

US0D1094480S

(12)

United States Design Patent

Ammerman et al.

(10) Patent No.: US D1,094,480 S

(45) Date of Patent: ** Sep. 23, 2025

(54) REFRIGERATOR

(71) Applicant: WHIRLPOOL CORPORATION,
Benton Harbor, MI (US)

(72) Inventors: Jason Ammerman, Chicago, IL (US);
Chloe P. Condon, St. Joseph, MI (US);
John Jay Myers, Saugatuck, MI (US);
Natasa Rikalo, Milan (IT); Kelly T.
Lin, Plainfield, IL (US)

(73) Assignee: WHIRLPOOL CORPORATION,
Benton Harbor, MI (US)

27/005; F25D 17/06; F25D 2400/18;
F25D 25/04; F25D 2500/06; F25D
2700/122; F25D 23/063; F25D 2700/06;
F25D 2317/0682; F25D 23/10; F25D
23/06; F25D 2323/122; F25D 17/067;
F25D 17/02; F25D 3/06; F25D 2331/805;
F25D 2325/021; F25D 2317/062; F25D
2700/04; F25D 23/064; F25D 2323/121;
F25D 19/00; F25D 23/061; F25D
2400/10; F25D 11/003; F25D 29/008;
F25D 2325/022; F25D 2700/14; F25D
25/00; F25D 23/082; F25D 31/005;
(Continued)

(**) Term: 15 Years

(21) Appl. No.: 29/934,685

(22) Filed: Mar. 27, 2024

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

(52) U.S. Cl. D15/89
USPC

(58) Field of Classification Search
USPC D15/79-91
CPC F25D 23/028; F25D 29/00; F25D 17/065;
F25D 23/02; F25D 11/02; F25D 23/126;
F25D 25/025; F25D 23/04; F25D 29/005;
F25D 25/02; F25D 2201/14; F25D 23/12;
F25D 17/045; F25D 2400/04; F25D
2700/12; F25D 2323/021; F25D 2400/06;
F25D 2700/02; F25D 23/062; F25D
11/00; F25D 2400/361; F25D 21/14;
F25D 2323/024; F25D 27/00; F25D
17/042; F25D 2331/803; F25D 23/067;
F25D 2317/061; F25D 23/025; F25D
3/08; F25D 11/022; F25D 2500/02; F25D
17/062; F25D 21/04; F25D 2400/36;
F25D 23/065; F25D 2400/40; F25D
2317/067; F25D 23/066; F25D 23/087;
F25D 3/04; F25D 23/00; F25D 2323/023;
F25D 23/006; F25D 23/085; F25D
23/003; F25D 21/08; F25D 31/007; F25D
23/069; F25D 23/021; F25D 25/024;
F25D 19/006; F25D 2400/02; F25D

(56) References Cited

U.S. PATENT DOCUMENTS

1,656,199 A 1/1928 Harriette
4,518,664 A 5/1985 Whittlesey et al.
(Continued)

Primary Examiner — Khawaja Anwar
(74) Attorney, Agent, or Firm — Price Heneveld LLP

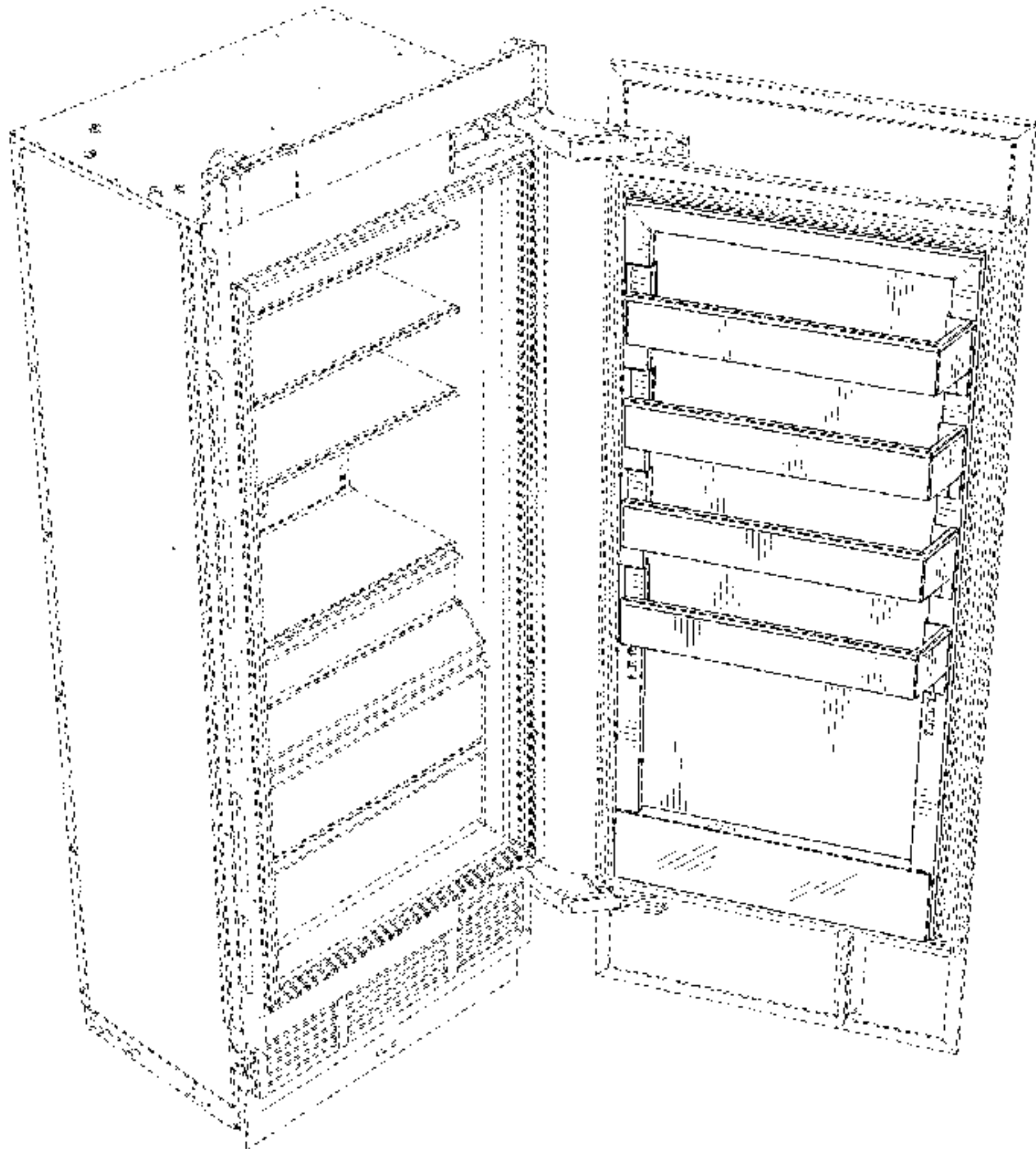
(57) CLAIM

The ornamental design for a refrigerator as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a refrigerator according to the claimed design;
FIG. 2 is a front elevation view thereof;
FIG. 3 is a back elevation view thereof;
FIG. 4 is a right side elevation view thereof;
FIG. 5 is a left side elevation view thereof;
FIG. 6 is a top plan view thereof; and,
FIG. 7 is a bottom plan view thereof.
The portions of the article shown in broken line form no part of the claimed design.
Diagonal shading is used to represent features that are transparent or highly reflective.

1 Claim, 7 Drawing Sheets



(58) **Field of Classification Search**

CPC F25D 2317/0665; F25D 2331/809; F25D 17/04; F25D 31/002; F25D 17/08; F25D 2700/121; F25D 2331/804; F25D 25/005; F25D 2400/30; F25D 2400/28; F25D 25/021; F25D 29/003; F25D 2317/0681; F25D 2317/0666; F25D 2325/023; F25D 2317/063; F25D 2317/0683; F25D 11/025; F25D 2400/16; F25D 2600/02; F25D 16/00; F25D 25/027; F25D 21/002; F25D 21/006; F25D 2201/10; F25D 2700/08; F25D 11/006; F25D 2700/16; F25D 19/02; F25D 21/02; F25D 2201/126; F25D 2317/0672; F25D 2317/0653; F25D 2303/081; F25D 2700/123; F25D 29/006; F25D 21/008; F25D 2700/10; F25D 2323/02; F25D 2201/12; F25D 2400/12; F25D 2600/06; F25D 17/047; F25D 11/027; F25D 2400/38; F25D 2317/0661; F25D 31/006; F25D 15/00; F25D 2400/08; F25D 2321/146; F25D 23/068; F25D 2317/04131; F25D 2327/001; F25D 2303/0831; F25D 2303/0843; F25D 2317/0664; F25D 2317/0651; F25D 25/022; F25D 2317/0417; F25D 2317/043; F25D 2317/0655; F25D 2321/1441; F25D 2600/04; F25D 21/06; F25D 3/02; F25D 31/00; F25D 2303/082; F25D 7/00; F25D 2700/00; F25D 23/026; F25D 25/028; F25D 2317/041; F25D 21/12; F25D 2317/0671; F25D 2303/08222; F25D 3/00; F25D 11/04; F25D 3/10; F25D 2317/0415; F25D 2303/0845; F25D 2331/806; F25D 2331/808; F25D 2323/0011; F25D 2303/0822; F25D 2500/04; F25D 2317/0413; F25D 2303/085; F25D 3/12; F25D 2400/22; F25D 3/125; F25D 2331/81; F25D 2323/00264; F25D 2331/801; F25D 23/08; F25D 2303/0841; F25D 2317/0654; F25D 13/00; F25D 2323/022; F25D 3/045; F25D 29/001; F25D 21/004; F25D 2600/00; F25D 19/04; F25D 2400/32; F25D 19/003; F25D 17/005; F25D 23/023; F25D 3/11; F25D 31/003; F25D 2303/0844; F25D 2317/0411; F25D 2201/122; F25D 2323/00261; F25D 2331/807; F25D 3/122; F25D 2321/1412; F25D 2323/0021; F25D 3/107; F25D 13/02; F25D 1/00; F25D 2323/00274; F25D 2400/14; F25D 5/02; F25D 1/02; F25D 2201/1262; F25D 23/123; F25D 2323/00271; F25D 13/04; F25D 2300/00; F25D 2317/0416; F25D 2321/1442; F25D 2201/124; F25D 2321/1411; F25D 2303/08221; F25D 2321/143; F25D 2331/812; F25D 2331/802; F25D 13/06;

F25D 2400/20; F25D 3/105; F25D 2400/26; F25D 13/067; F25D 3/005; F25D 2321/1413; F25D 2323/00272; F25D 2321/142; F25D 21/125; F25D 2201/30; F25D 3/14; F25D 2317/068; F25D 17/00; F25D 2201/1282; F25D 2303/0842; F25D 2317/04111; F25D 2323/061; F25D 2303/0832; F25D 5/00

See application file for complete search history.

(56)

References Cited

U.S. PATENT DOCUMENTS

4,615,955 A	10/1986	Amakawa et al.	
4,718,866 A	1/1988	Yamaguchi	
4,804,518 A	2/1989	Levine et al.	
4,856,715 A	8/1989	Fordyce	
4,999,709 A	3/1991	Yamazaki et al.	
D508,249 S	8/2005	Seok et al.	
D511,177 S	11/2005	Jackovin et al.	
D511,179 S	11/2005	Tunzi	
D518,832 S	4/2006	Park et al.	
D616,001 S	5/2010	Yang et al.	
D629,819 S	12/2010	Placke et al.	
D639,315 S	6/2011	Yang et al.	
D647,927 S	11/2011	Lee et al.	
D654,515 S	2/2012	Hwang et al.	
D655,321 S	3/2012	Lee et al.	
D658,214 S	4/2012	Seo et al.	
D668,696 S	10/2012	Seo et al.	
D671,151 S	11/2012	Seo et al.	
D671,572 S	11/2012	Seo et al.	
D674,417 S	1/2013	Seo et al.	
D685,010 S	6/2013	Seo et al.	
D707,735 S	6/2014	Cho et al.	
D709,105 S	* 7/2014	Saejin	D15/85
D710,401 S	* 8/2014	Ringemann	D15/85
D710,402 S	8/2014	Jeon et al.	
D716,851 S	11/2014	Seo et al.	
D718,346 S	* 11/2014	Cho	D15/81
D718,349 S	* 11/2014	Cho	D15/85
D727,374 S	* 4/2015	McConnell	D15/85
D743,453 S	11/2015	McConnell	
D748,164 S	1/2016	McConnell et al.	
D748,691 S	2/2016	McConnell et al.	
D748,693 S	2/2016	McConnell et al.	
D749,652 S	2/2016	McConnell et al.	
D755,260 S	5/2016	McConnell	
D759,733 S	* 6/2016	Lee	D15/85
D761,335 S	7/2016	McConnell	
D761,885 S	7/2016	McConnell	
D762,250 S	7/2016	McConnell et al.	
D773,539 S	12/2016	Kim et al.	
D778,965 S	2/2017	Kim et al.	
D797,820 S	9/2017	Kim et al.	
D806,764 S	1/2018	McConnell	
D809,573 S	2/2018	McConnell et al.	
D818,505 S	5/2018	Ammerman et al.	
D819,092 S	5/2018	Ammerman et al.	
D829,246 S	9/2018	Ammerman et al.	
D862,530 S	10/2019	Seo et al.	
D894,244 S	8/2020	Ammerman et al.	
D952,007 S	5/2022	Szczesny et al.	
D1,009,949 S	* 1/2024	Kamper	D15/81
D1,016,105 S	2/2024	Ammerman et al.	
D1,050,198 S	* 11/2024	Lee	D15/86
D1,050,199 S	* 11/2024	Choi	D15/86

* cited by examiner

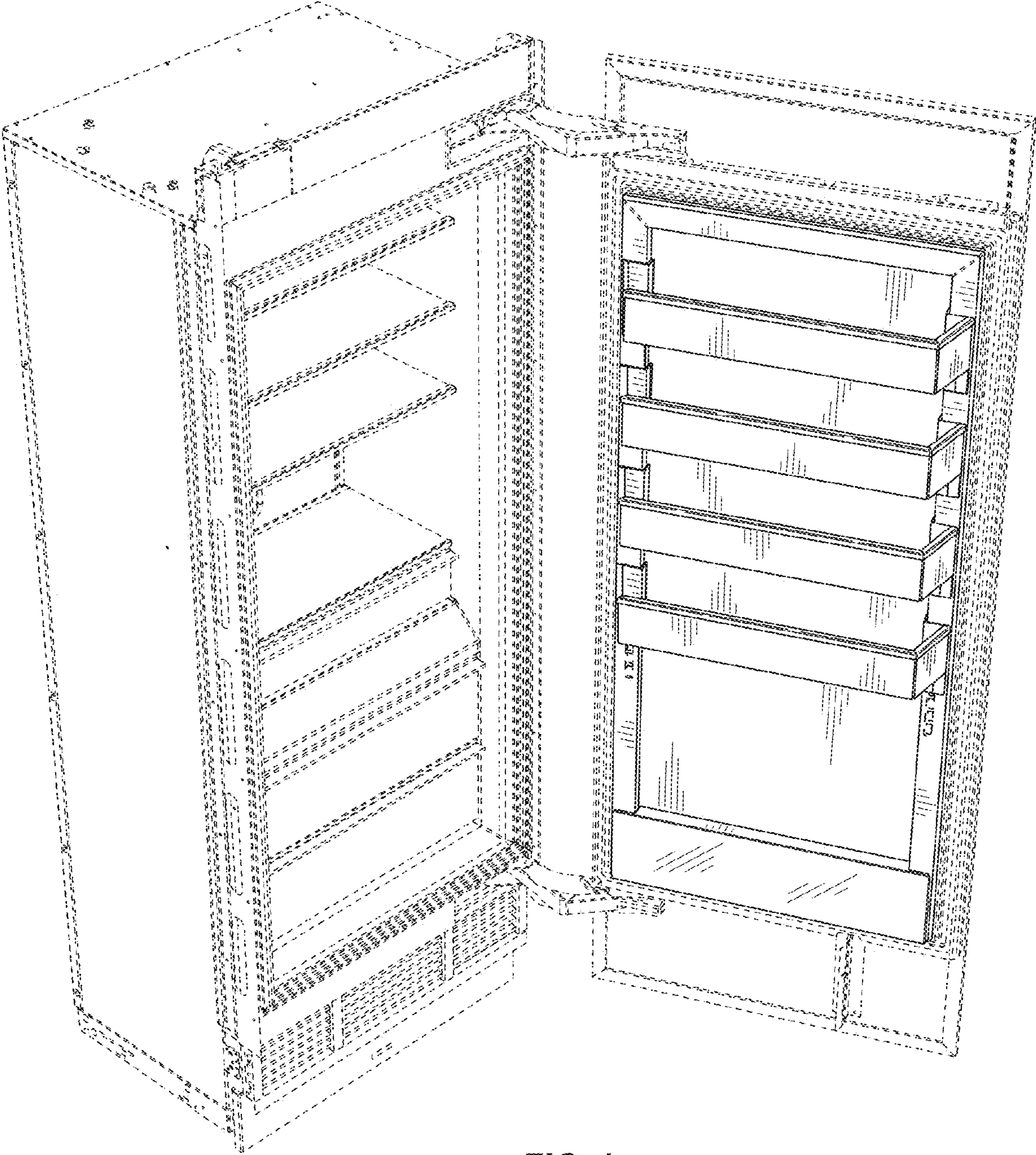


FIG. 1

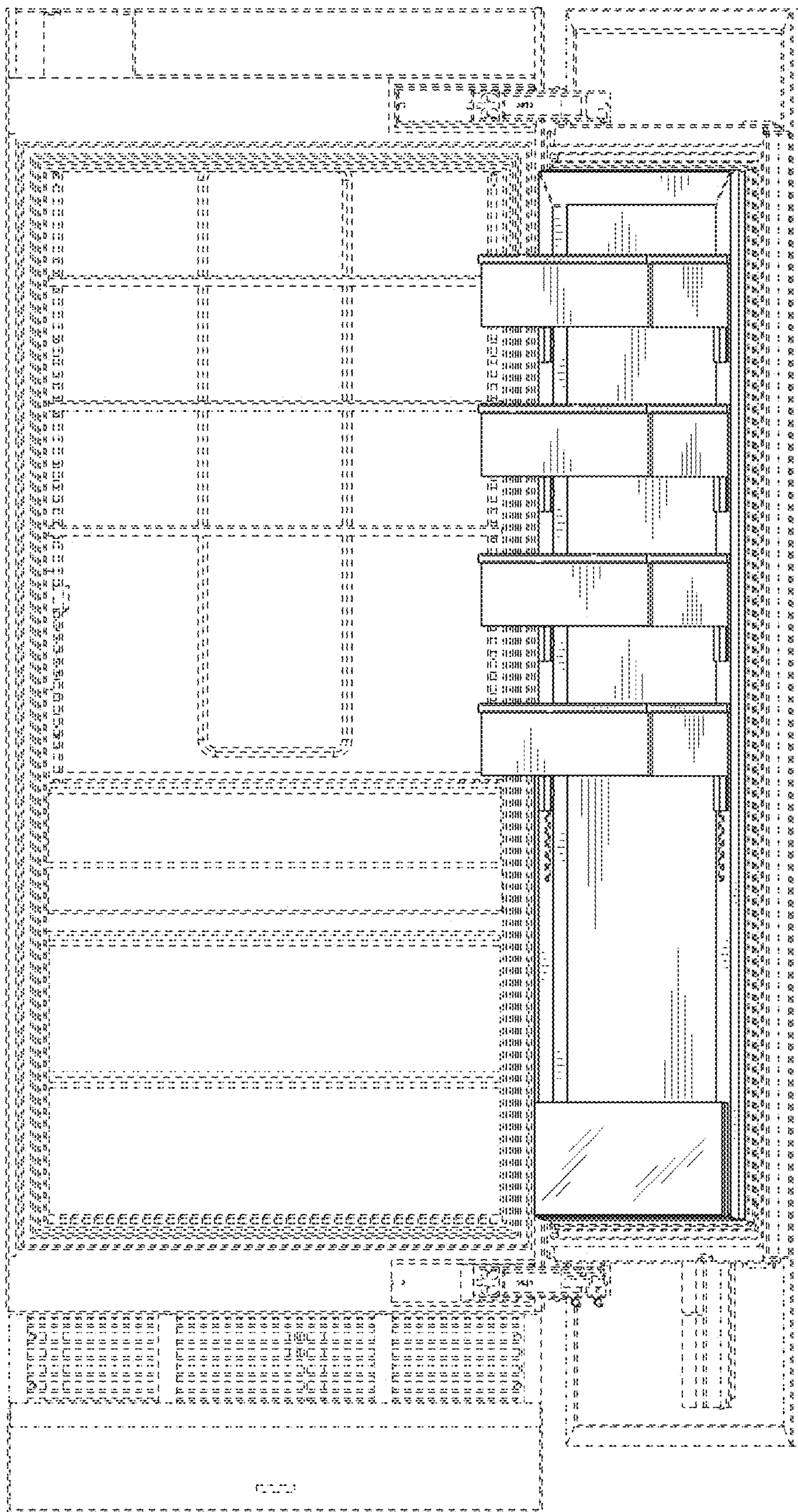


FIG. 2

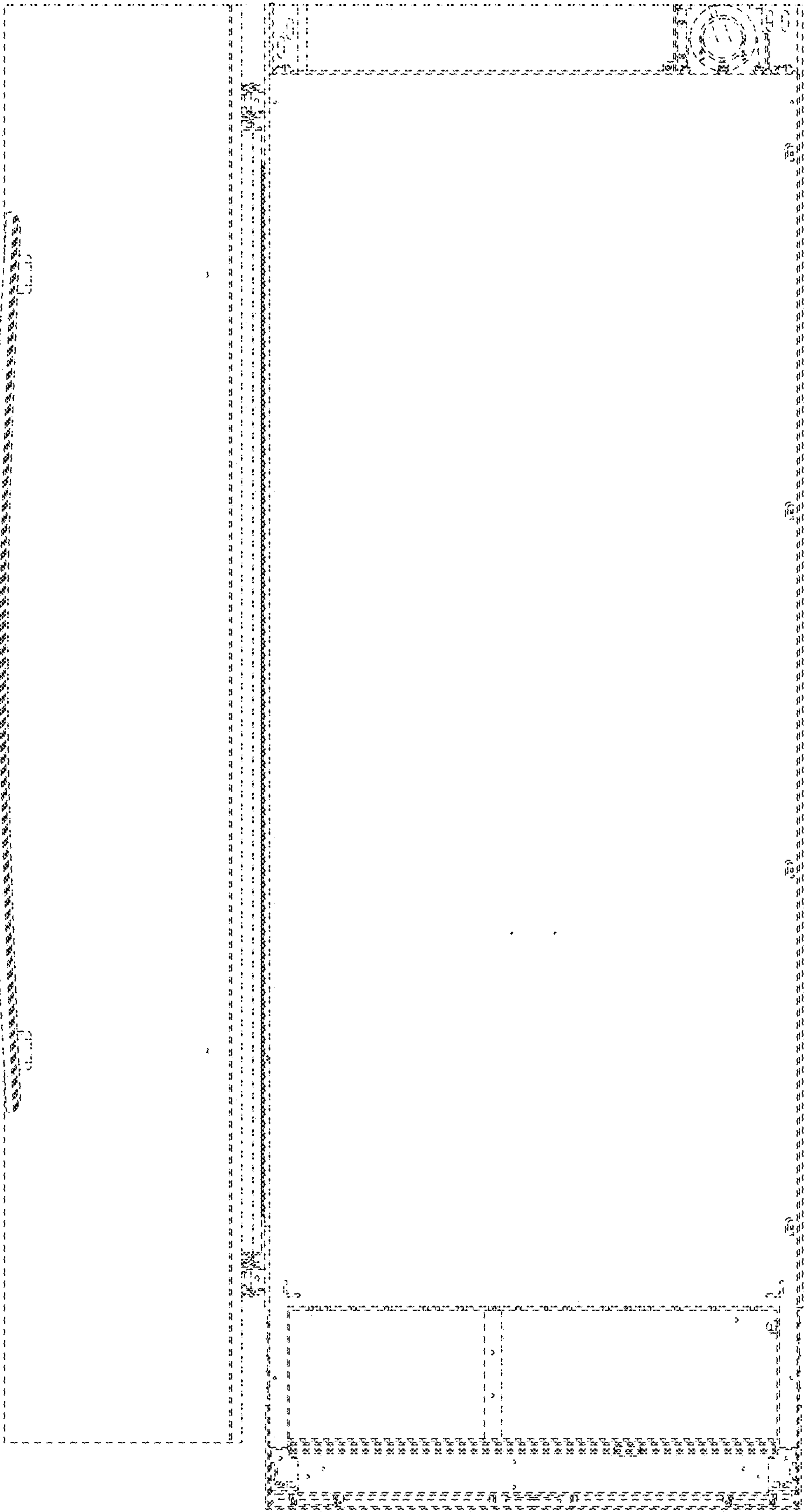


FIG. 3

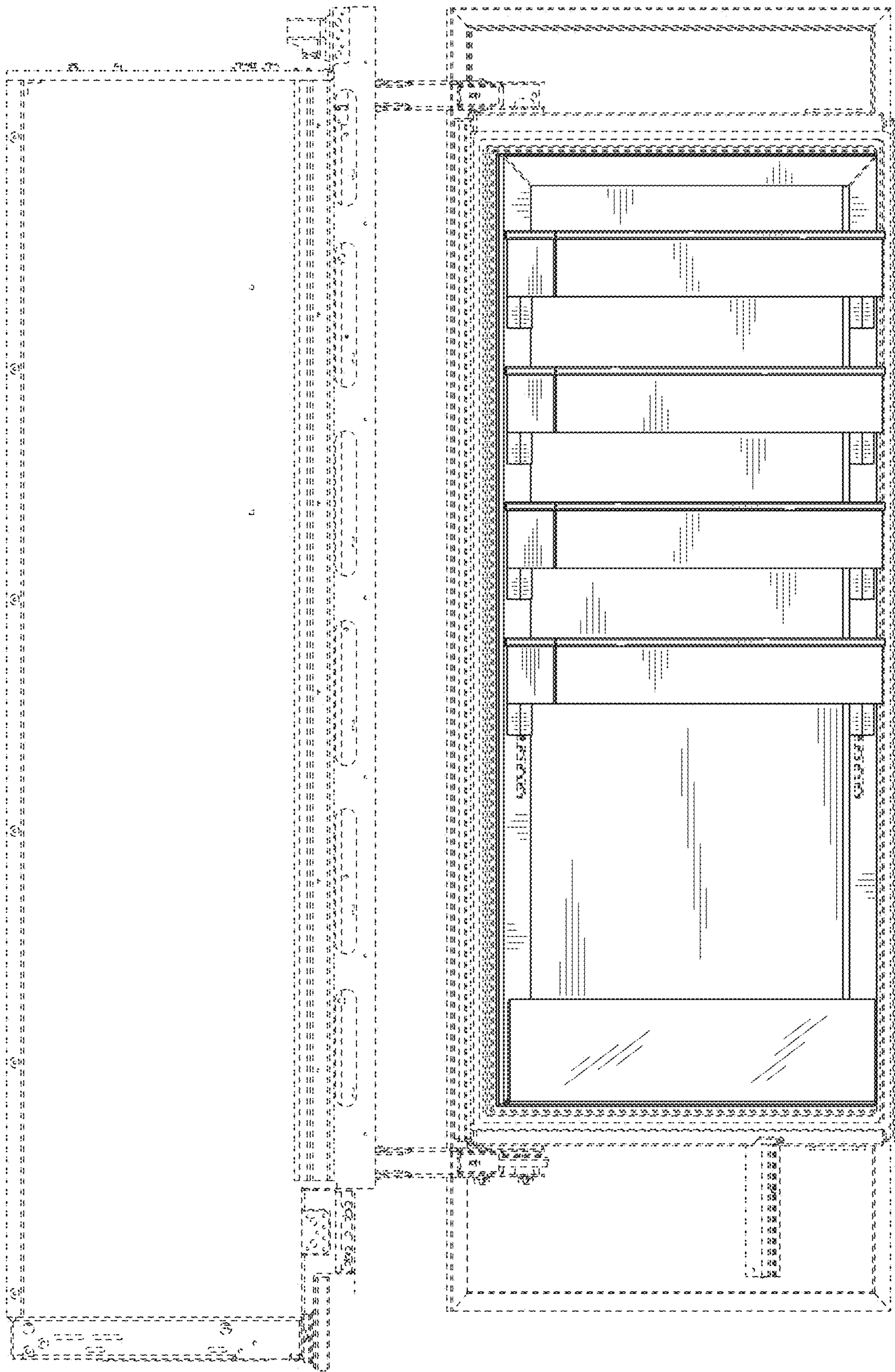


FIG. 4

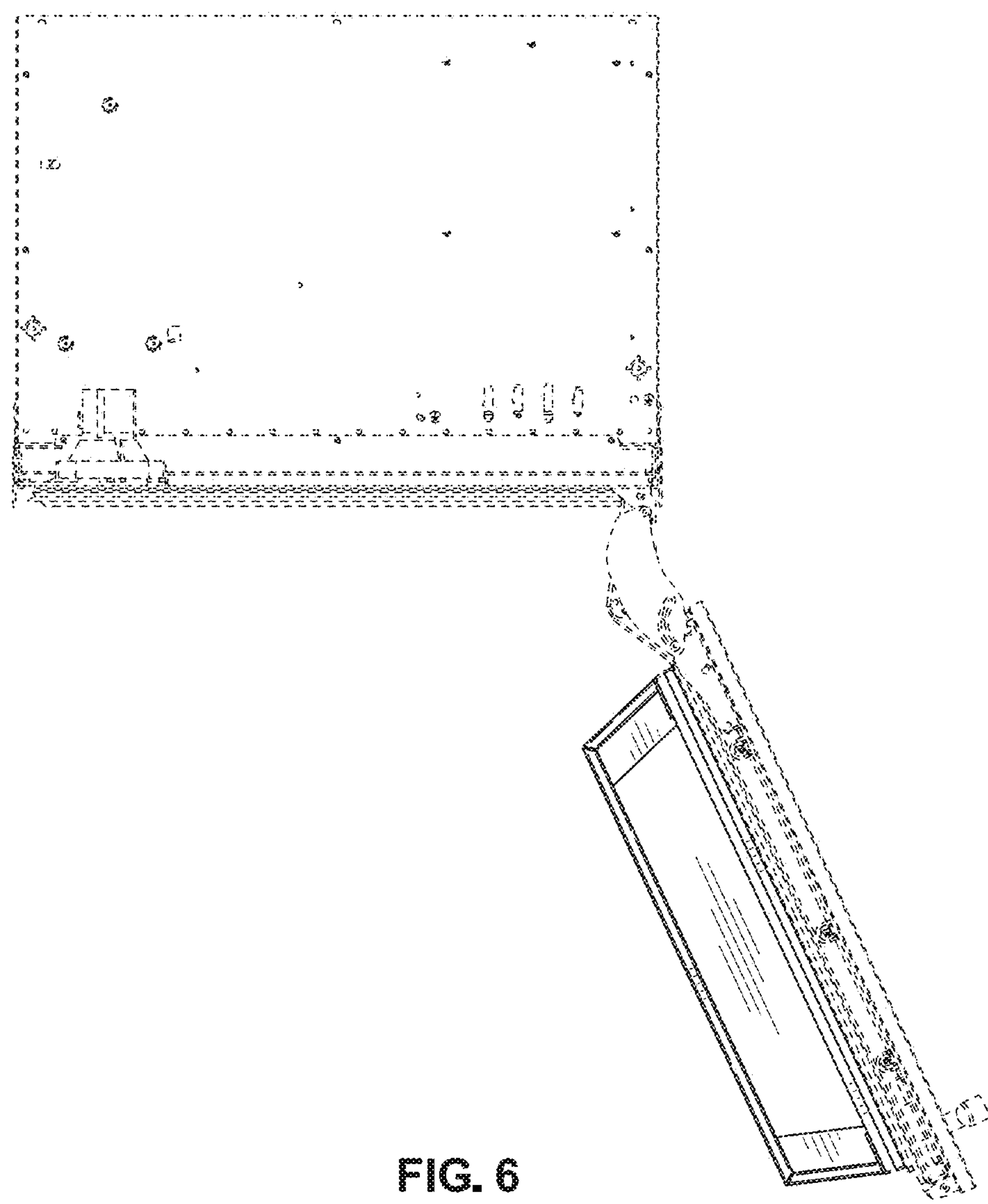


FIG. 6

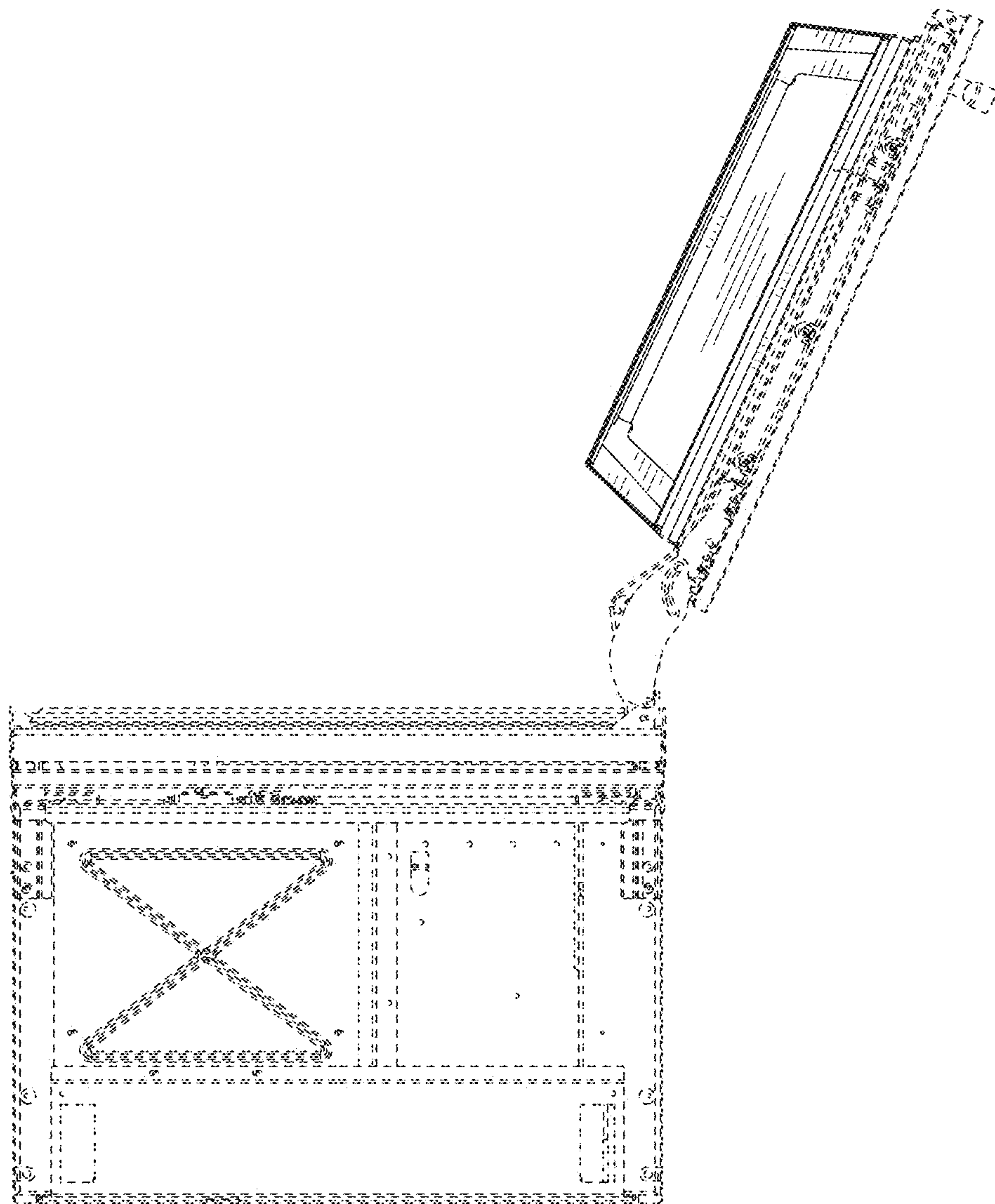


FIG. 7