



US00D602859S

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

(10) **Patent No.:** **US D602,859 S**

(45) **Date of Patent:** **\*\* Oct. 27, 2009**

(54) **THERMAL ENERGY STORAGE MODULE**

(75) Inventors: **Gary F. Kaiser**, Fort Collins, CO (US);  
**Ramachandran Narayanamurthy**,  
Loveland, CO (US); **Donald Thomas**  
**Cook**, Berthoud, CO (US); **Thomas W.**  
**Graves**, Fort Collins, CO (US)

(73) Assignee: **Ice Energy, Inc.**, Windsor, CO (US)

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

(21) Appl. No.: **29/327,104**

(22) Filed: **Oct. 30, 2008**

(51) **LOC (9) Cl.** ..... **13-02**

(52) **U.S. Cl.** ..... **D13/110; D13/101**

(58) **Field of Classification Search** ..... D13/101,  
D13/110, 117, 118, 179, 184, 199; D15/79,  
D15/199; D23/314, 333, 341, 351, 354;  
62/59, 139, 149, 156, 332, 430, 434, 471,  
62/503

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D281,008 S \* 10/1985 Hutter et al. .... D23/314  
4,612,912 A \* 9/1986 Lampe ..... 126/400  
5,005,368 A \* 4/1991 MacCracken et al. .... 62/139  
D362,904 S \* 10/1995 Wulf et al. .... D23/351  
5,598,720 A \* 2/1997 MacCracken et al. .... 62/434  
D492,265 S \* 6/2004 Chu ..... D13/179

D492,650 S \* 7/2004 Nishi ..... D13/110  
D493,772 S \* 8/2004 Veino et al. .... D13/110  
D501,490 S \* 2/2005 Kerrigan ..... D15/83  
D530,662 S \* 10/2006 Kokkonen et al. .... D13/101  
D540,452 S \* 4/2007 Narayanamurthy et al. D23/351

\* cited by examiner

*Primary Examiner*—Prabhakar Deshmukh

*Assistant Examiner*—Derrick Holland

(74) *Attorney, Agent, or Firm*—Paul M. Thompson; Cochran  
Freund & Young LLC

(57) **CLAIM**

The ornamental design for a thermal energy storage module,  
as shown and described.

**DESCRIPTION**

FIG. 1 is an isometric view of a thermal energy storage  
module showing our new design.

FIG. 2 is a front elevation view thereof.

FIG. 3 is a top plan view thereof.

FIG. 4 is a left side elevation view thereof.

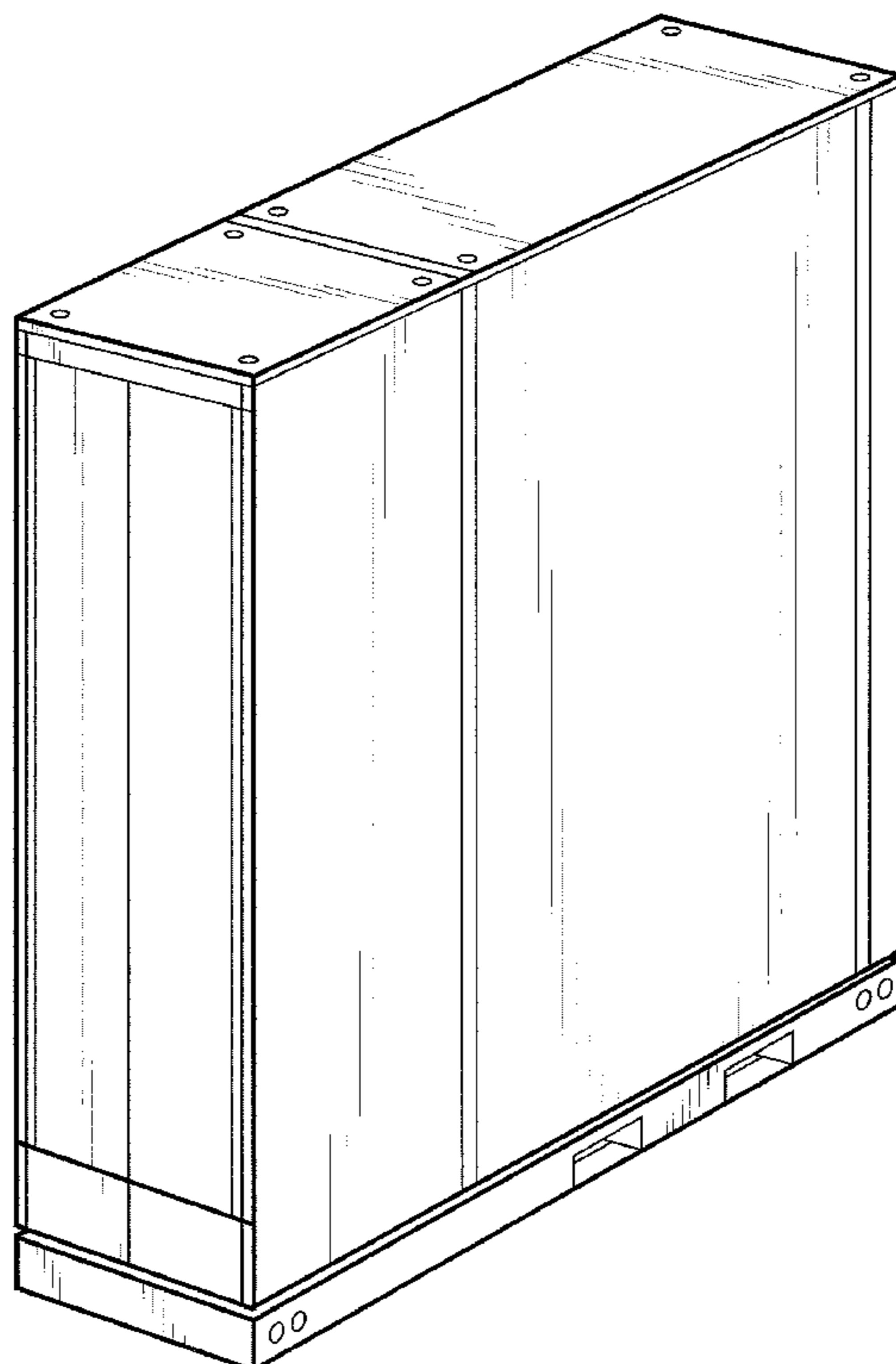
FIG. 5 is a right side elevation view thereof.

FIG. 6 is a rear elevation view thereof; and,

FIG. 7 is a bottom plan view thereof.

The broken lines shown represent unclaimed subject matter  
and form no part of the claimed design.

**1 Claim, 5 Drawing Sheets**



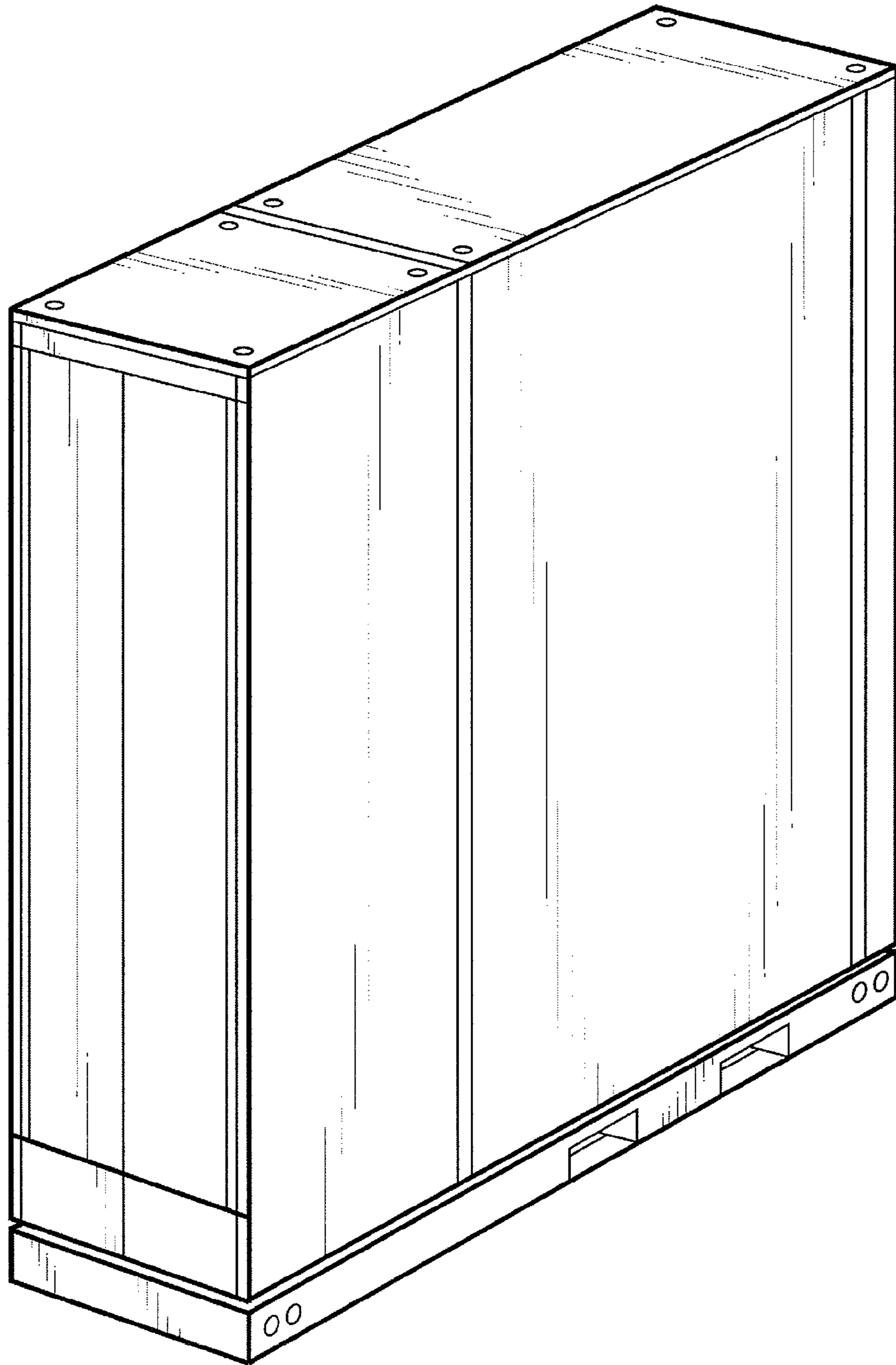


FIGURE 1

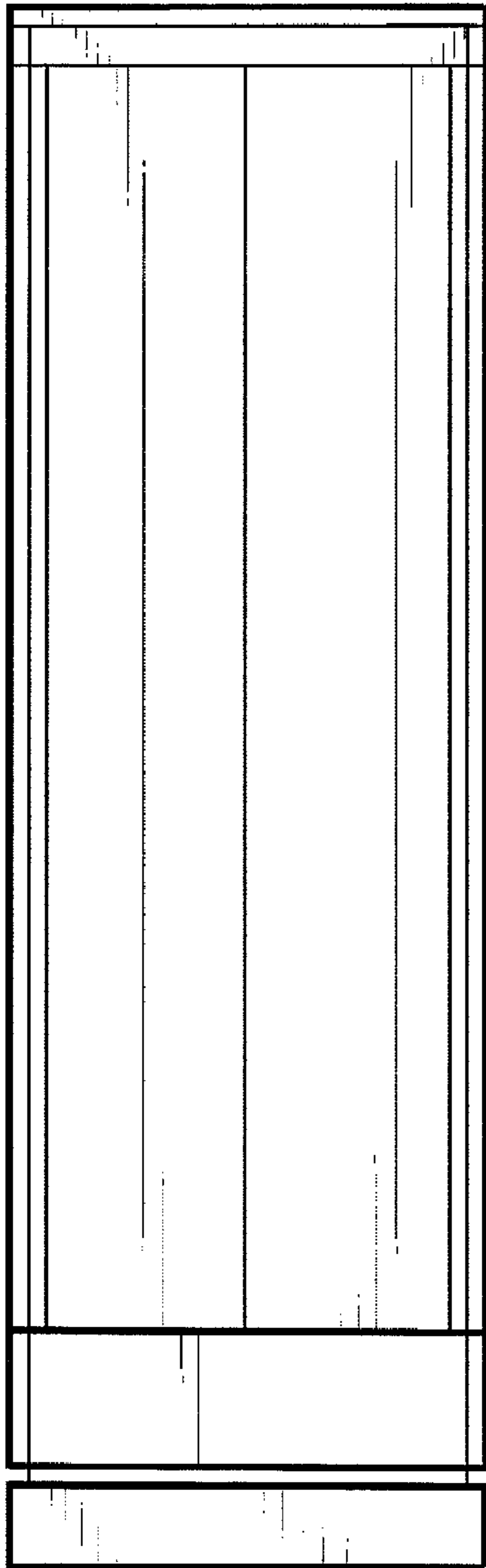


FIGURE 2

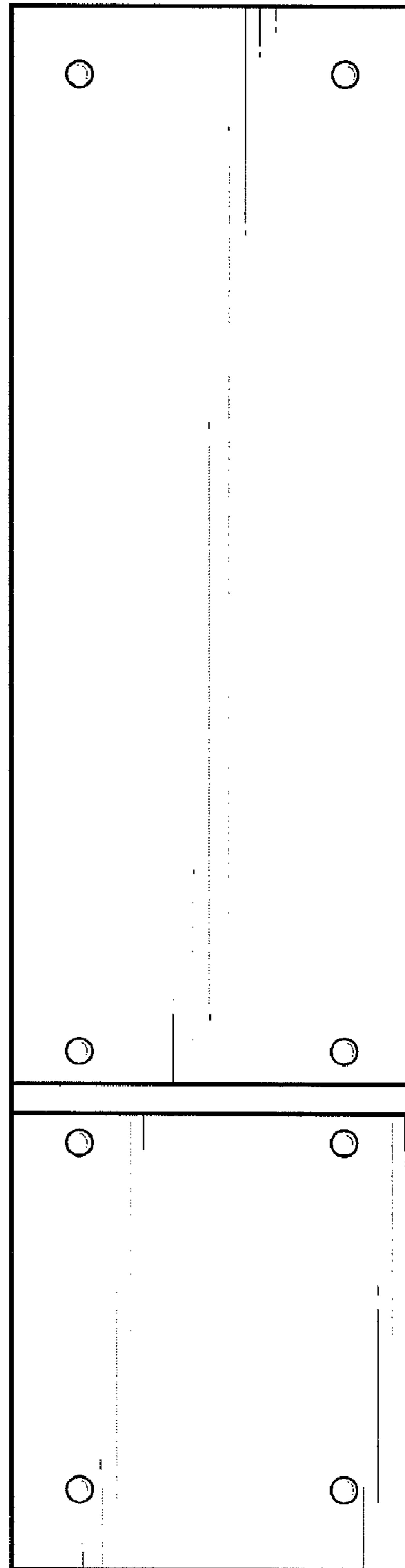


FIGURE 3

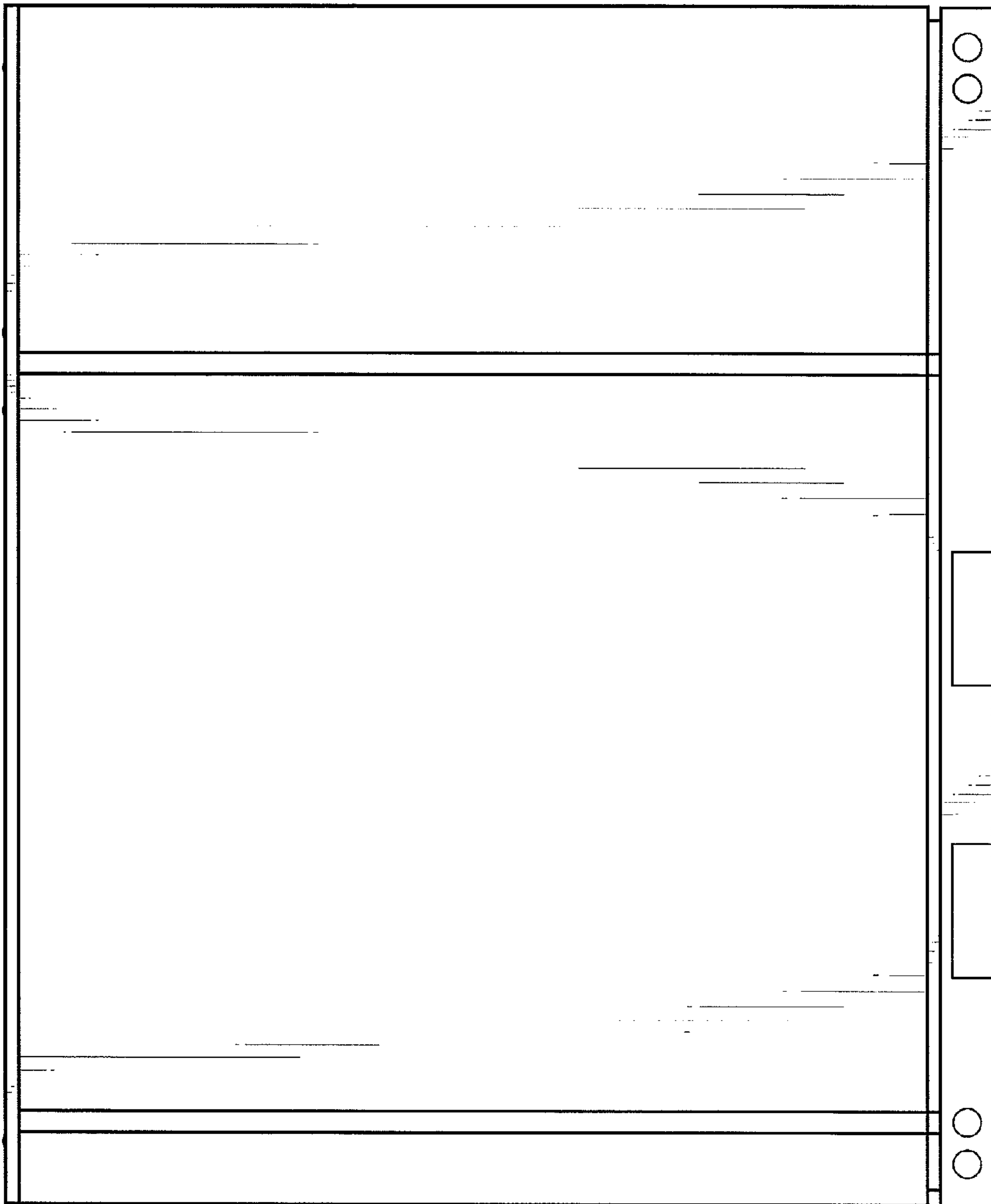


FIGURE 4

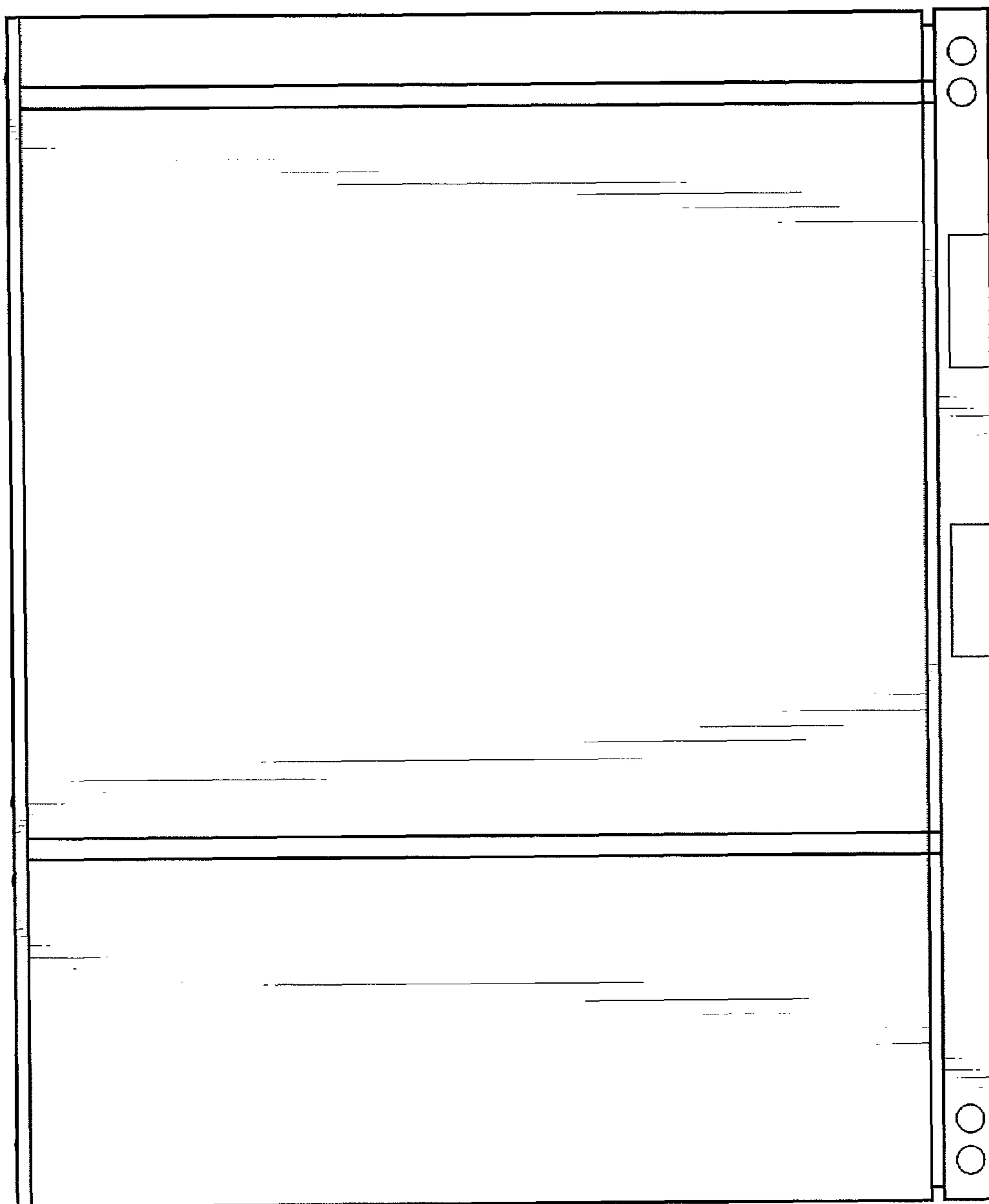


FIGURE 5

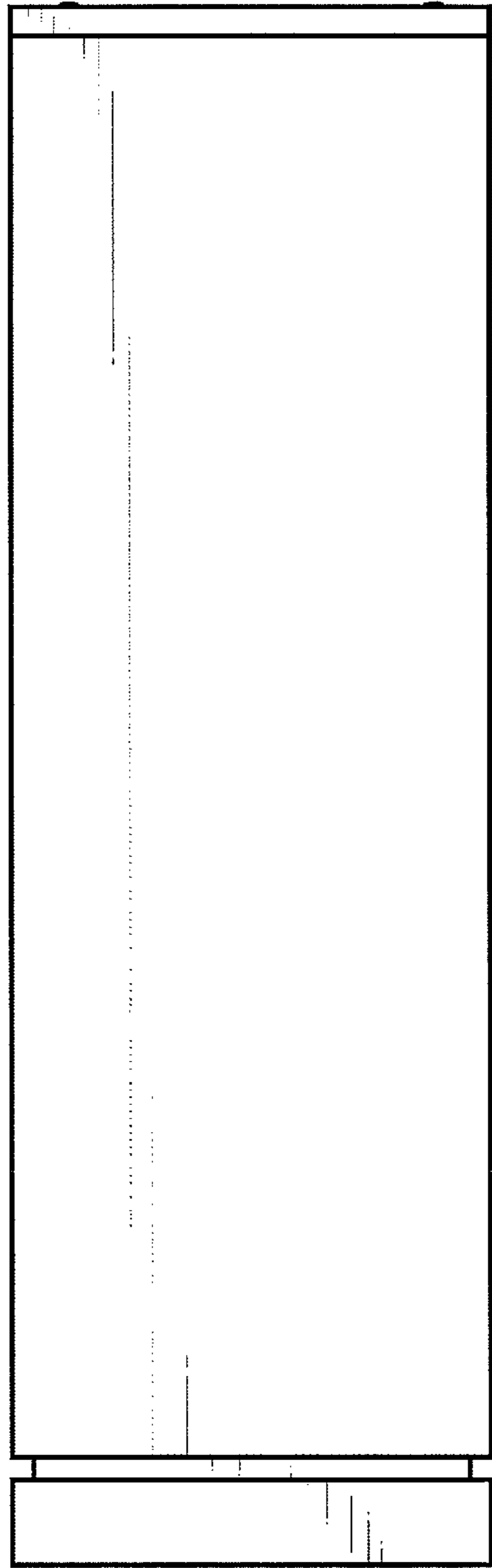


FIGURE 6

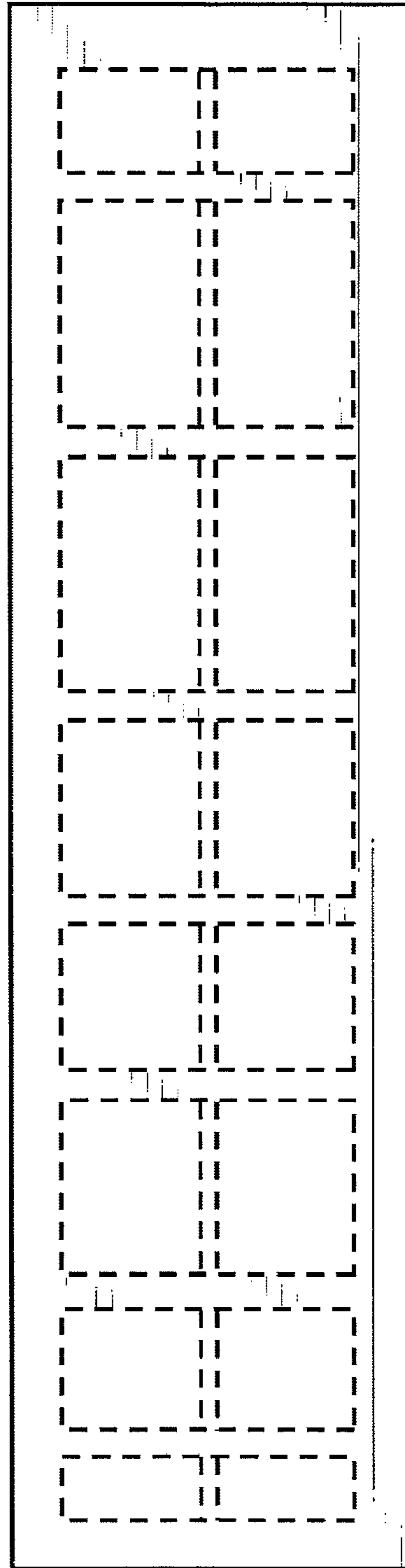


FIGURE 7