

US00D817368S

(12) **United States Design Patent** (10) **Patent No.:** **US D817,368 S**  
**Kim** (45) **Date of Patent:** **\*\* May 8, 2018**

(54) **REFRIGERATOR**

D656,967 S \* 4/2012 Yi ..... D15/86  
D673,189 S \* 12/2012 Kwak ..... D15/86  
D681,075 S \* 4/2013 Yi ..... D15/86

(71) Applicant: **LG ELECTRONICS INC.**, Seoul (KR)

(Continued)

(72) Inventor: **Miok Kim**, Seoul (KR)

*Primary Examiner* — Richard E Chilcot

(73) Assignee: **LG Electronics Inc.**, Seoul (KR)

(74) *Attorney, Agent, or Firm* — Birch, Stewart, Kolasch & Birch, LLP

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

(57) **CLAIM**

(21) Appl. No.: **35/501,631**

The ornamental design for a refrigerator, as shown and described.

(22) Filed: **Mar. 31, 2016**

**DESCRIPTION**

(80) **Hague Agreement Data**

Int. Filing Date: **Mar. 31, 2016**  
Int. Reg. No.: **DM/091205**  
Int. Reg. Date: **Mar. 31, 2016**  
Int. Reg. Pub. Date: **Sep. 30, 2016**

1. Refrigerator  
1.1 is a perspective view of a refrigerator showing my new design;  
1.2 is a front elevation view thereof;  
1.3 is a rear elevation view thereof;  
1.4 is a left-side elevation view thereof;  
1.5 is a right-side elevation view thereof;  
1.6 is a top plan view thereof;  
1.7 is a bottom plan view thereof;  
1.8 is a perspective view thereof, wherein each outer door is in an opened position;  
1.9 is a front view thereof, wherein each outer door is in an opened position;  
1.10 is a right-side view thereof, wherein each outer door is in an opened position;  
1.11 is a top plan view thereof, wherein each outer door is in an opened position;  
1.12 is a perspective view thereof, wherein each of the inner and outer doors is in an opened position;  
1.13 is a front view thereof, wherein each of the inner and outer doors is in an opened position;  
1.14 is a right-side view thereof, wherein each of the inner and outer doors is in an opened position;  
1.15 is a top plan view thereof, wherein each of the inner and outer doors is in an opened position; and  
1.16 is a perspective view thereof, wherein the inside of each outer door is seen through a 'see-through' type of window.

(30) **Foreign Application Priority Data**

Oct. 8, 2015 (KR) ..... 30-2015-0050861

(51) **LOC (11) Cl.** ..... **15-07**

(52) **U.S. Cl.**  
USPC ..... **D15/91**  
CPC ..... **F25D 25/025 (2013.01)**

(58) **Field of Classification Search**

USPC ..... D15/79-91  
CPC ..... F25D 25/025; F25D 23/028; F25D 2323/024; F25D 23/00; F25D 23/02; F25D 2323/021; F25D 23/065; F25D 11/00; F25D 2201/14; F25D 23/021; F25D 23/025; F25D 23/04; F25D 27/00; F25D 23/062

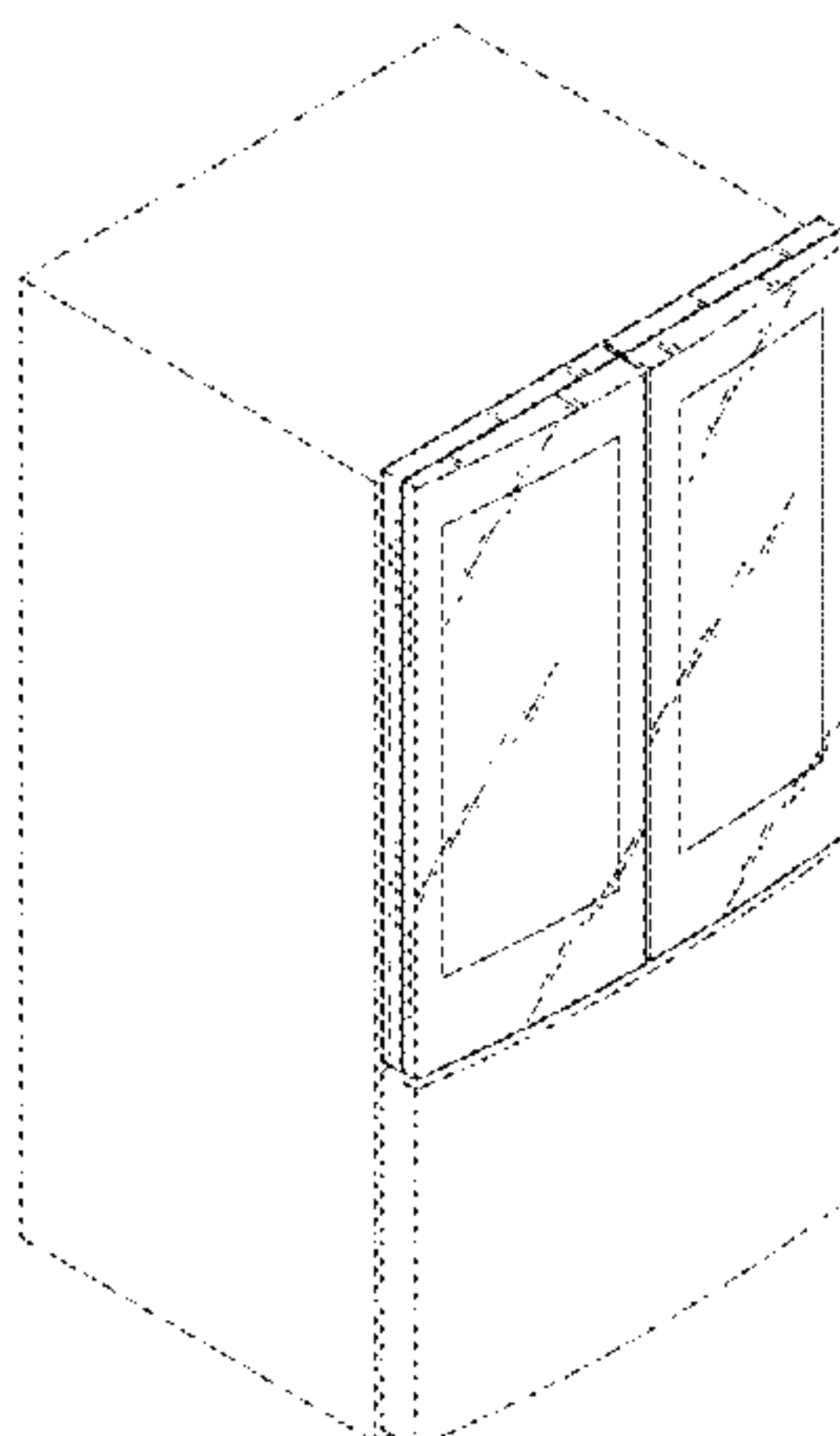
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D615,565 S \* 5/2010 Kristiansen ..... D15/86  
D629,022 S \* 12/2010 Cho ..... D15/85

(Continued)



The broken lines shown are included for the purpose of illustrating unclaimed portions of the refrigerator and form no part of the claimed design.

**1 Claim, 15 Drawing Sheets**

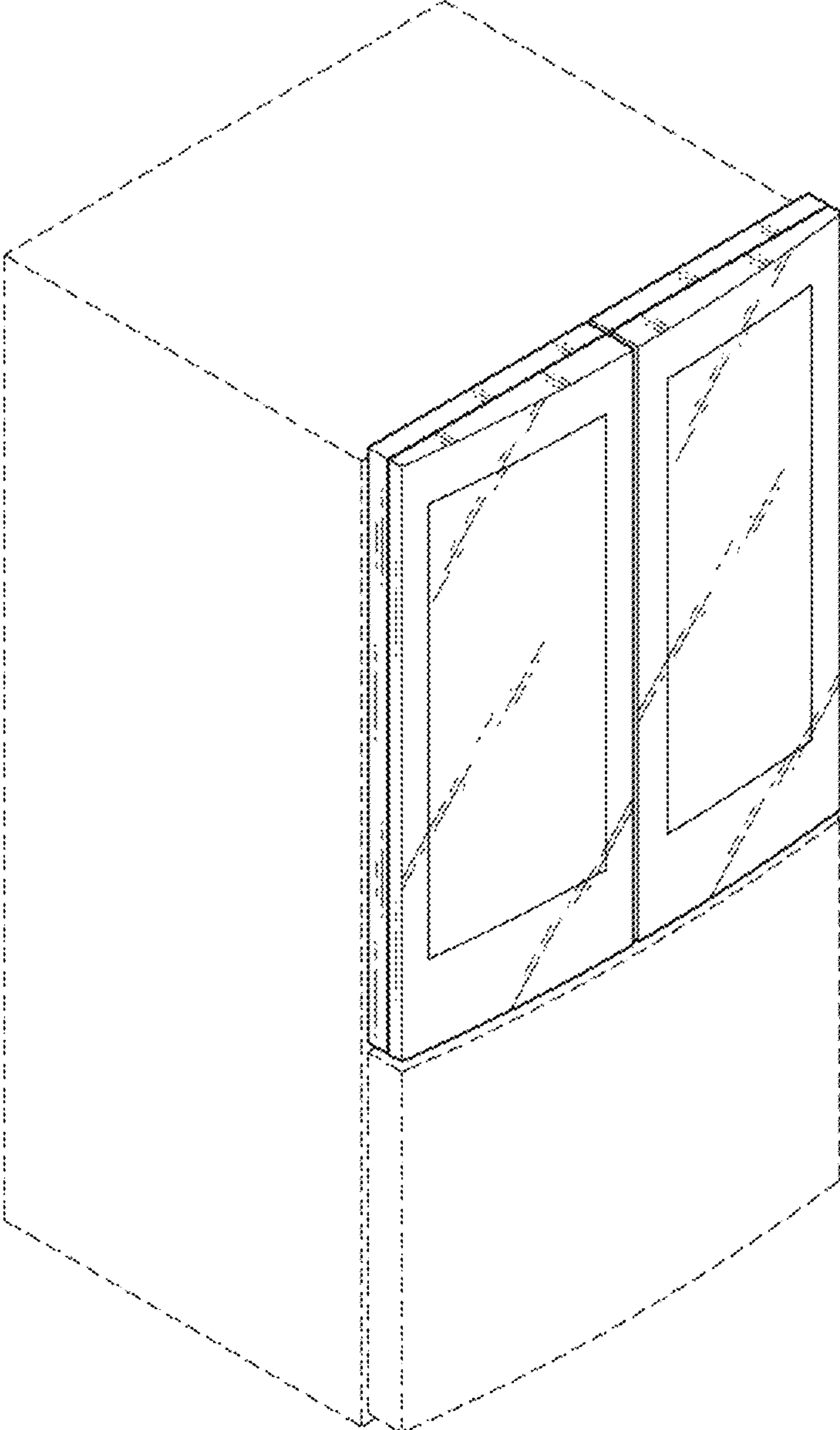
(56) **References Cited**

U.S. PATENT DOCUMENTS

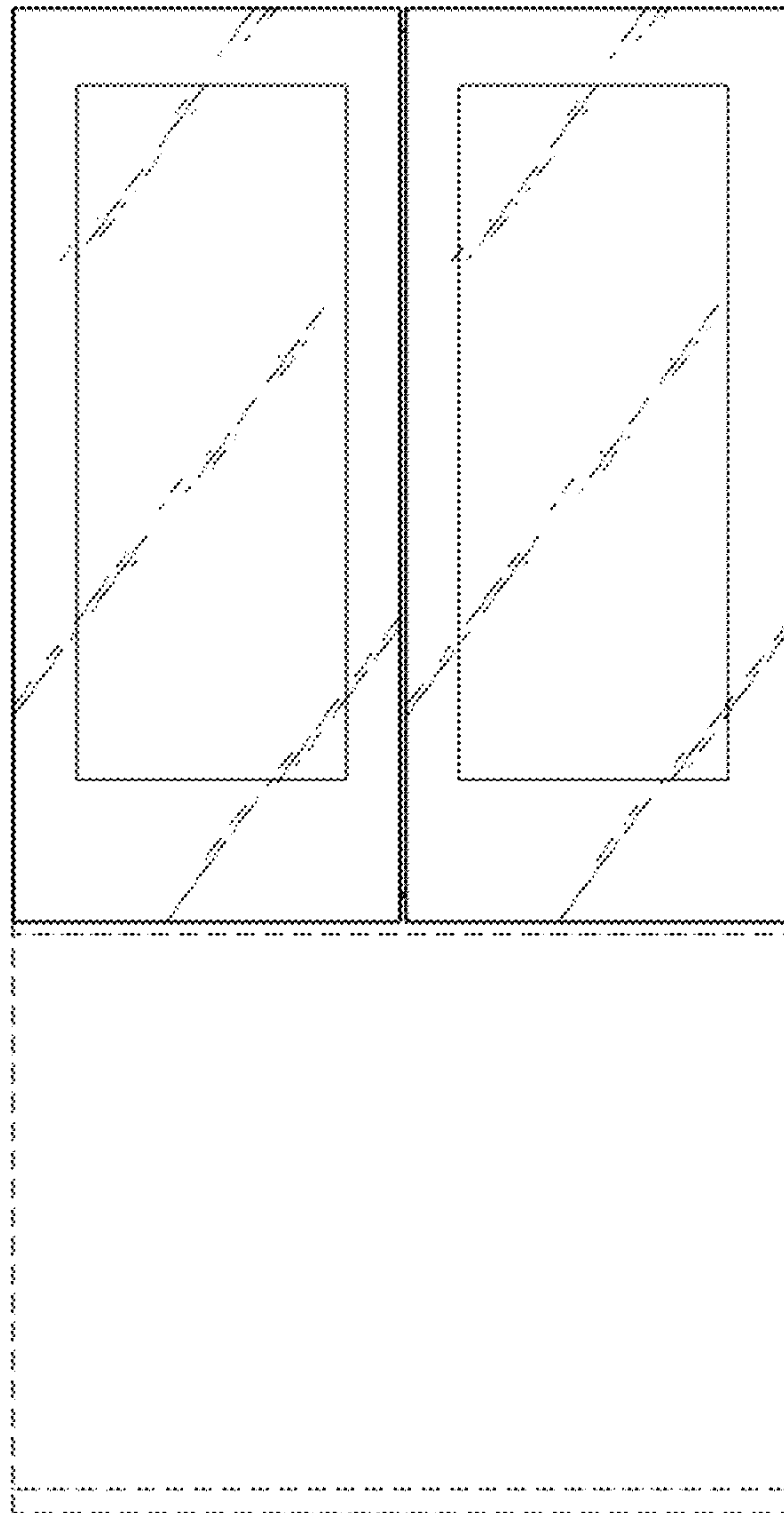
|            |   |         |                 |        |
|------------|---|---------|-----------------|--------|
| D691,644 S | * | 10/2013 | Cho .....       | D15/86 |
| D701,539 S | * | 3/2014  | Saejin .....    | D15/85 |
| D702,739 S | * | 4/2014  | Kim .....       | D15/86 |
| D724,629 S | * | 3/2015  | Choi .....      | D15/85 |
| D729,286 S | * | 5/2015  | Kwak .....      | D15/85 |
| D732,584 S | * | 6/2015  | Sin .....       | D15/86 |
| D742,434 S | * | 11/2015 | Yeo .....       | D15/86 |
| D760,820 S |   | 7/2016  | Lee et al.      |        |
| D760,821 S |   | 7/2016  | Lee             |        |
| D760,822 S |   | 7/2016  | Lee             |        |
| D760,823 S |   | 7/2016  | Lee et al.      |        |
| D760,824 S |   | 7/2016  | Lee             |        |
| D761,336 S |   | 7/2016  | Lee et al.      |        |
| D767,648 S | * | 9/2016  | Shoemaker ..... | D15/86 |
| D780,815 S |   | 3/2017  | Seo et al.      |        |
| D788,193 S |   | 5/2017  | Seo et al.      |        |
| D788,194 S |   | 5/2017  | Kwak et al.     |        |

\* cited by examiner

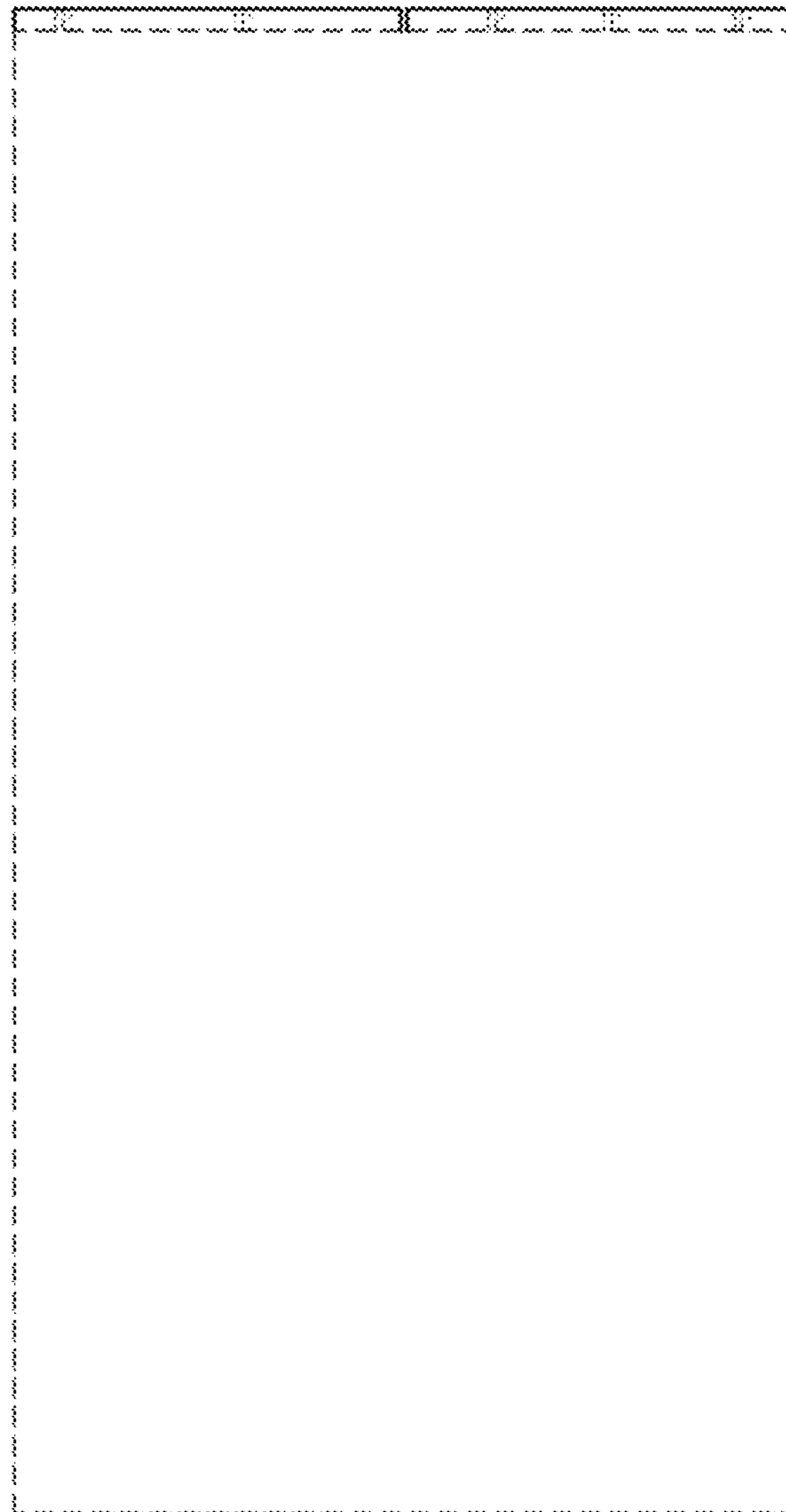
1.1



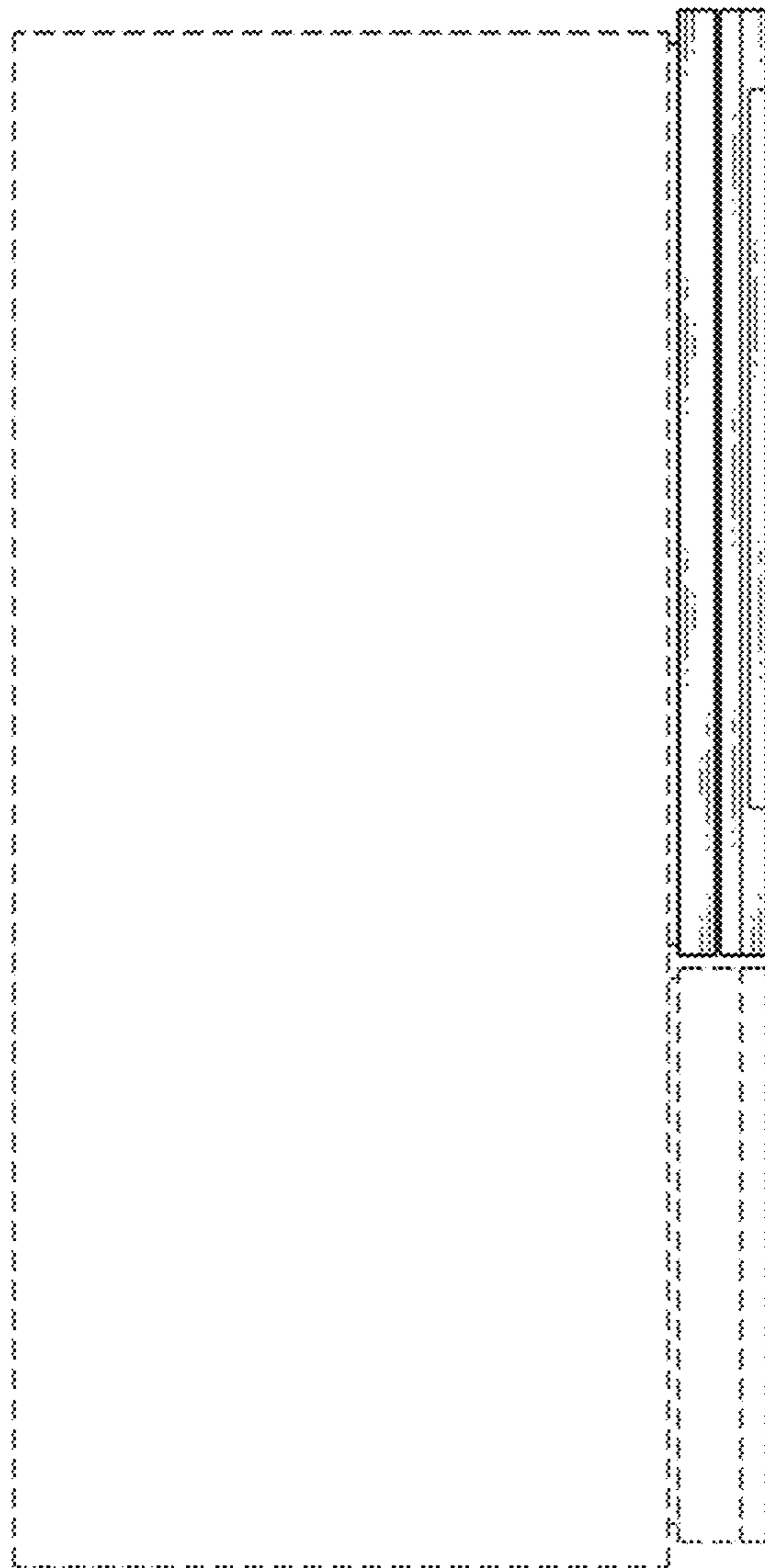
1.2



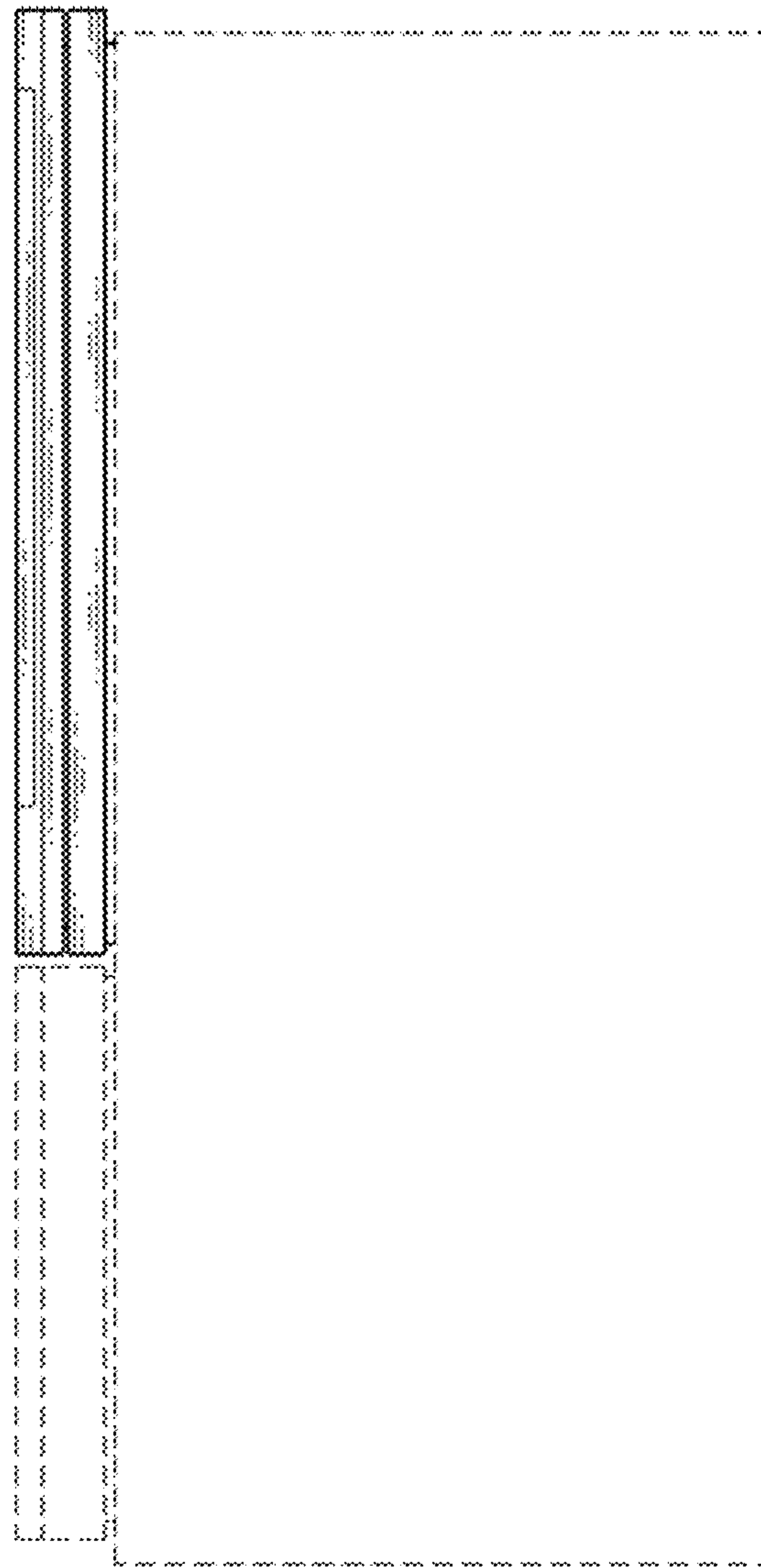
1.3



1.4

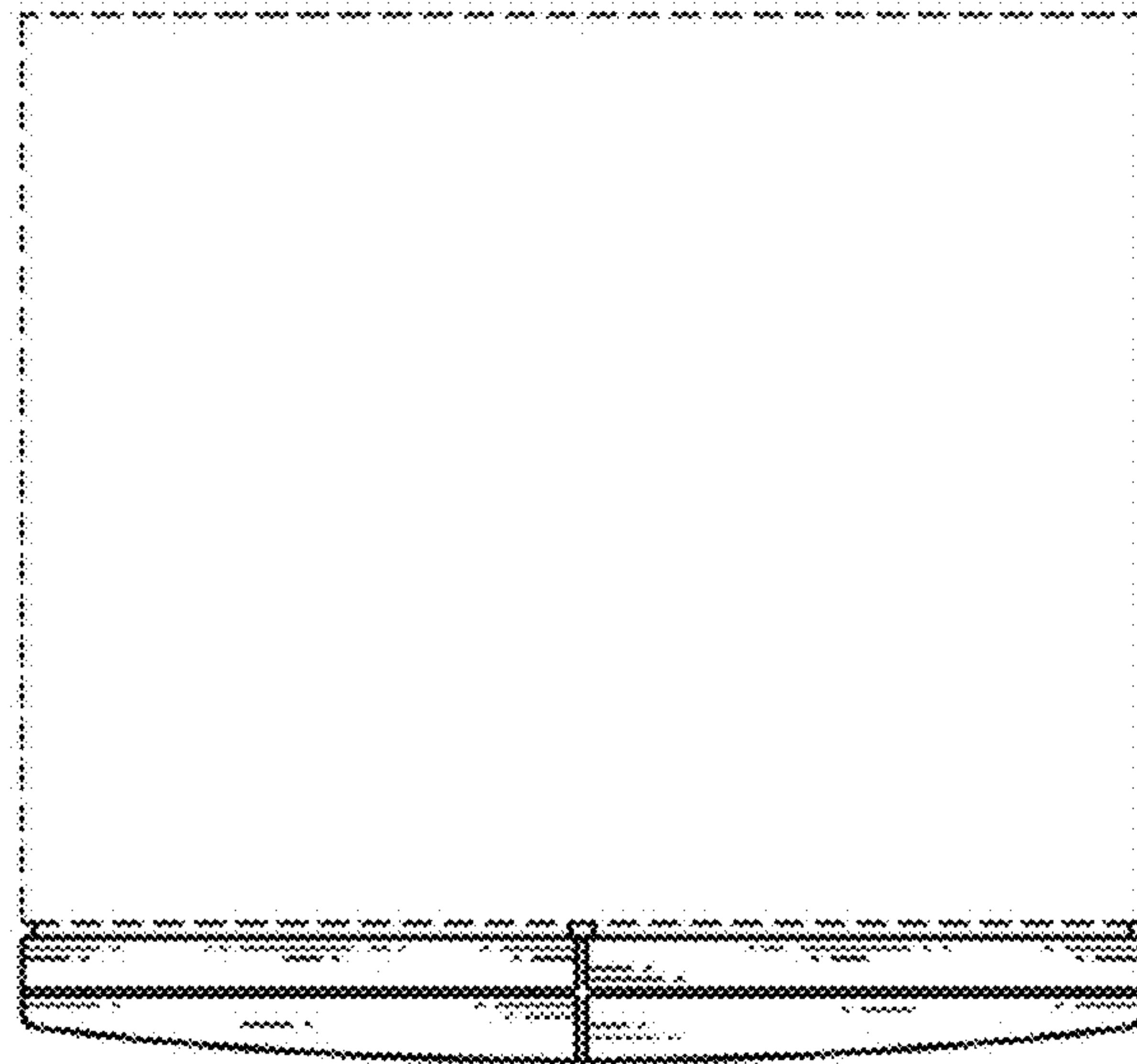


1.5

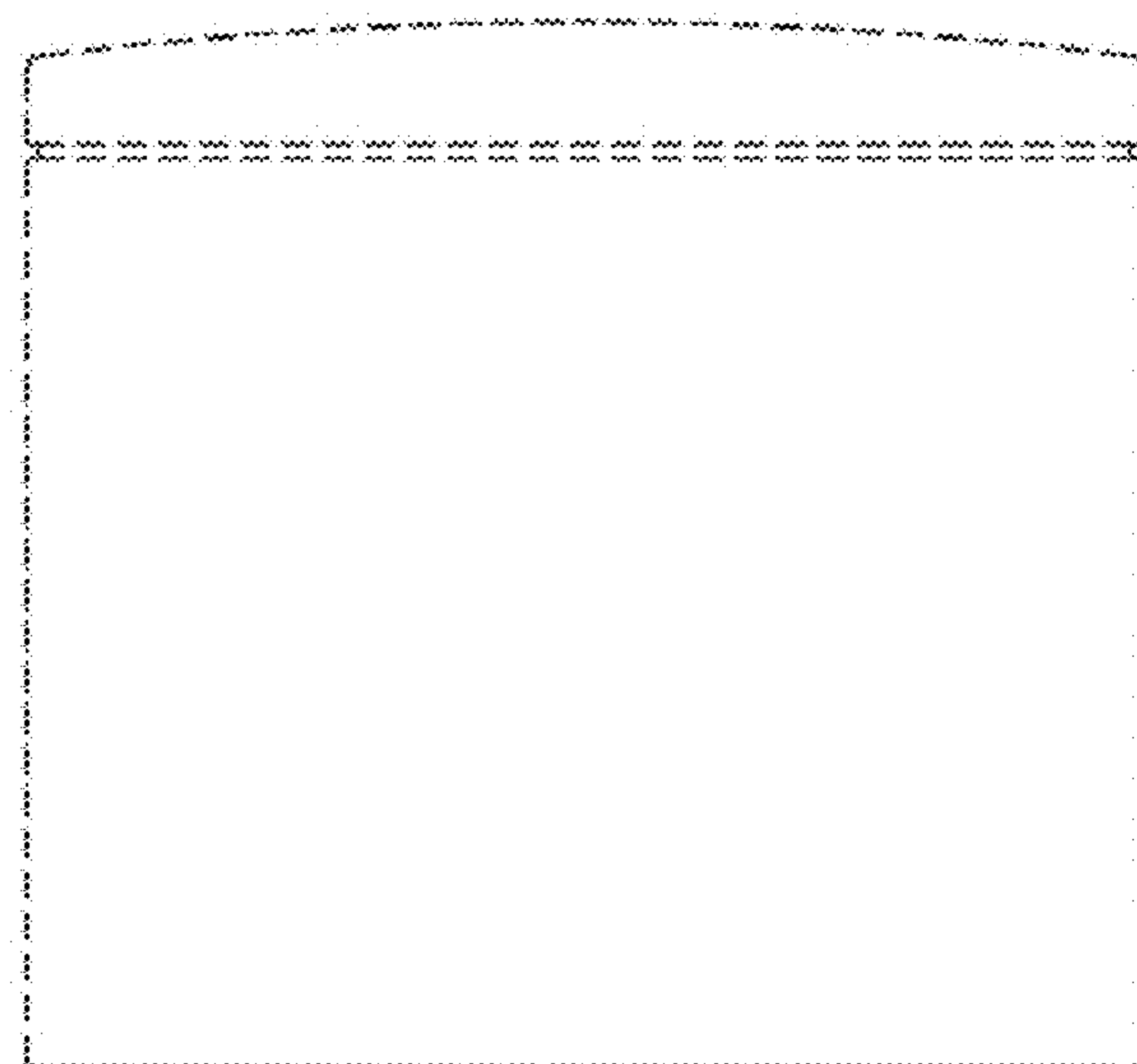




1.6

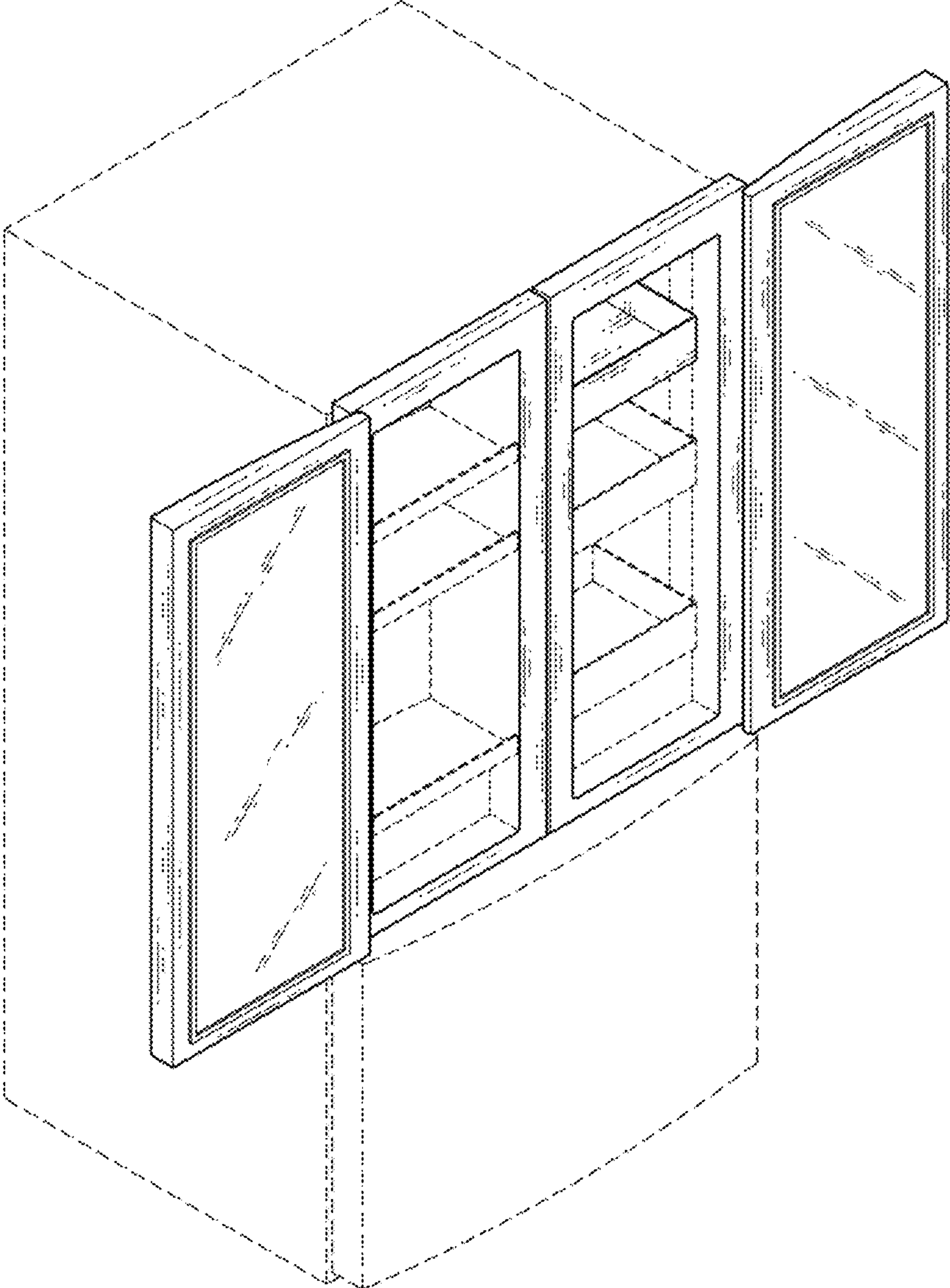


1.7

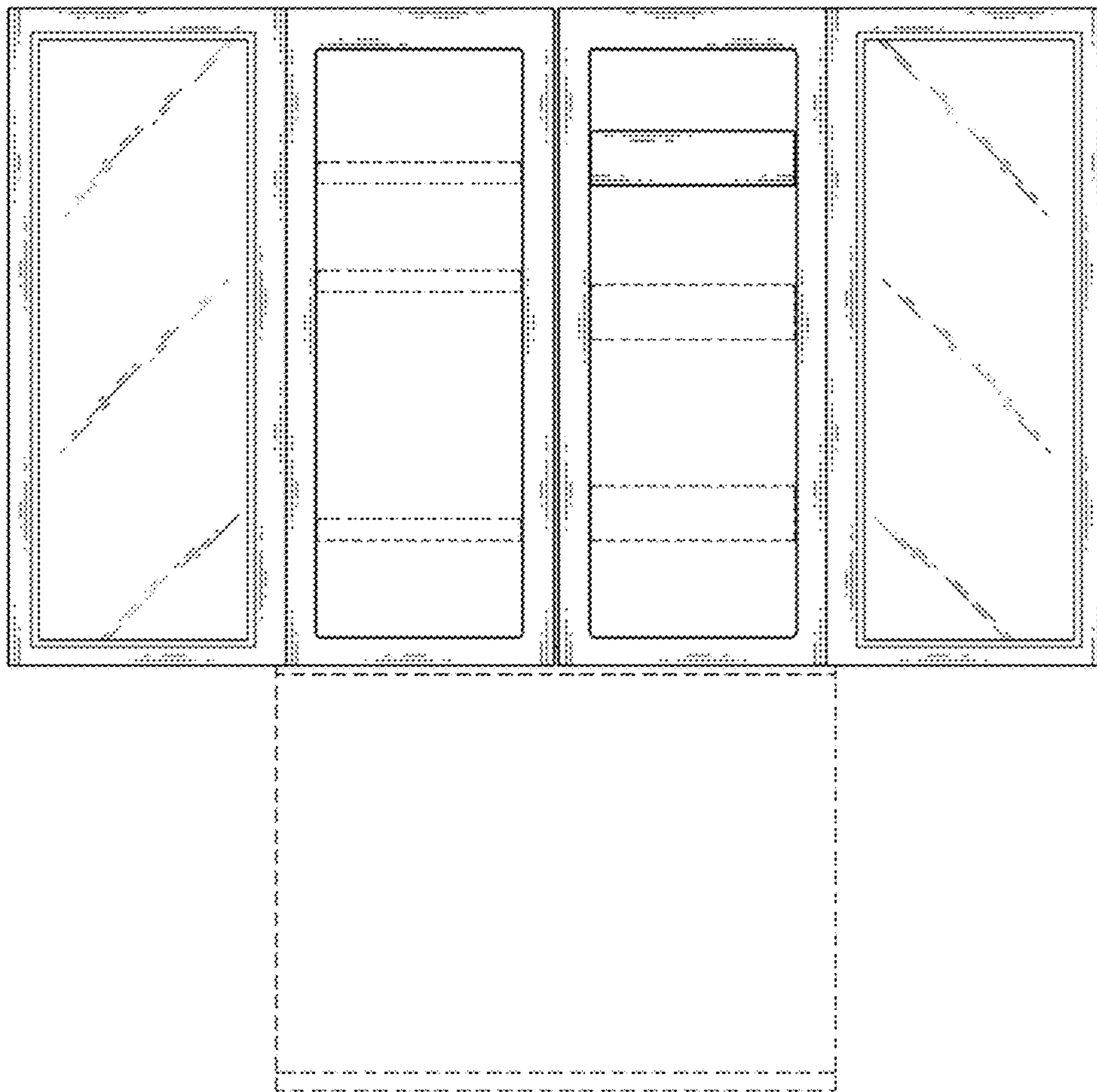




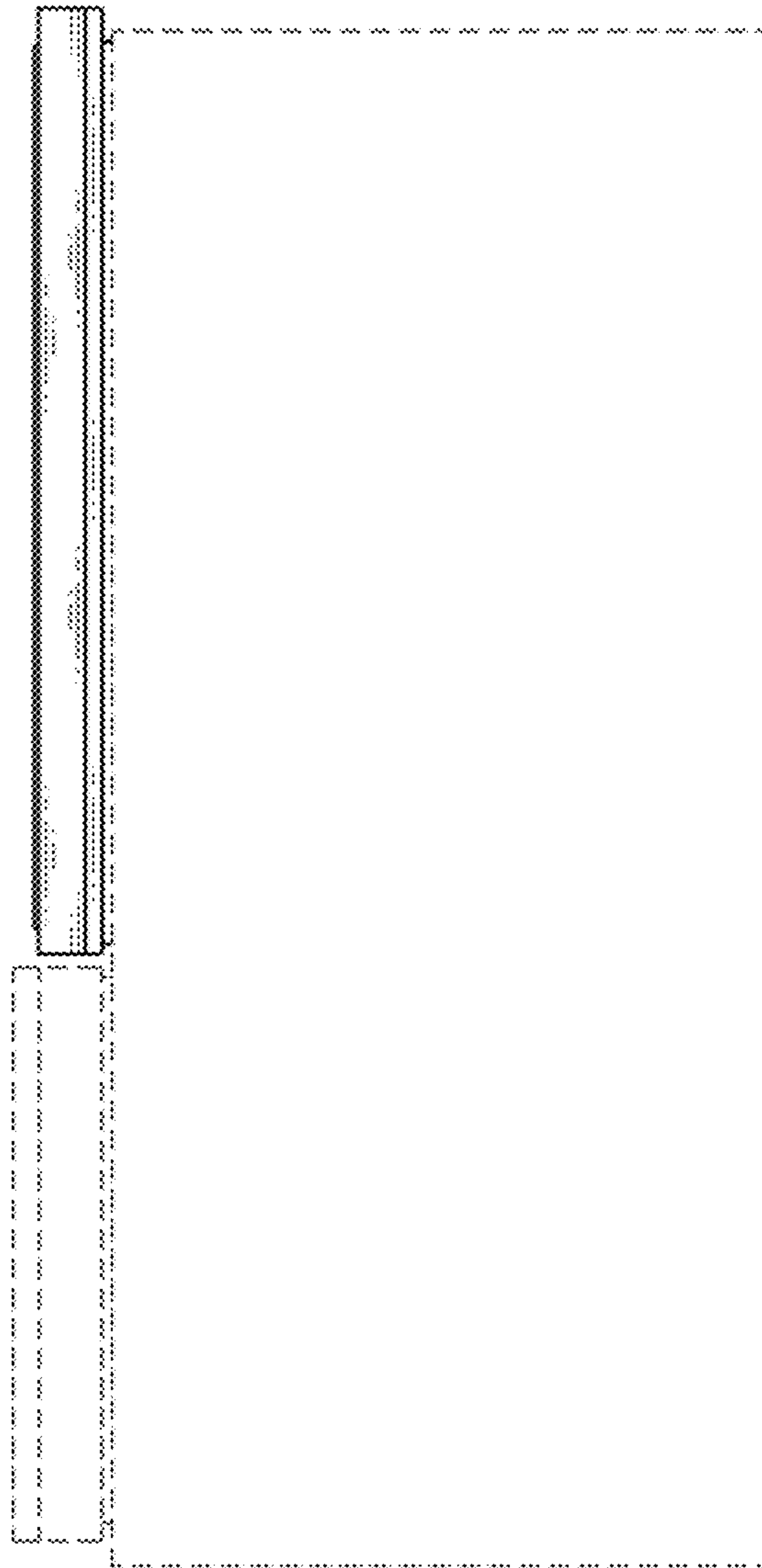
1.8



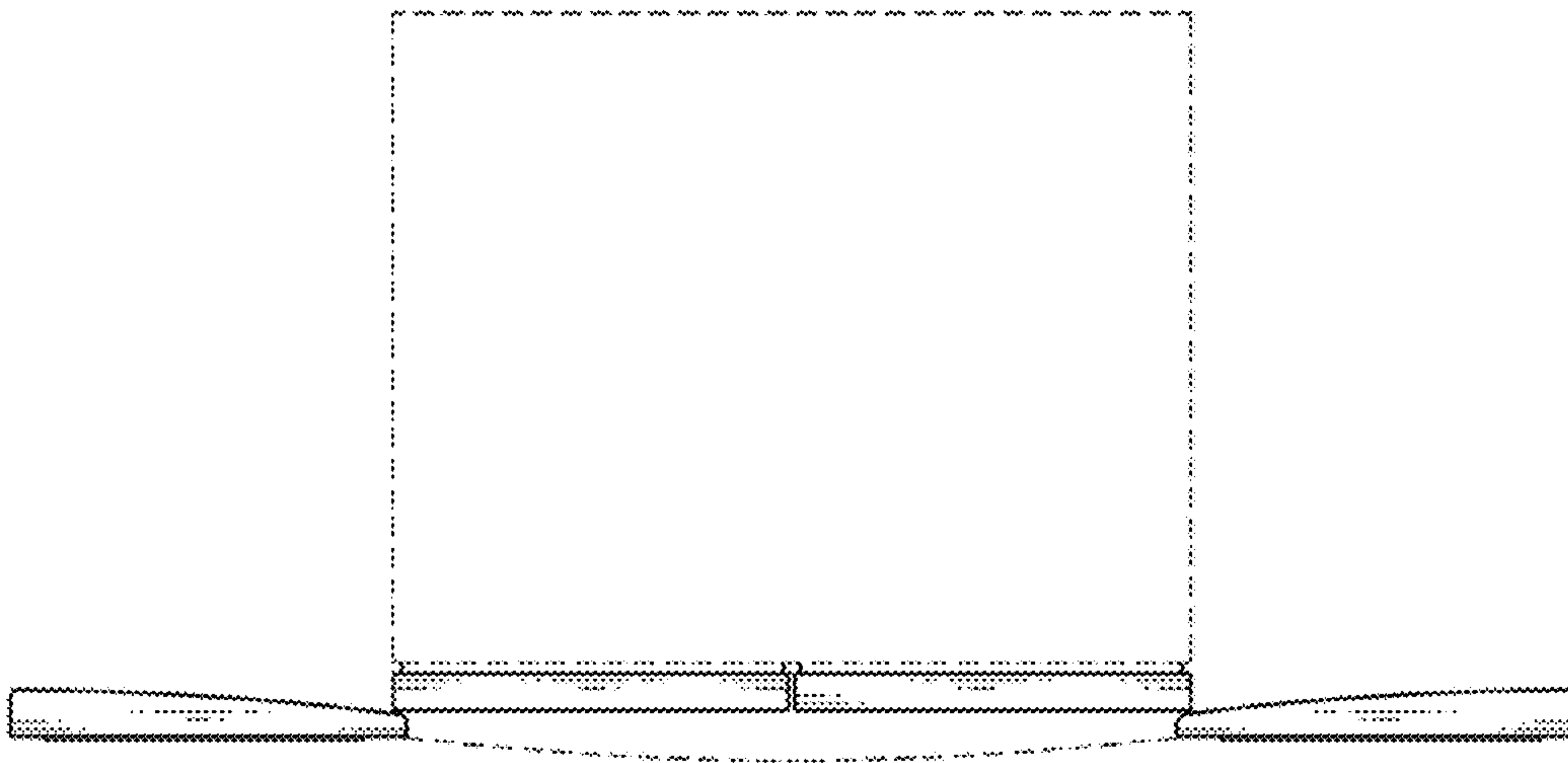
1.9



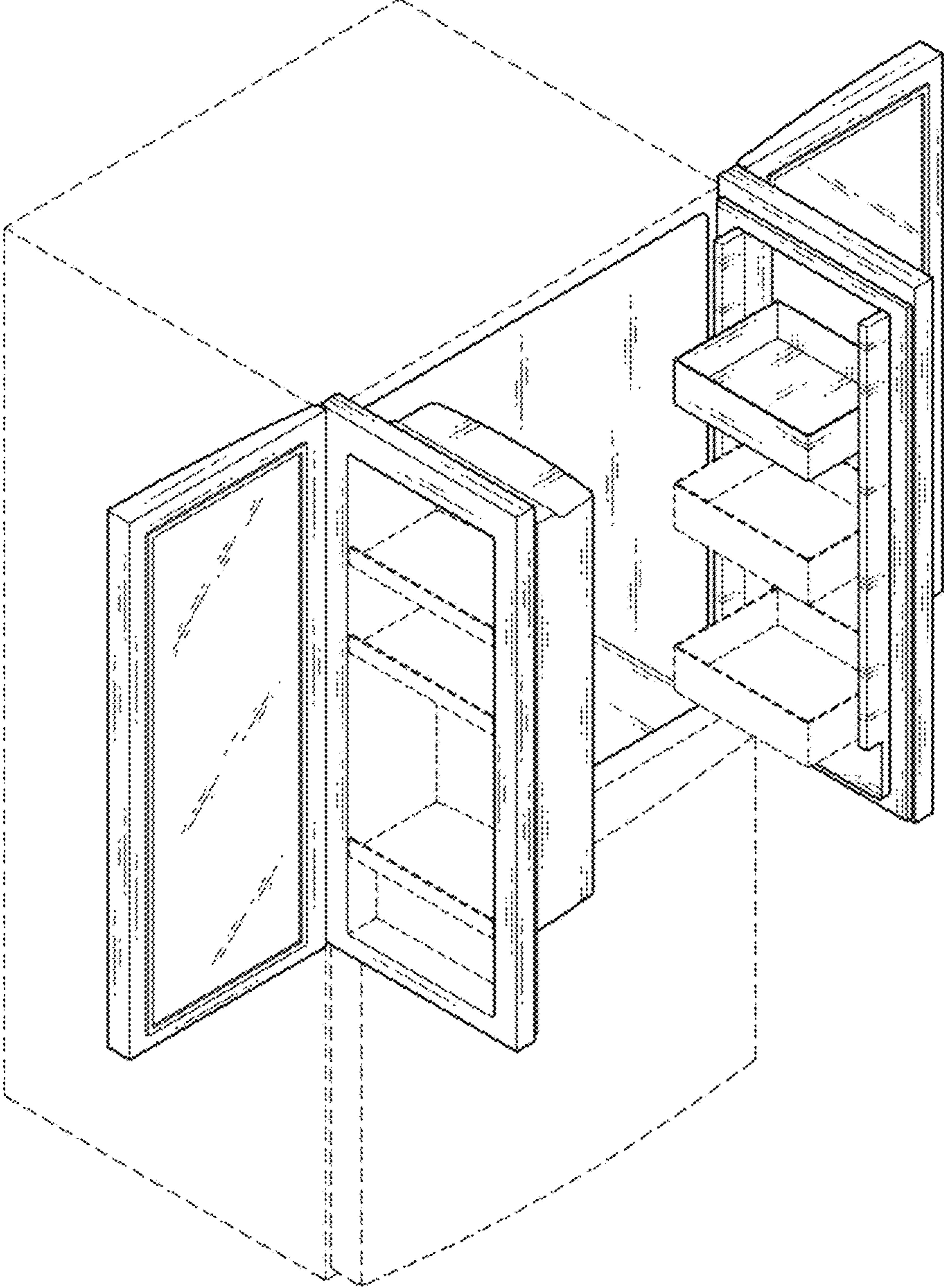
1.10



1.11

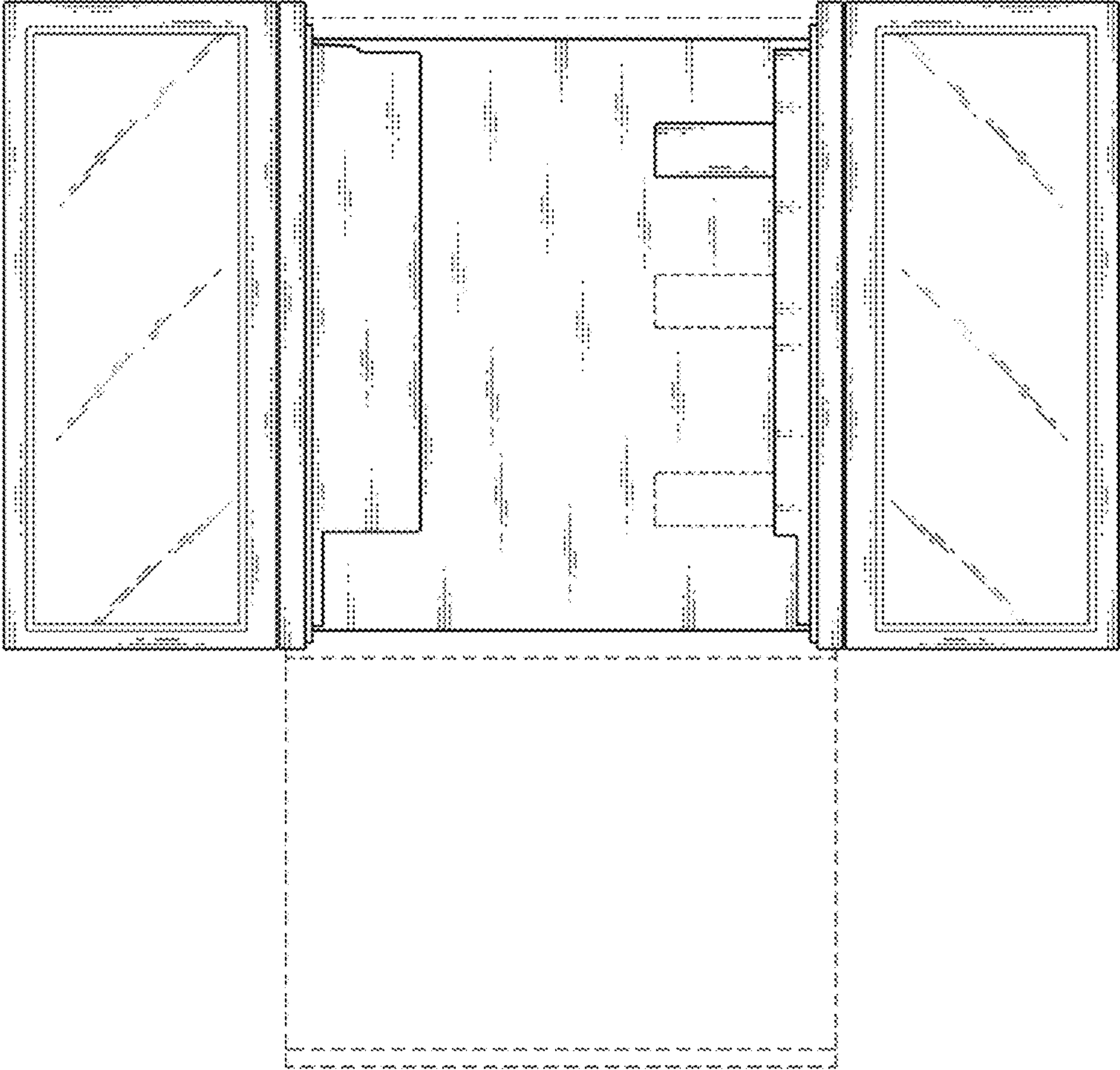


1.12

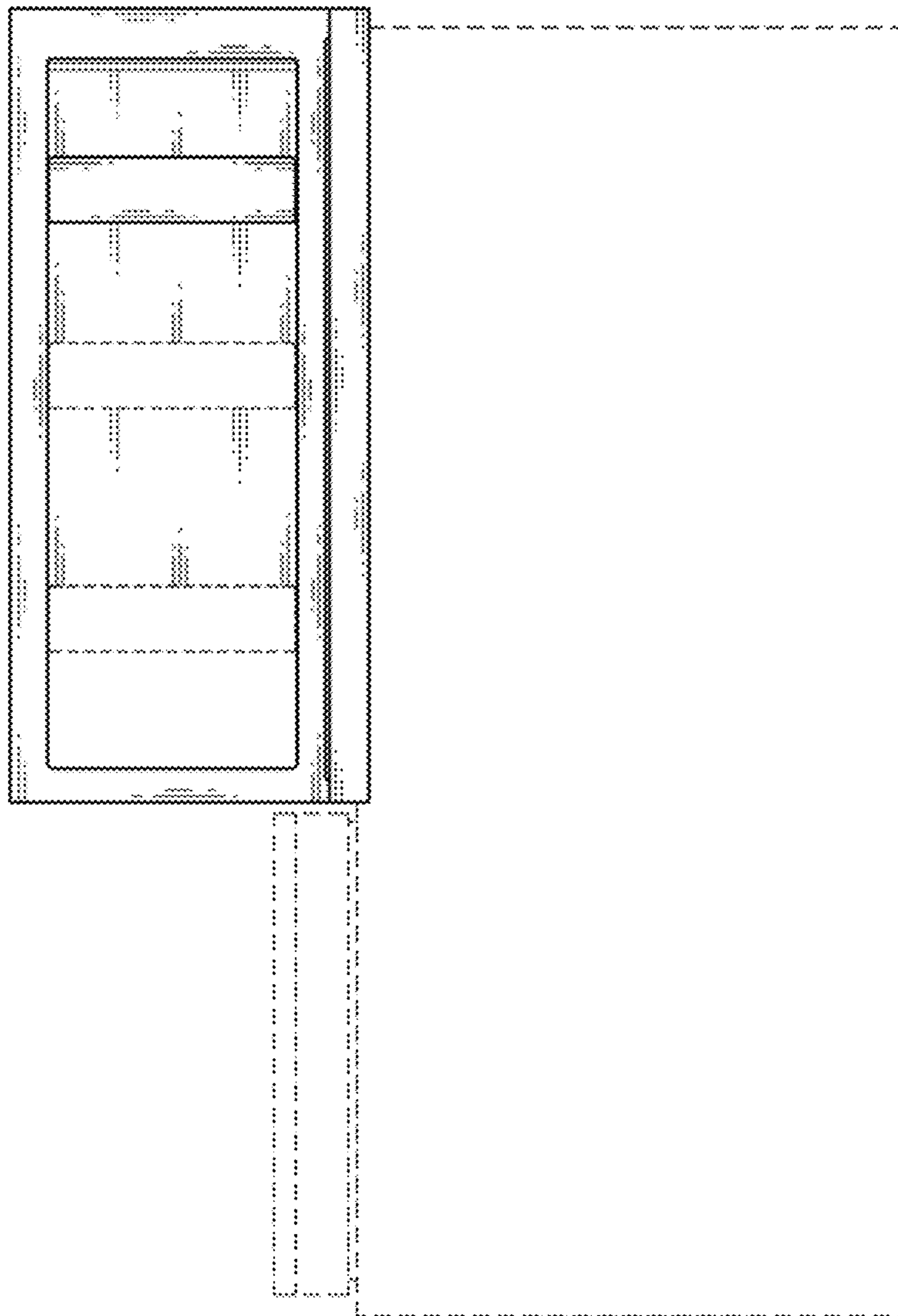




1.13

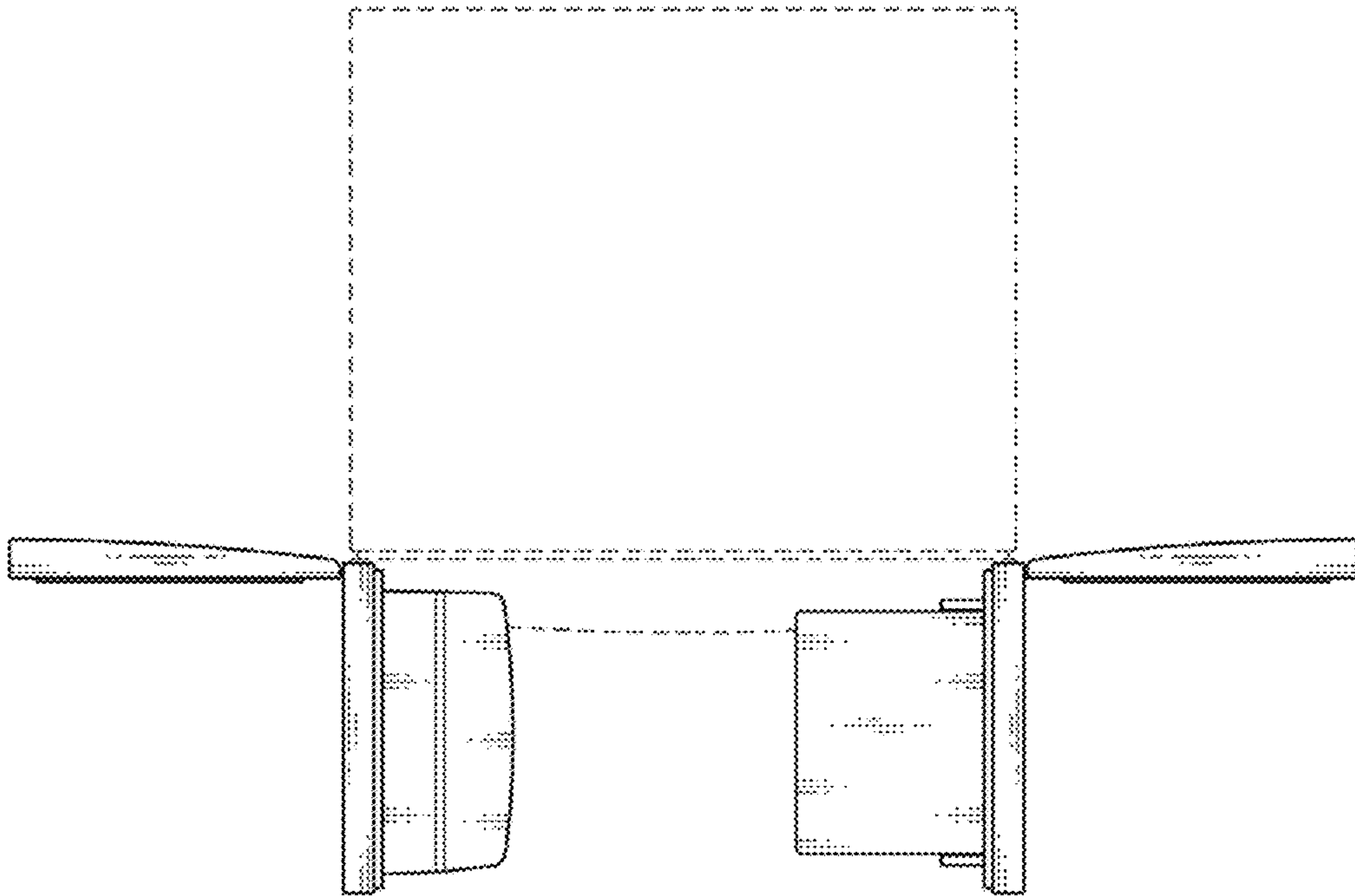


1.14





1.15



1.16

