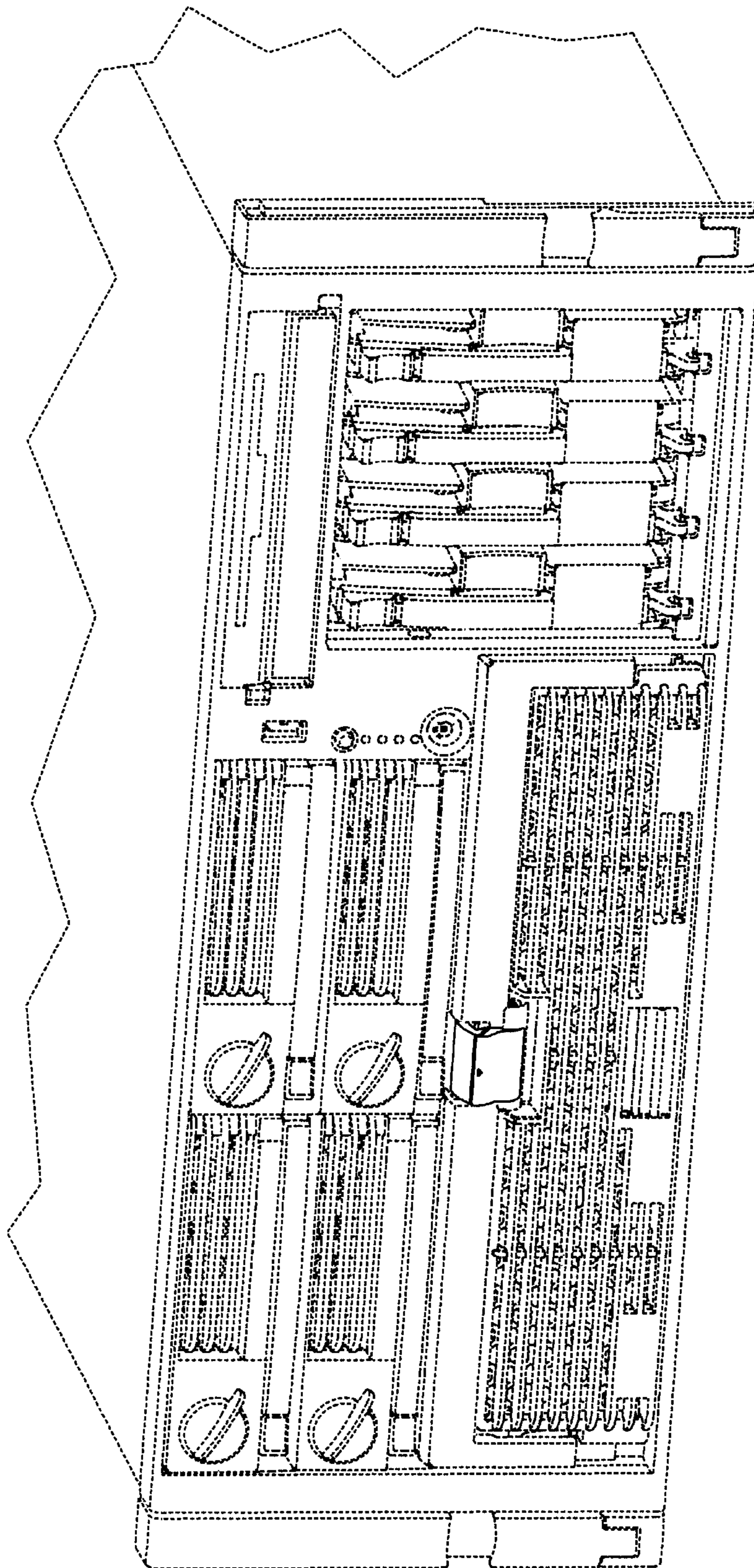


FIG. 12

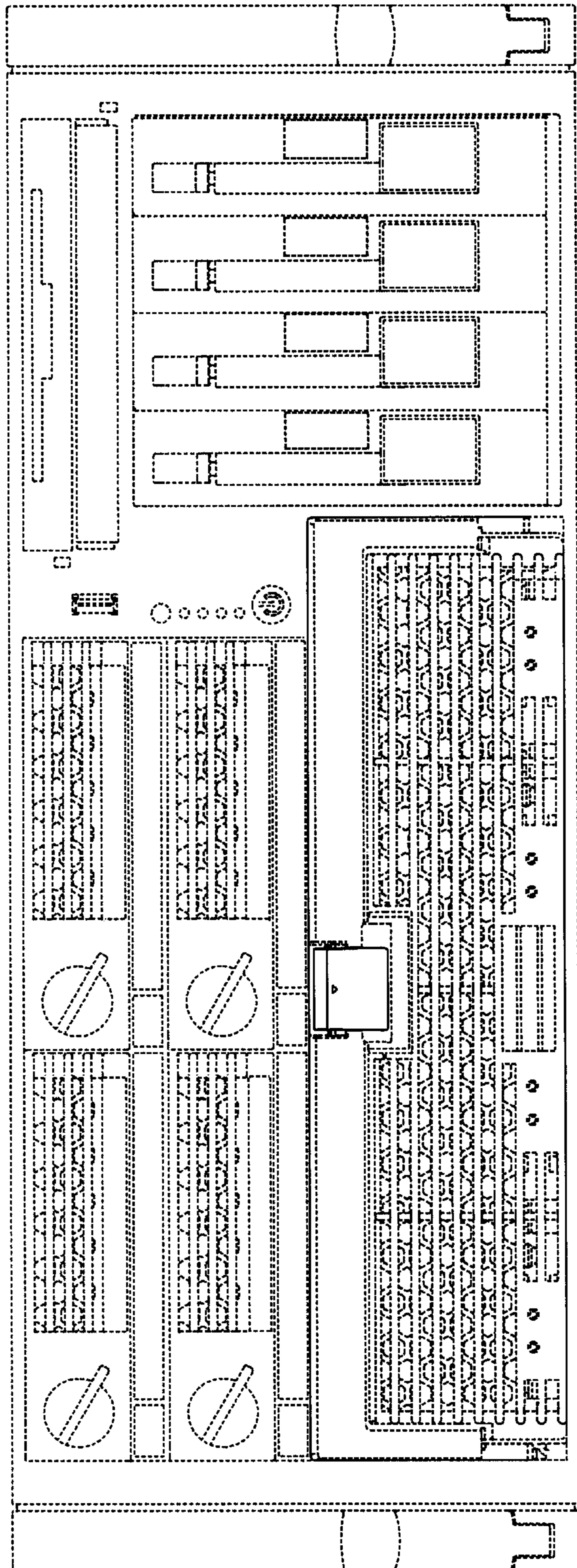


FIG. 13