



US00D829777S

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

(10) **Patent No.:** **US D829,777 S**

(45) **Date of Patent:** **** Oct. 2, 2018**

(54) **REFRIGERATOR**

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

(21) Appl. No.: **29/605,163**

(22) Filed: **May 24, 2017**

(30) **Foreign Application Priority Data**

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

(52) **U.S. Cl.**
USPC **D15/91**

(58) **Field of Classification Search**
USPC D15/79-91
CPC F25D 29/00; F25D 11/003; F25D 2700/08;
F25D 11/02; F25D 11/022; F25D 23/06;
F25D 19/006; F25D 2201/14; F25D
(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

- D576,184 S * 9/2008 Crookshanks D15/91
 - D580,460 S * 11/2008 Crookshanks D15/91
- (Continued)

FOREIGN PATENT DOCUMENTS

- EM 001120489-0006 5/2009
 - EM 001120489-0008 5/2009
- (Continued)

OTHER PUBLICATIONS

Unknown, "LG Signature", published on the internet at social.lge.kr: <http://social.lge.co.kr/lg_story/the_blog/product/lg-signature_refrigerator/> (Last accessed May 3, 2017).

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(57) **CLAIM**

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

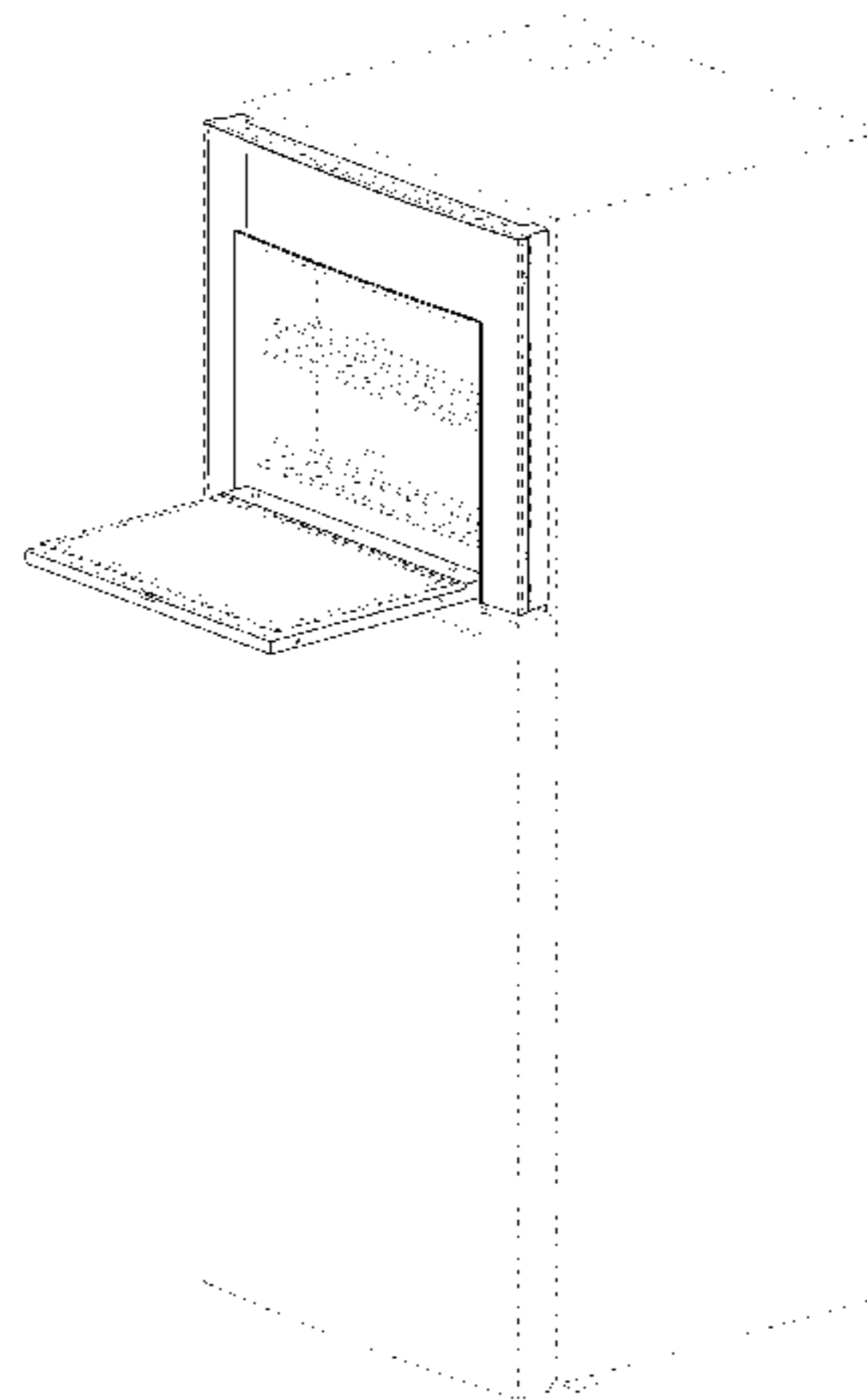
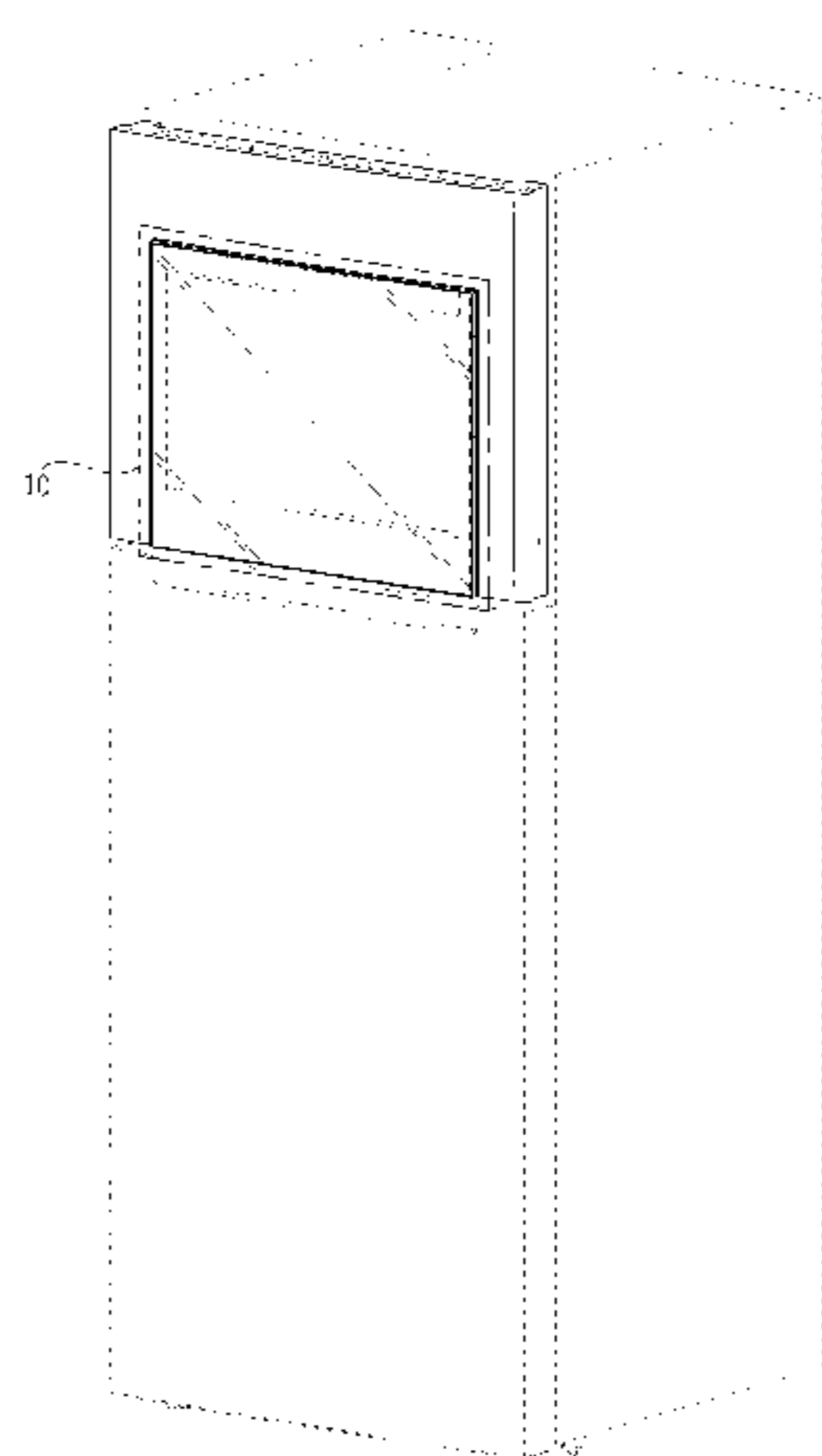
DESCRIPTION

FIG. 1 is a front perspective view of a refrigerator showing our new design;
 FIG. 2 is a front view thereof;
 FIG. 3 is a rear view thereof;
 FIG. 4 is a left-side view thereof;
 FIG. 5 is a right-side view thereof;
 FIG. 6 is a top view thereof;
 FIG. 7 is a bottom view thereof;
 FIG. 8 is an enlarged view of the claimed portion of FIG. 1;
 FIG. 9 is a front perspective view thereof showing our new design in an open configuration;
 FIG. 10 is an enlarged view of the encircled portion 10 of FIG. 1; and,
 FIG. 11 is an enlarged view of the encircled portion of FIG. 2.

The dashed broken lines in the figures depict environment and portions of the refrigerator that form no part of the claimed design.

The dot-dash broken lines in the figures encircling enlarged portions of the design form no part of the claimed design.

1 Claim, 11 Drawing Sheets



(58) **Field of Classification Search**

CPC 2323/00261; F25D 2323/00262; F25D
2323/00272; F25D 2400/361; F25D
2500/06; F25D 2700/02; F25D 2700/12;
F25D 29/005; F25D 29/008; F25D
31/002

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D650,399	S	*	12/2011	Kim	.....	D15/91
D755,007	S	*	5/2016	Lee	.....	D7/405
D758,461	S	*	6/2016	Lee	.....	D15/91
D771,161	S	*	11/2016	Park	.....	D15/91
D774,355	S	*	12/2016	Roberson	.....	D7/406
D778,671	S	*	2/2017	Suh	.....	D7/351
D782,871	S	*	4/2017	Funnell, II	.....	D7/405

FOREIGN PATENT DOCUMENTS

EM	001768789-0001	10/2010
JP	1156402	10/2002

* cited by examiner

FIG. 1

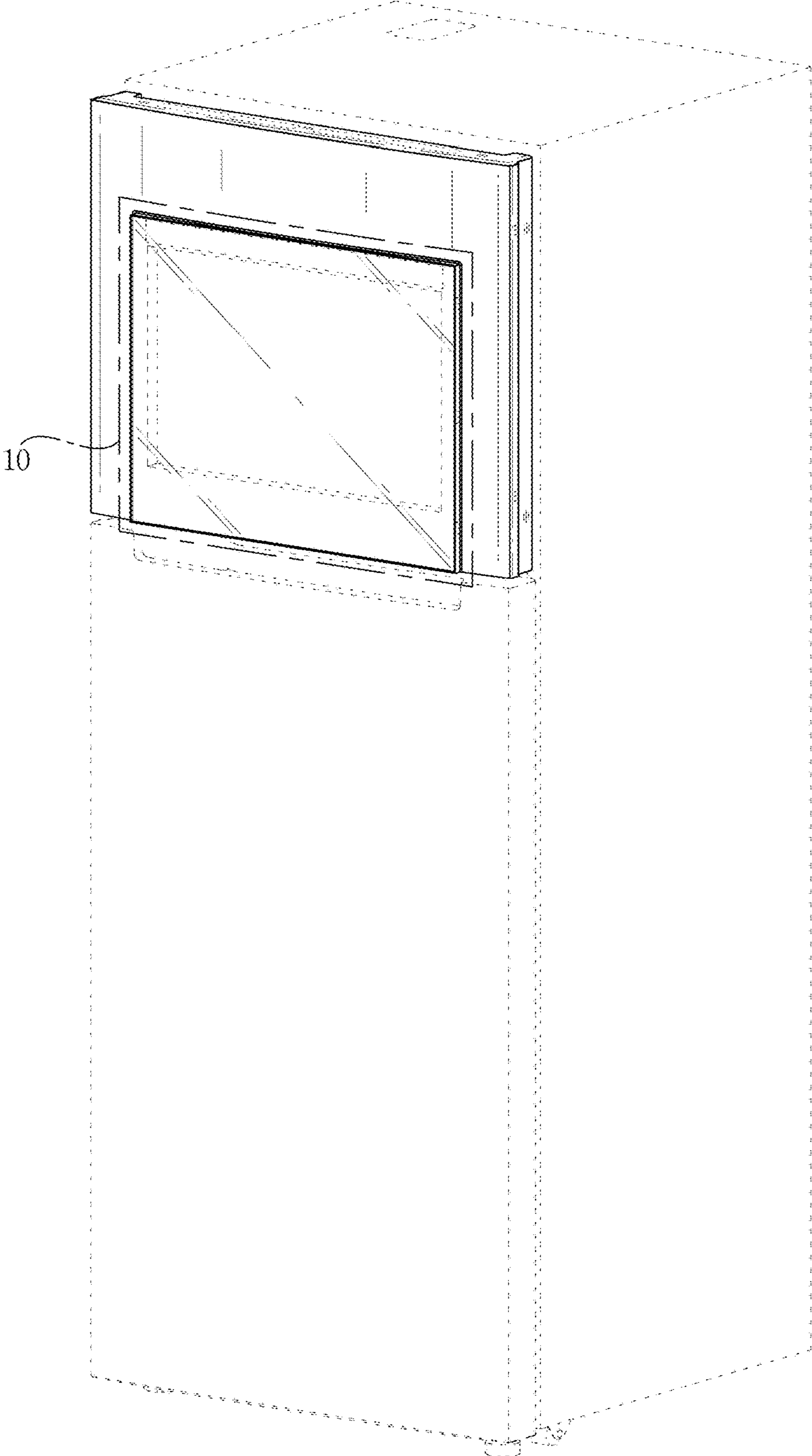


FIG. 2

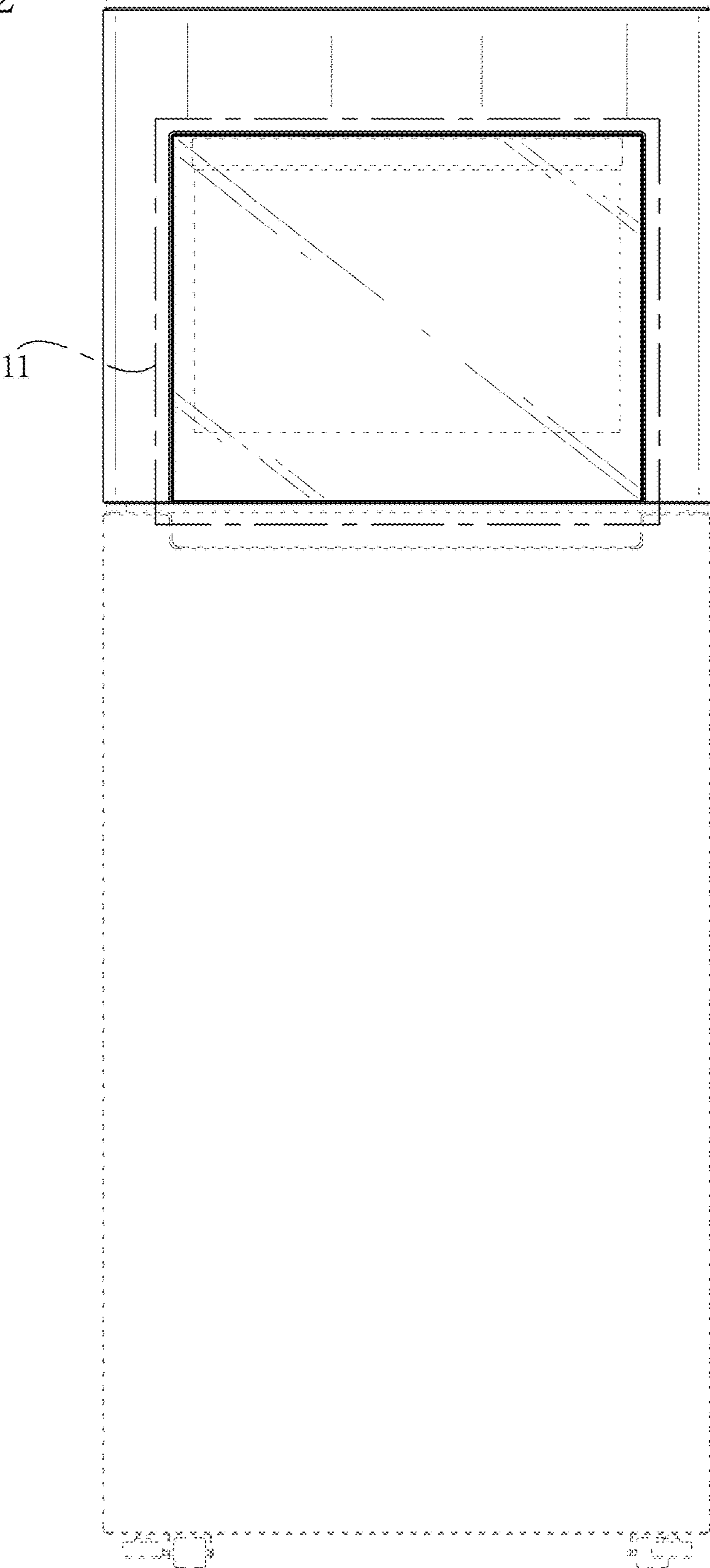


FIG. 3

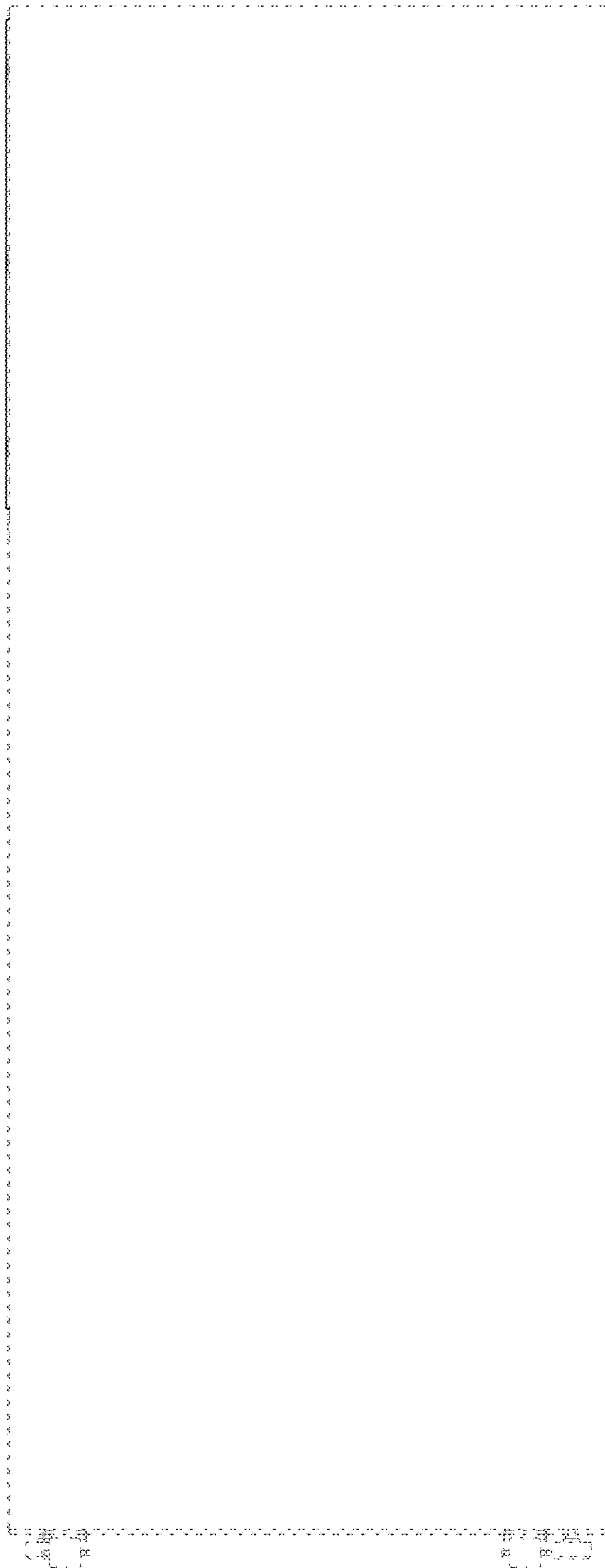


FIG. 4

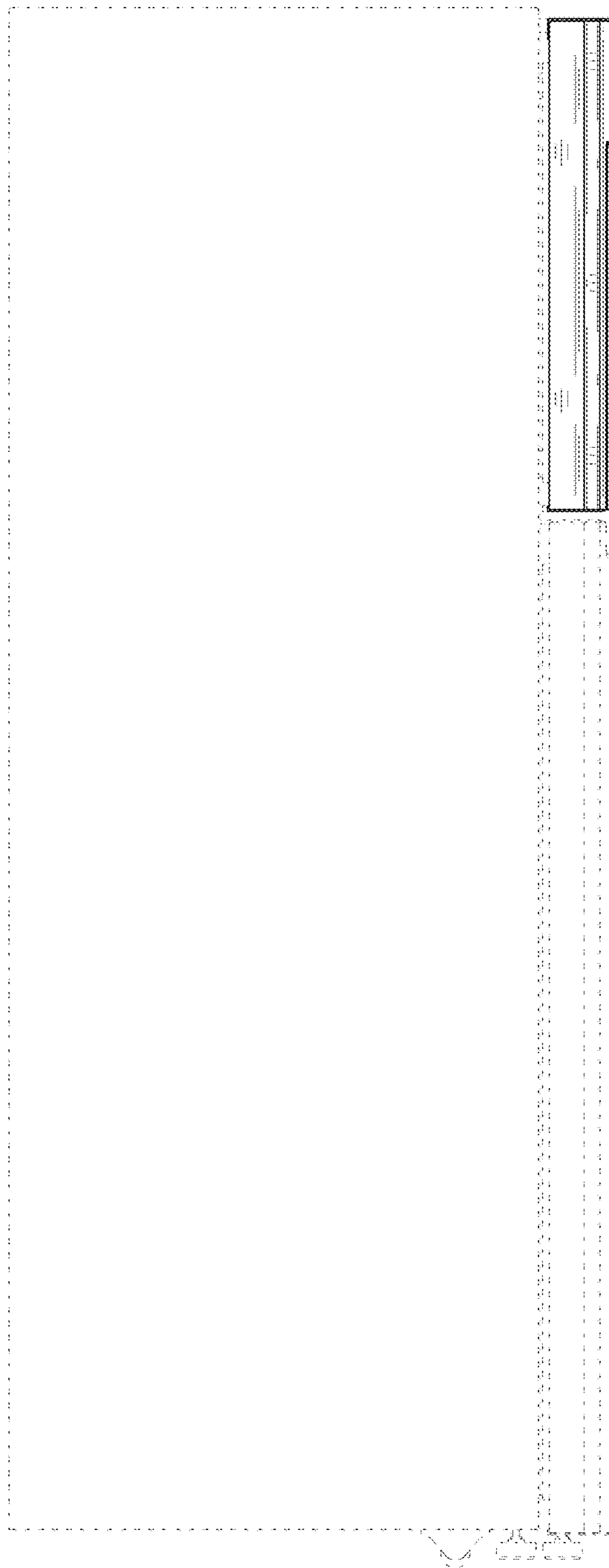


FIG. 5

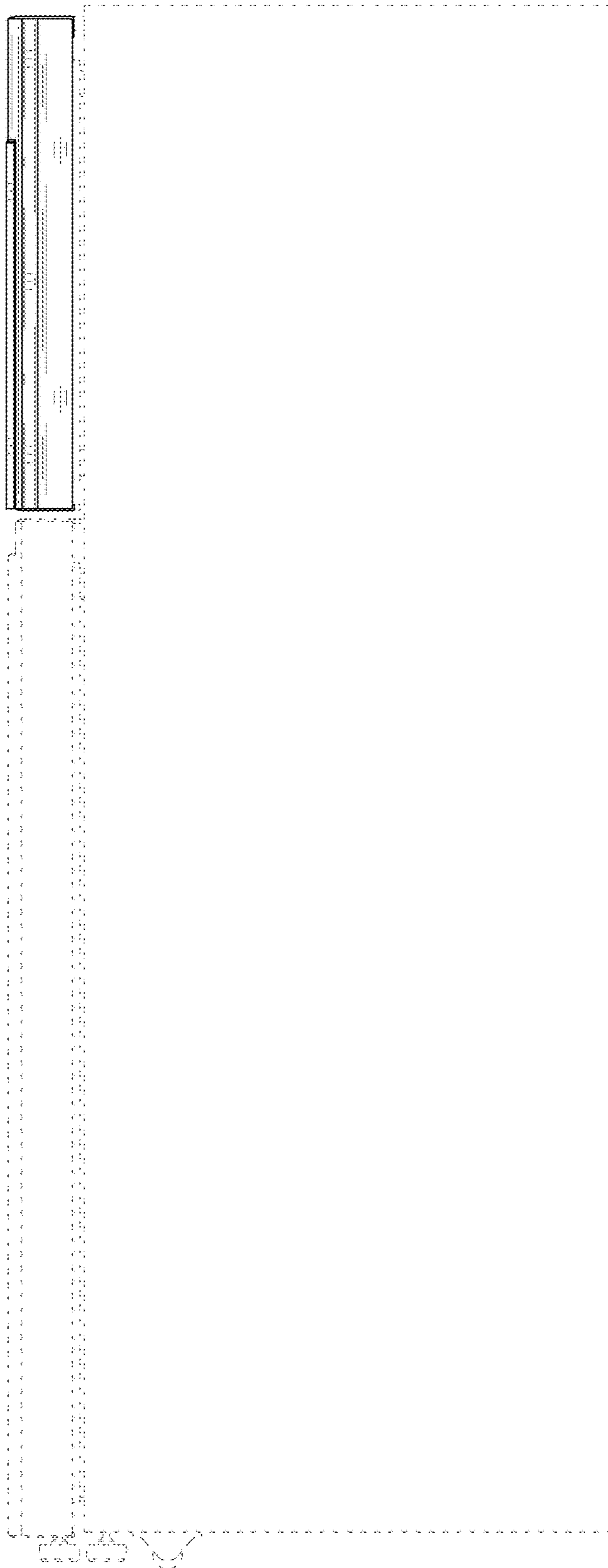


FIG. 6

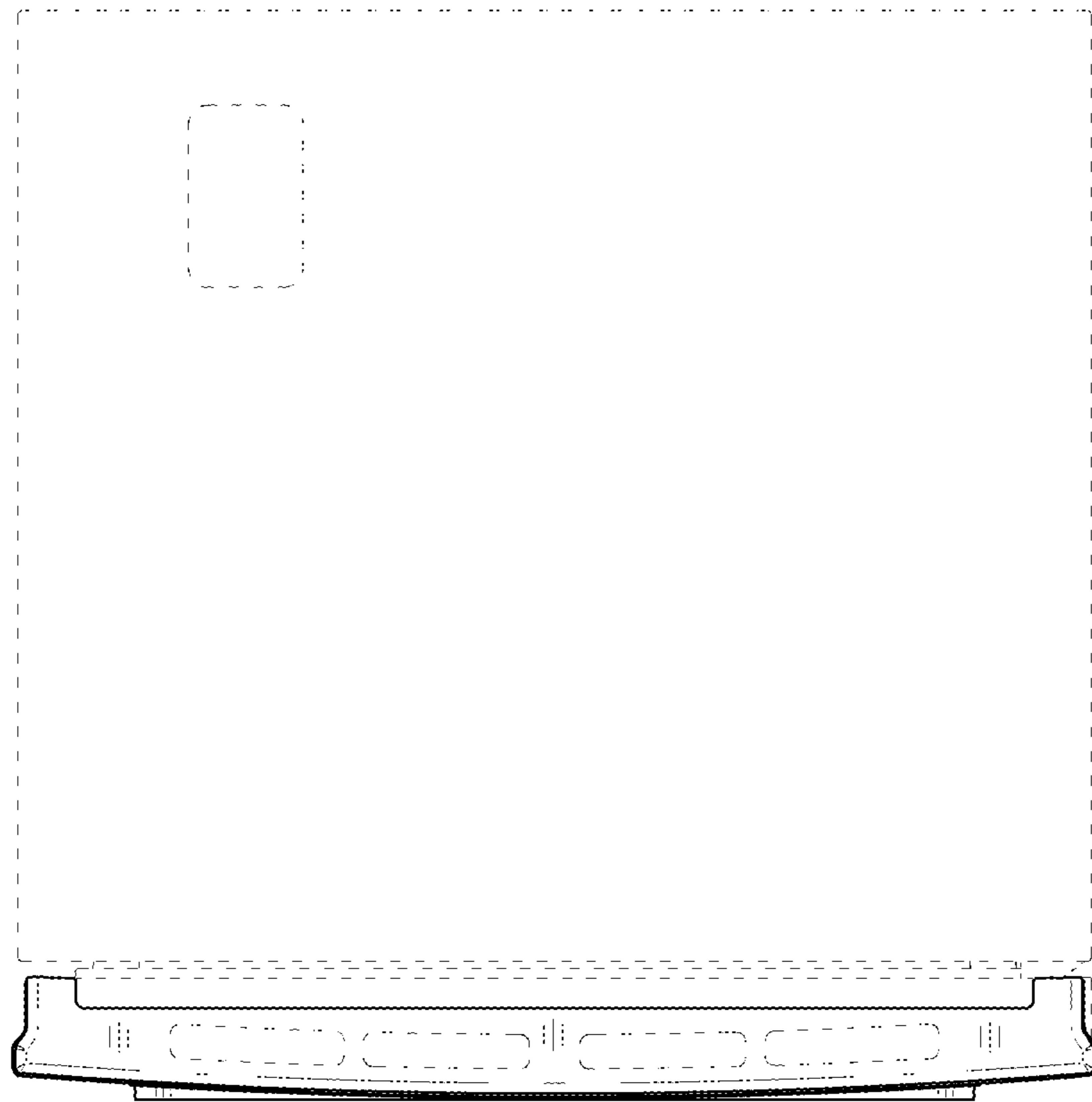


FIG. 7

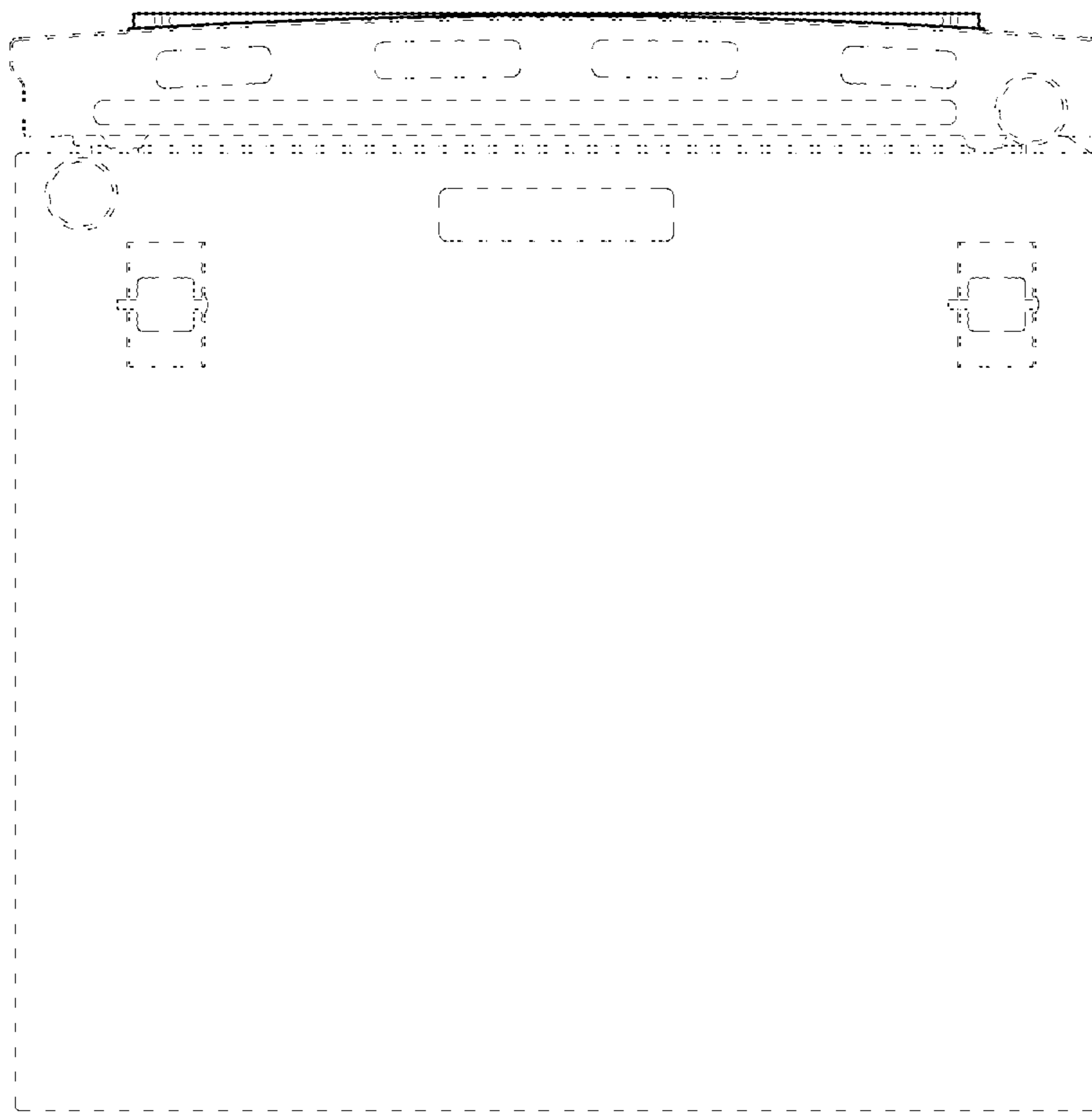


FIG. 8

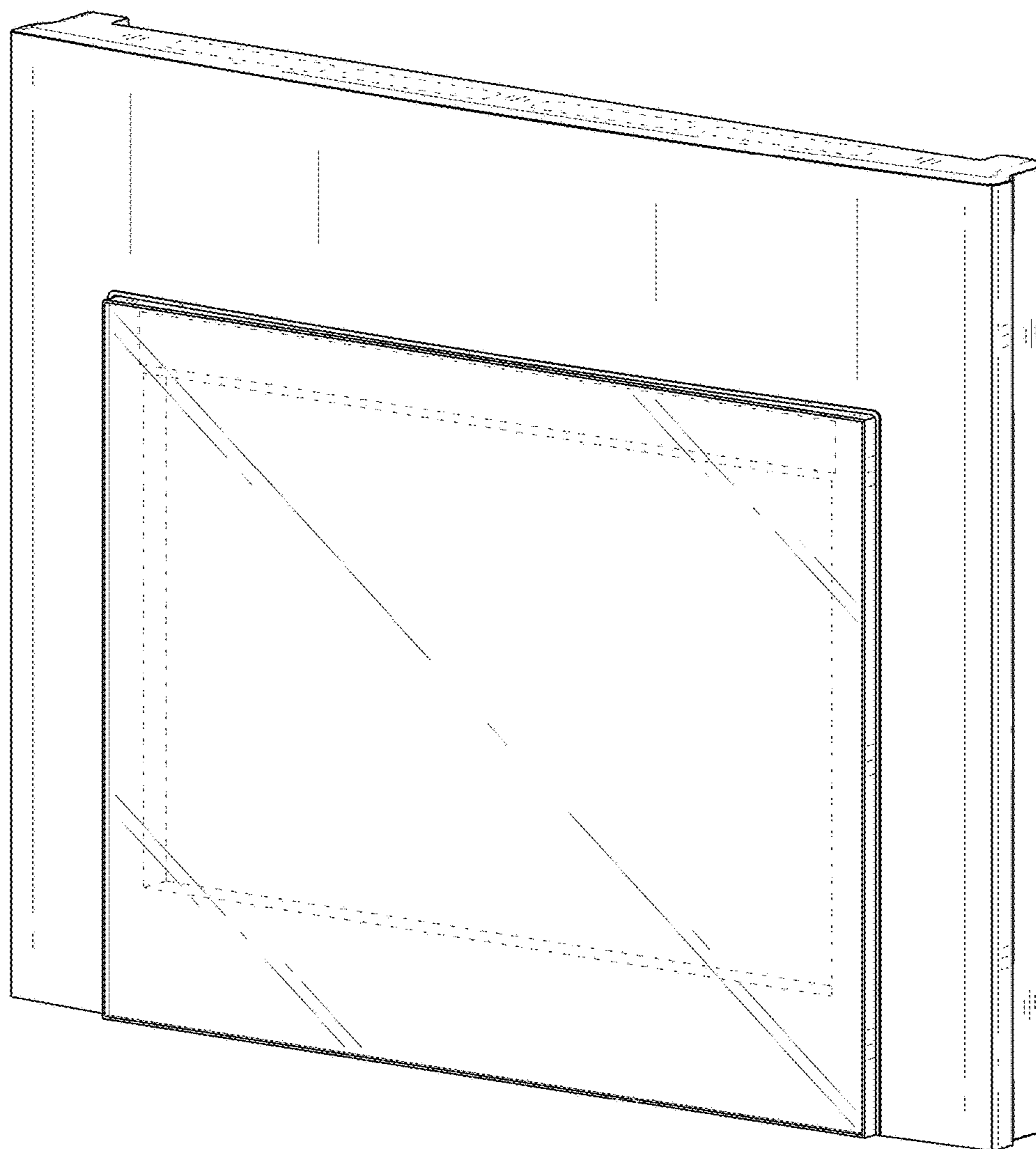


FIG. 9

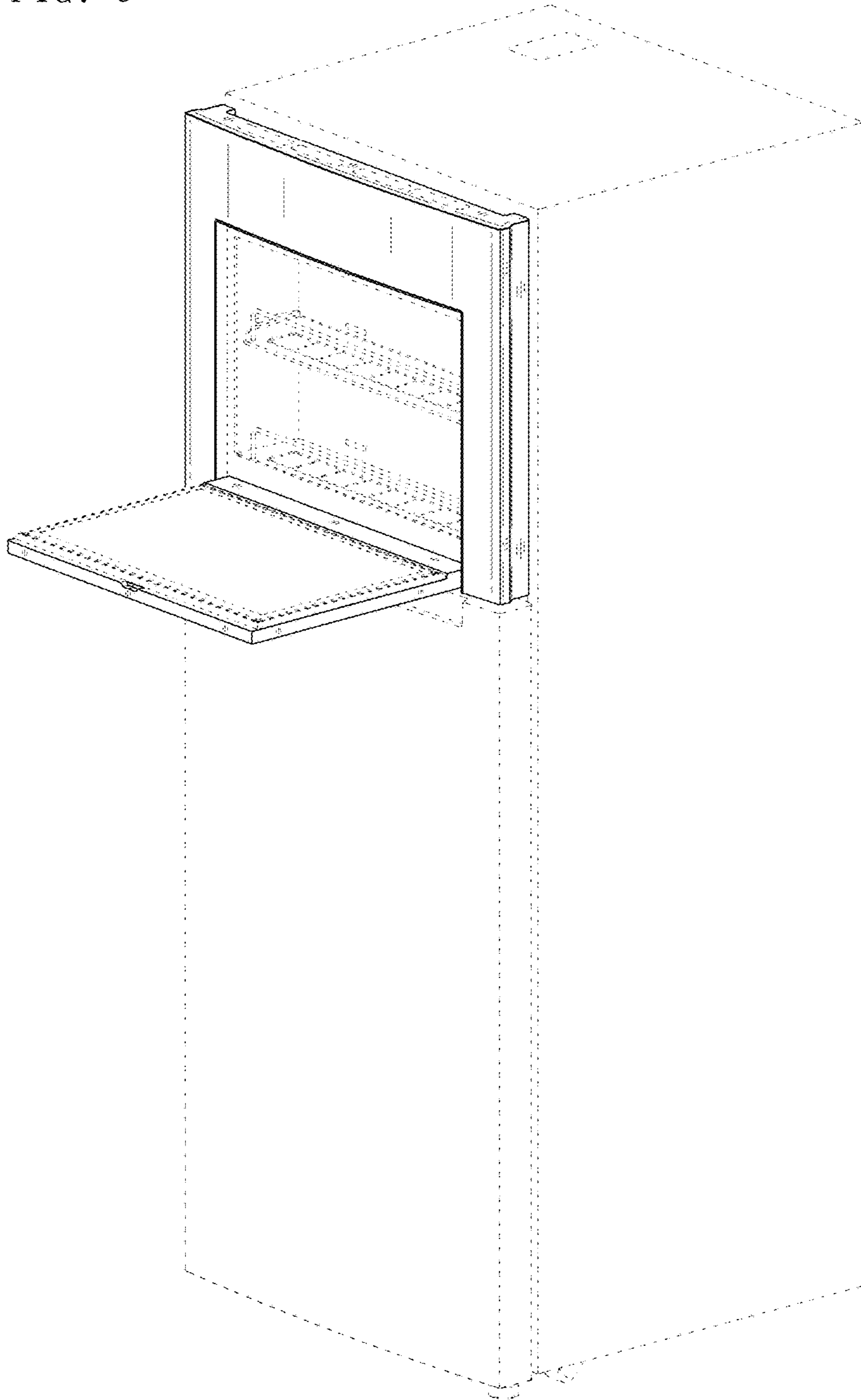


FIG. 10

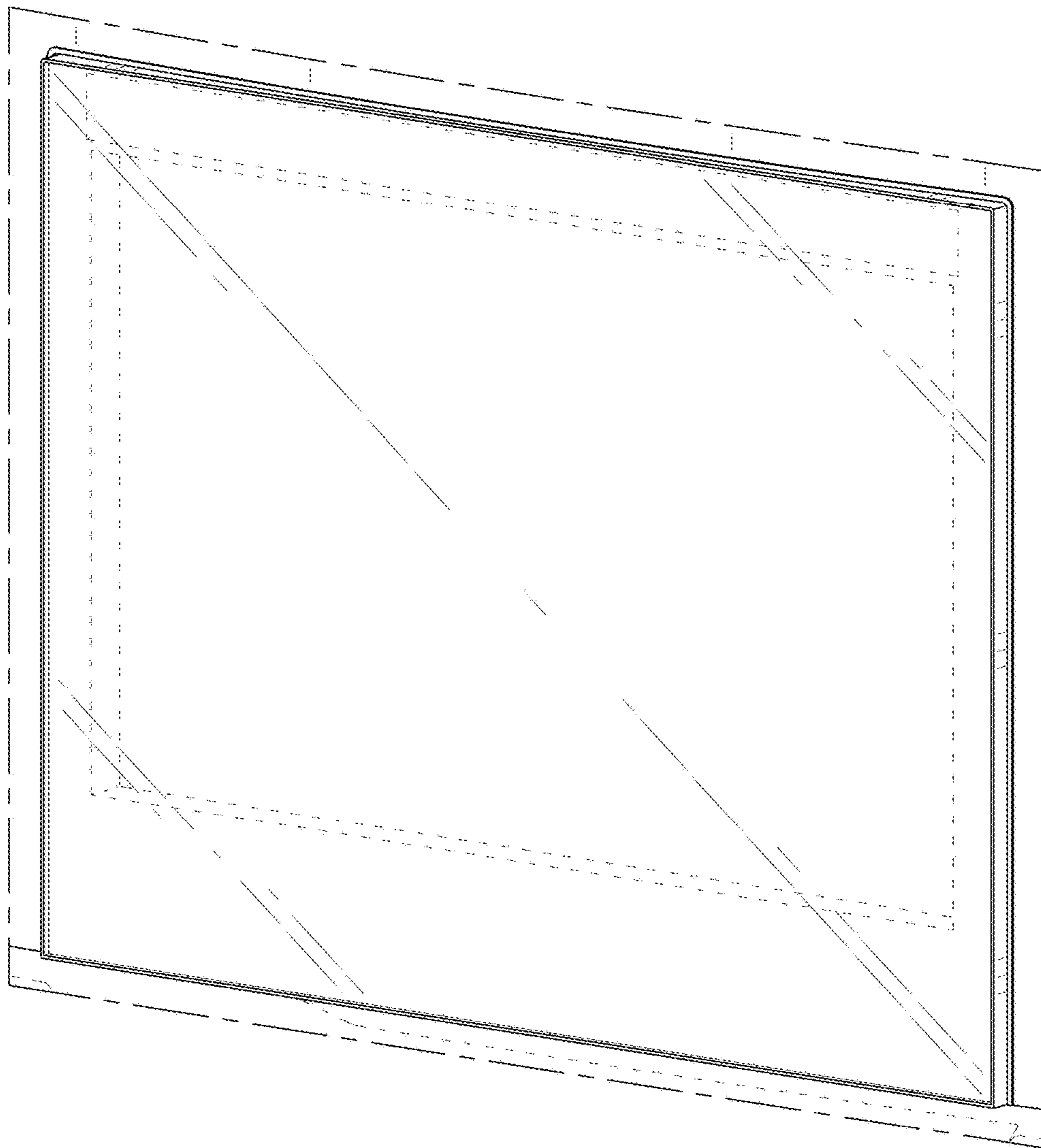


FIG. 11

