

US00D694295S

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

(10) **Patent No.:** **US D694,295 S**

(45) **Date of Patent:** **** Nov. 26, 2013**

- (54) **IN-DOOR ICE CHUTE**
- (71) Applicant: **Whirlpool Corporation**, St. Joseph, MI (US)
- (72) Inventors: **Michael A. Bowen**, Keystone, IA (US);
Lawrence J. Ertz, Amana, IA (US);
Bruce A. Kopf, Cedar Rapids, IA (US);
Dean A. Martin, Solon, IA (US); **Scott W. Leimkuehler**, Swisher, IA (US);
Chad J. Rotter, Amana, IA (US)
- (73) Assignee: **Whirlpool Corporation**, Benton Harbor, MI (US)
- (**) Term: **14 Years**
- (21) Appl. No.: **29/442,499**
- (22) Filed: **Mar. 15, 2013**

3,399,809	A *	9/1968	Simonich	.....	222/639
3,476,295	A *	11/1969	Telfer	.....	222/183
3,537,132	A *	11/1970	Alvarez	.....	62/266
3,561,231	A *	2/1971	Webb	.....	62/344
3,572,053	A *	3/1971	Jacobus et al.	.....	62/344
3,640,088	A *	2/1972	Jacobus et al.	.....	62/320
3,789,620	A *	2/1974	Benasutti et al.	.....	62/344
3,942,334	A *	3/1976	Pink	.....	62/266
4,069,545	A *	1/1978	Holet et al.	.....	16/49
4,090,641	A *	5/1978	Lindenschmidt	.....	222/504
4,462,437	A *	7/1984	Prada	.....	141/360
4,706,169	A *	11/1987	Bussan et al.	.....	362/26
4,851,662	A *	7/1989	Ott et al.	.....	250/214 AL
5,211,462	A *	5/1993	Bien et al.	.....	312/404
5,272,888	A *	12/1993	Fisher et al.	.....	62/344
5,273,219	A *	12/1993	Beach et al.	.....	241/65
5,353,689	A *	10/1994	Bolt et al.	.....	92/85 R
5,473,911	A *	12/1995	Unger	.....	62/344
5,474,213	A *	12/1995	Unger	.....	222/108
5,526,843	A *	6/1996	Wolf et al.	.....	137/550
5,526,854	A *	6/1996	Unger	.....	141/351
5,701,235	A *	12/1997	Hagemeyer Cook et al.	..	362/26
5,768,900	A *	6/1998	Lee	.....	62/137

(Continued)

Primary Examiner — Mitchell Siegel

Related U.S. Application Data

- (63) Continuation of application No. 13/185,232, filed on Jul. 18, 2011, which is a continuation of application No. 11/421,831, filed on Jun. 2, 2006, now Pat. No. 7,980,089, which is a continuation of application No. 11/140,096, filed on May 27, 2005, now Pat. No. 7,340,914.
- (51) **LOC (9) Cl.** **15-07**
- (52) **U.S. Cl.**
USPC **D15/89**
- (58) **Field of Classification Search**
USPC D15/79-89, 91; 62/344, 340, 135, 66, 62/137
See application file for complete search history.

(57)

CLAIM

We claim the ornamental design for an in-door ice chute, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of an in-door ice chute of the present invention;
 FIG. 2 is a left side elevational view thereof;
 FIG. 3 is a right side elevational view thereof;
 FIG. 4 is a front elevational view thereof;
 FIG. 5 is a top plan view thereof; and,
 FIG. 6 is a bottom plan view thereof.

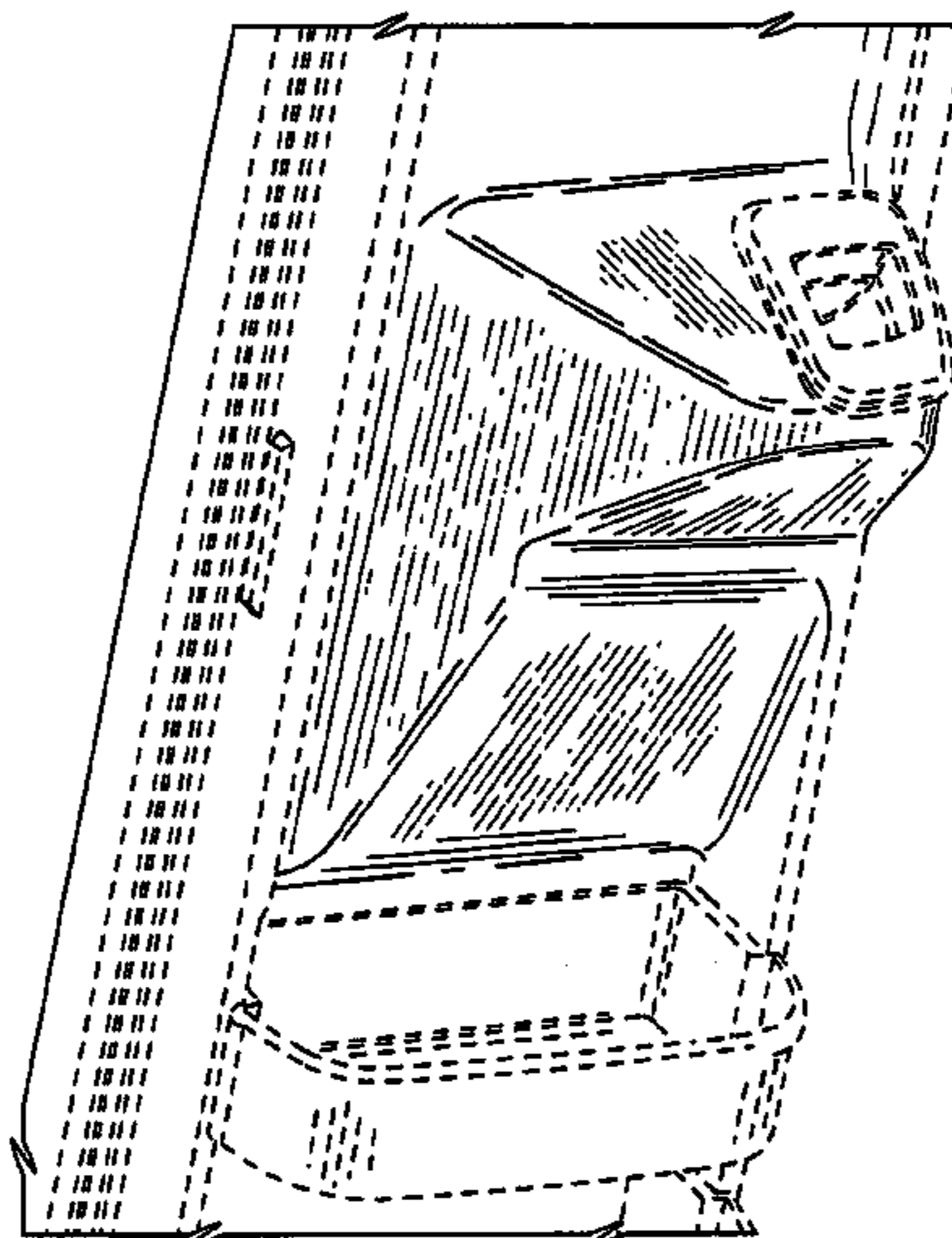
The broken line portions of the drawings are for illustrative purposes only and form no part of the claimed design.

1 Claim, 5 Drawing Sheets

(56) **References Cited**

U.S. PATENT DOCUMENTS

- 36,300 A * 8/1862 Hayden 474/232
- 2,689,669 A * 9/1954 Ericson 222/183



(56)

References Cited

U.S. PATENT DOCUMENTS

5,836,669	A *	11/1998	Hed	362/92	7,185,507	B2 *	3/2007	Maglinger et al.	62/344
5,941,619	A *	8/1999	Stieben et al.	312/223.6	7,194,868	B2 *	3/2007	Yoshida et al.	62/66
5,967,371	A *	10/1999	Stephen	222/108	7,219,509	B2 *	5/2007	Pastryk et al.	62/344
6,050,097	A *	4/2000	Nelson et al.	62/137	7,228,702	B2 *	6/2007	Maglinger et al.	62/344
6,095,673	A *	8/2000	Goto et al.	362/582	7,266,972	B2 *	9/2007	Anselmino et al.	62/344
6,533,003	B1 *	3/2003	Jacobus et al.	141/360	7,316,121	B2 *	1/2008	Lee et al.	62/344
6,679,082	B1 *	1/2004	Tunzi	62/344	7,340,914	B2 *	3/2008	Bowen et al.	62/389
6,726,341	B2 *	4/2004	Pashley et al.	362/92	7,418,830	B2 *	9/2008	Bowen et al.	62/344
6,735,959	B1 *	5/2004	Najewicz	62/3.63	7,418,831	B2 *	9/2008	Bowen et al.	62/344
6,789,634	B1 *	9/2004	Denton	175/371	D582,443	S *	12/2008	Kim et al.	D15/89
6,804,083	B2 *	10/2004	Takeya	360/122	7,587,910	B2 *	9/2009	Bowen et al.	62/389
6,804,974	B1 *	10/2004	Voglewede et al.	62/264	7,610,774	B2 *	11/2009	Anderson et al.	62/440
6,836,083	B2 *	12/2004	Mukai	315/317	7,617,698	B2 *	11/2009	Bowen et al.	62/264
6,895,767	B2 *	5/2005	Hu	62/135	7,703,297	B2 *	4/2010	Bowen et al.	62/344
6,964,177	B2 *	11/2005	Lee et al.	62/320	7,980,089	B2 *	7/2011	Bowen et al.	62/344
6,978,626	B2 *	12/2005	Kim et al.	62/74	8,011,202	B2 *	9/2011	Kim et al.	62/344
7,059,693	B2 *	6/2006	Park	312/405.1	D672,376	S *	12/2012	Ringemann et al.	D15/89
7,065,975	B1 *	6/2006	Herndon et al.	62/66	2004/0237565	A1 *	12/2004	Lee et al.	62/344
7,076,967	B2 *	7/2006	Lee et al.	62/353	2005/0036300	A1 *	2/2005	Dowling et al.	362/101
7,100,379	B2 *	9/2006	Son et al.	62/74	2005/0056043	A1 *	3/2005	Lee et al.	62/344
7,137,272	B2 *	11/2006	Park et al.	62/389	2005/0268638	A1 *	12/2005	Voglewede et al.	62/389
					2006/0090496	A1 *	5/2006	Adamski et al.	62/344
					2011/0271706	A1 *	11/2011	Bowen et al.	62/344

* cited by examiner

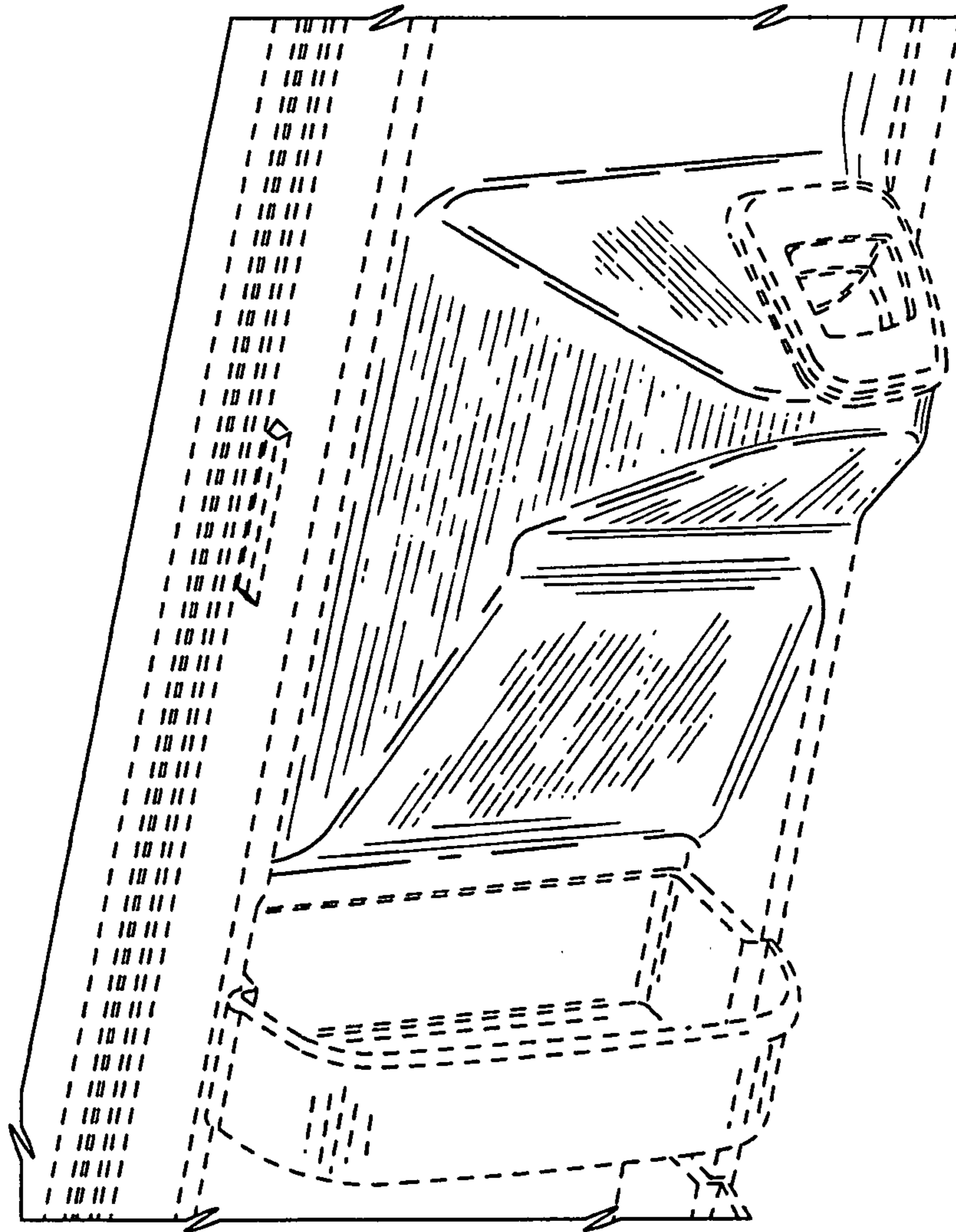


FIG. 1

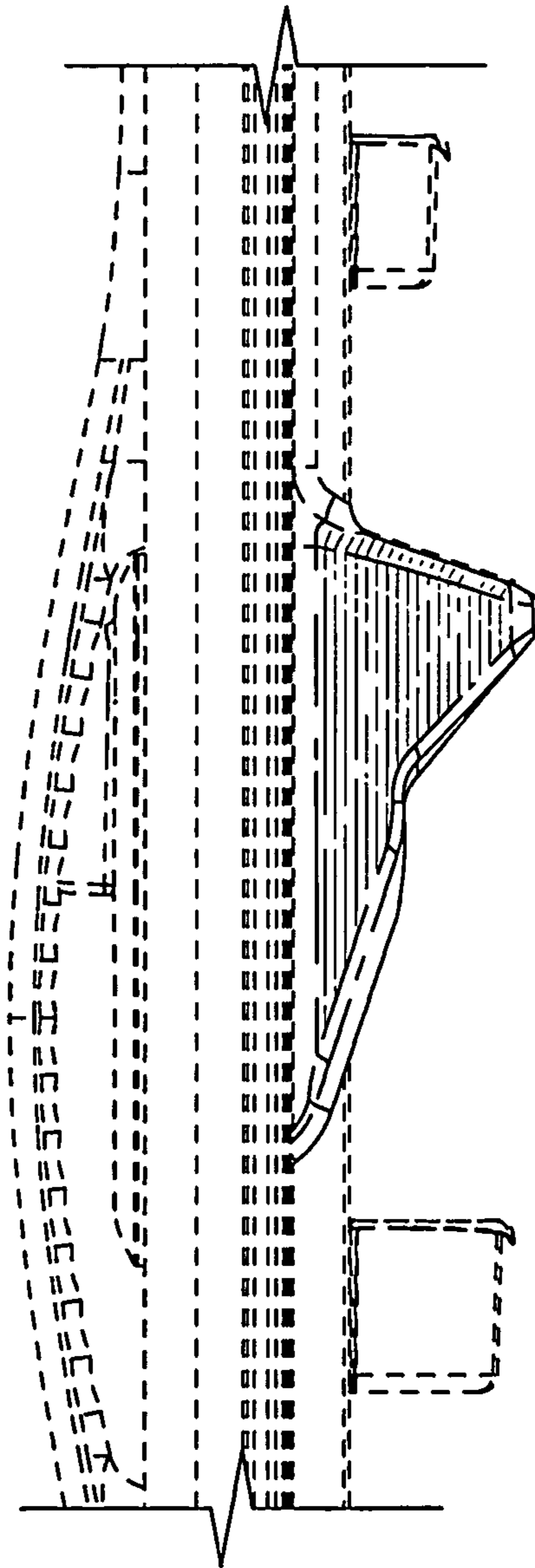


FIG. 2

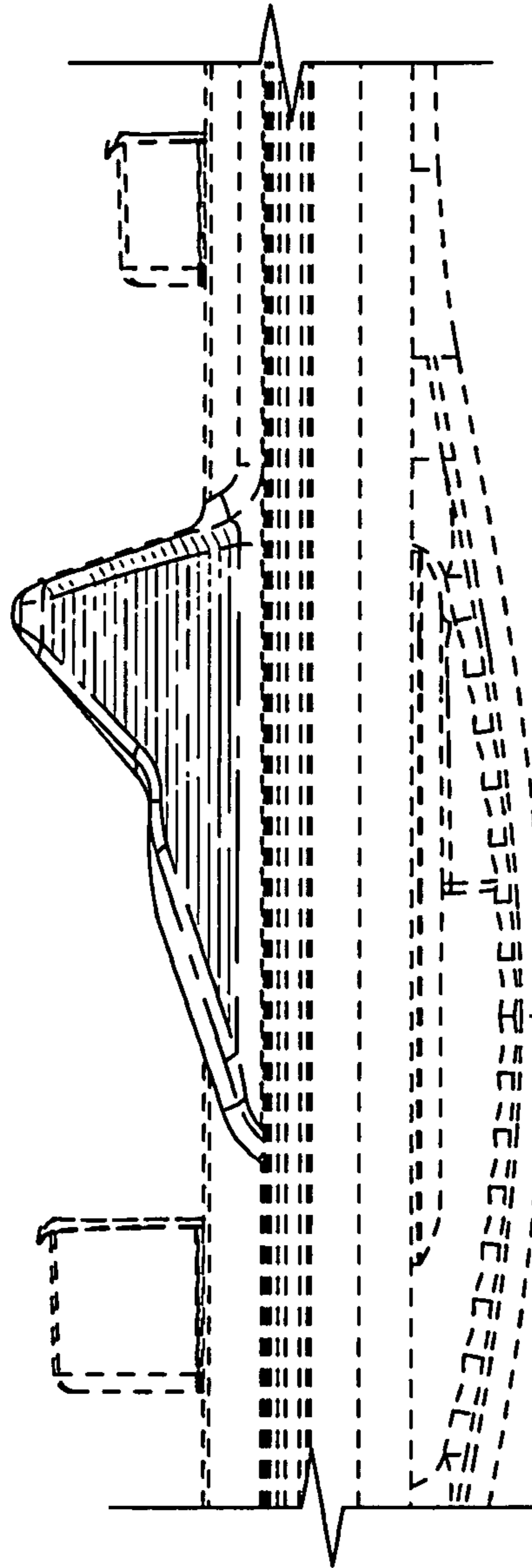


FIG. 3

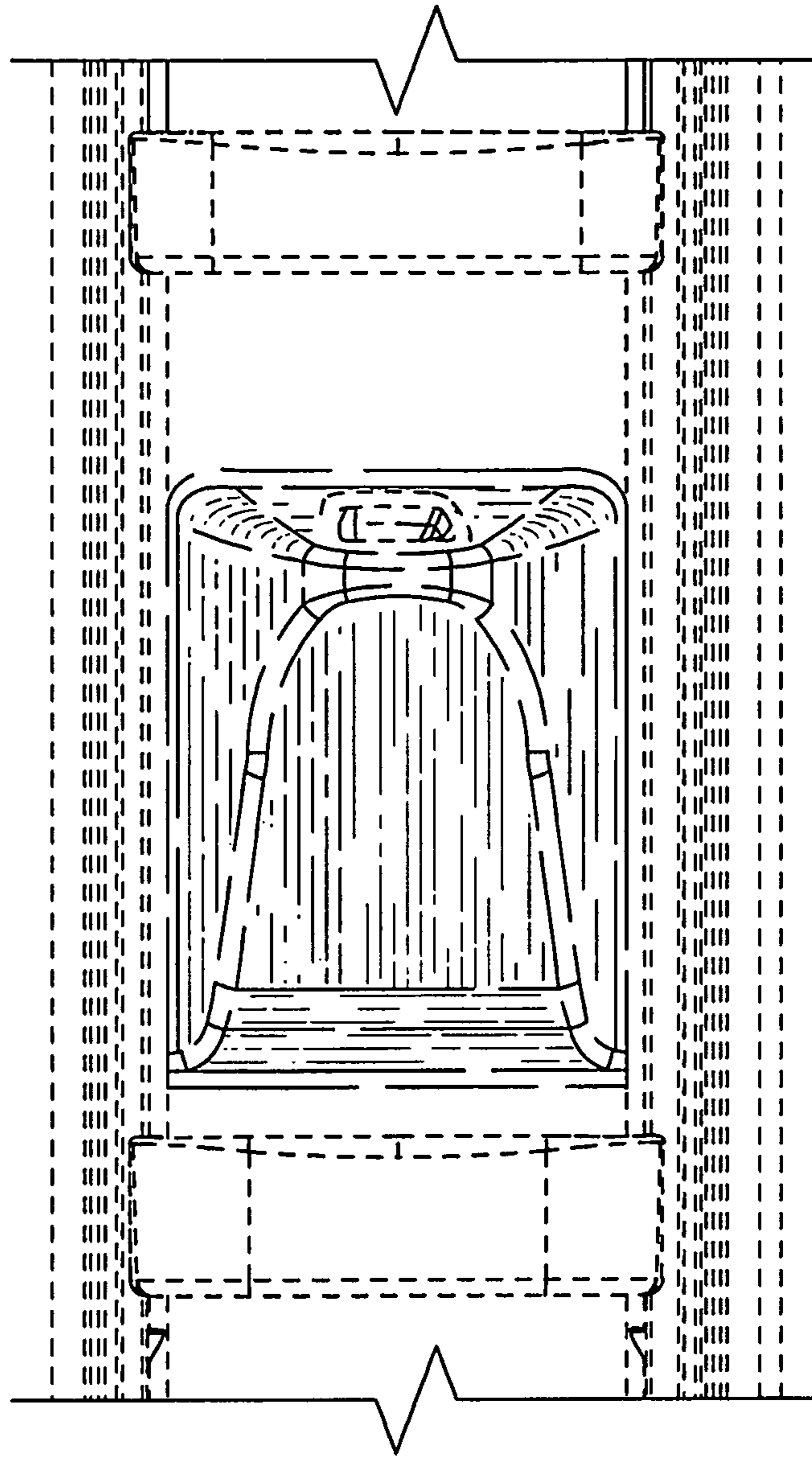


FIG. 4

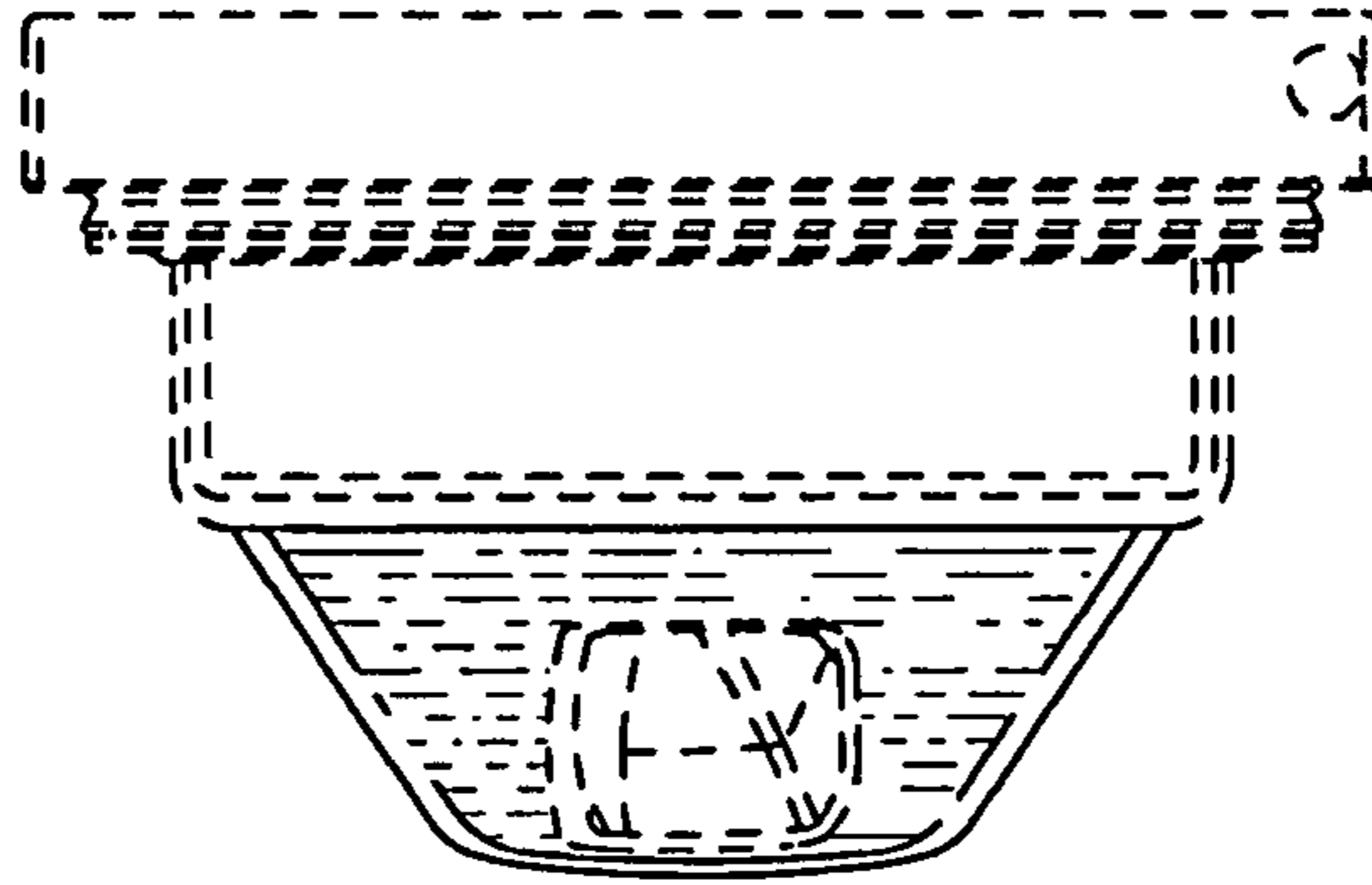


FIG. 5

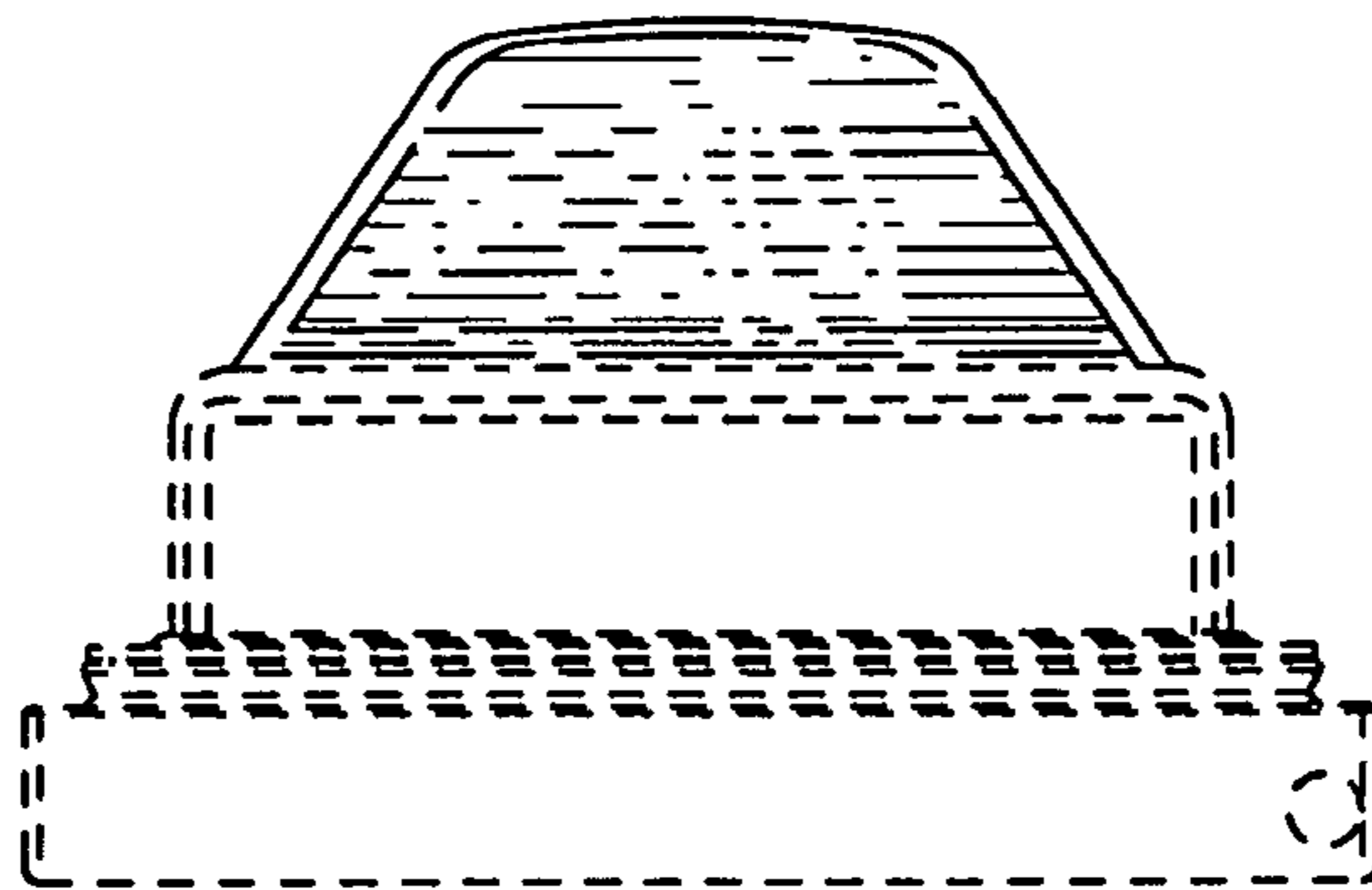


FIG. 6