



US00D697094S

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

(10) **Patent No.:** **US D697,094 S**
(45) **Date of Patent:** **** Jan. 7, 2014**

(54) **IN-DOOR ICE CHUTE**

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

(21) Appl. No.: **29/442,527**

(22) Filed: **Mar. 15, 2013**

Related U.S. Application Data

(63) Continuation of application No. 11/421,800, filed on Jun. 2, 2006, which is a continuation of application No. 11/139,237, filed on May 27, 2005, now Pat. No. 7,337,620, which is a continuation-in-part of application No. 11/131,701, filed on May 18, 2005, now Pat. No. 7,284,390.

(51) **LOC (10) 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.

(56) **References Cited**

U.S. PATENT DOCUMENTS

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

(Continued)

Primary Examiner — Mitchell Siegel

(57) **CLAIM**

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

DESCRIPTION

FIG. 1 is a front elevational view of an in-door ice chute of the present invention;

FIG. 2 is a left side elevational view thereof;

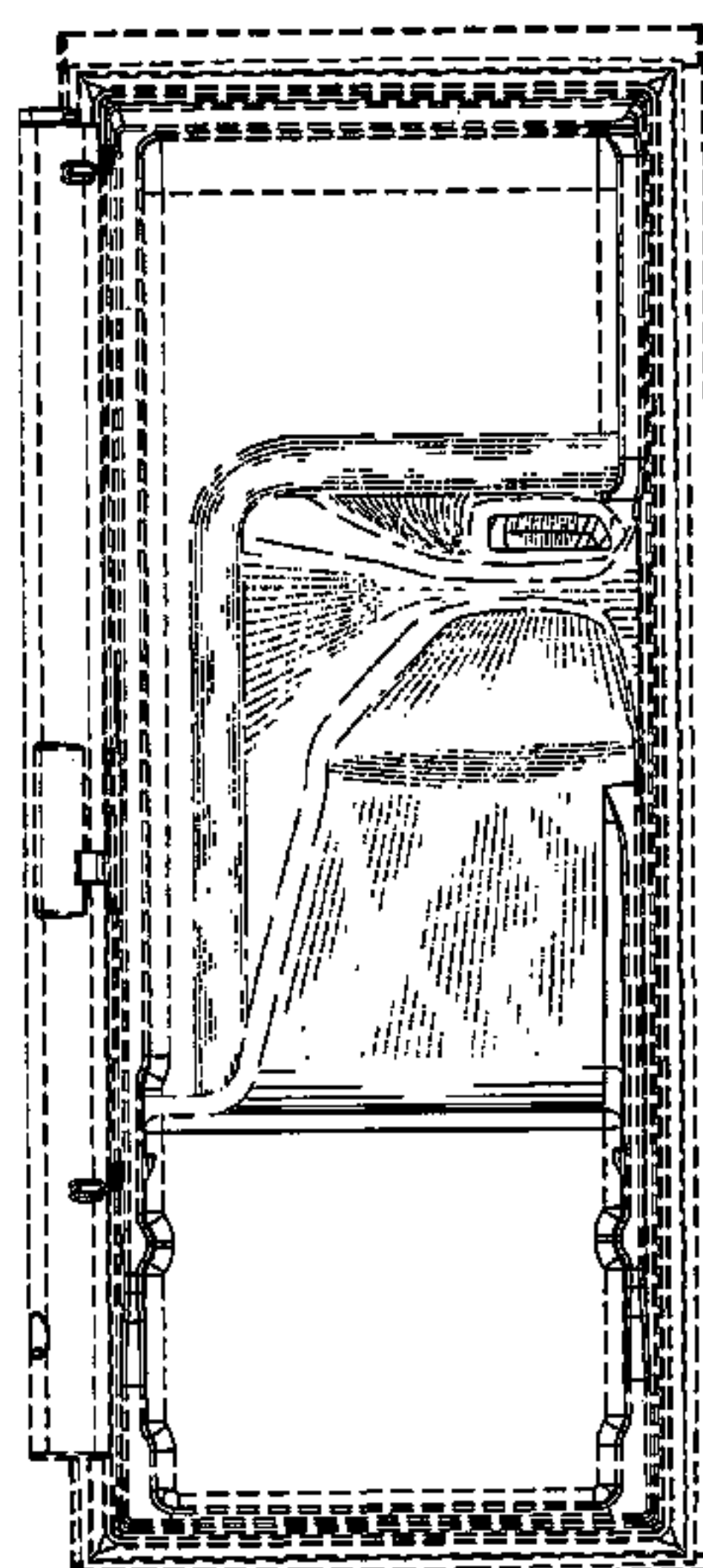
FIG. 3 is a right side elevational view thereof;

FIG. 4 is a top plan view thereof; and,

FIG. 5 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, 4 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

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
5,836,669 A * 11/1998 Hed 362/92
5,941,619 A * 8/1999 Stieben et al. 312/223.6
5,967,371 A * 10/1999 Stephen 222/108
6,050,097 A * 4/2000 Nelson et al. 62/137
6,095,673 A * 8/2000 Goto et al. 362/582
6,533,003 B1 * 3/2003 Jacobus et al. 141/360
6,679,082 B1 * 1/2004 Tunzi 62/344
6,726,341 B2 * 4/2004 Pashley et al. 362/92
6,735,959 B1 * 5/2004 Najewicz 62/3.63
6,789,634 B1 * 9/2004 Denton 175/371
6,804,083 B2 * 10/2004 Takeya 360/122
6,804,974 B1 * 10/2004 Voglewede et al. 62/264
6,836,083 B2 * 12/2004 Mukai 315/317
6,895,767 B2 * 5/2005 Hu 62/135
6,964,177 B2 * 11/2005 Lee et al. 62/320

6,978,626 B2 * 12/2005 Kim et al. 62/74
7,059,693 B2 * 6/2006 Park 312/405.1
7,065,975 B1 * 6/2006 Herndon et al. 62/66
7,076,967 B2 * 7/2006 Lee et al. 62/353
7,100,379 B2 * 9/2006 Son et al. 62/74
7,137,272 B2 * 11/2006 Park et al. 62/389
7,185,507 B2 * 3/2007 Maglinger et al. 62/344
7,194,868 B2 * 3/2007 Yoshida et al. 62/66
7,219,509 B2 * 5/2007 Pastryk et al. 62/344
7,228,702 B2 * 6/2007 Maglinger et al. 62/344
7,266,972 B2 * 9/2007 Anselmino et al. 62/344
7,316,121 B2 * 1/2008 Lee et al. 62/344
7,340,914 B2 * 3/2008 Bowen et al. 62/389
7,418,830 B2 * 9/2008 Bowen et al. 62/344
7,418,831 B2 * 9/2008 Bowen et al. 62/344
D582,443 S * 12/2008 Kim et al. D15/89
7,587,910 B2 * 9/2009 Bowen et al. 62/389
7,610,774 B2 * 11/2009 Anderson et al. 62/440
7,617,698 B2 * 11/2009 Bowen et al. 62/264
7,703,297 B2 * 4/2010 Bowen et al. 62/344
7,980,089 B2 * 7/2011 Bowen et al. 62/344
8,011,202 B2 * 9/2011 Kim et al. 62/344
D672,376 S * 12/2012 Ringemann et al. D15/89
2004/0237565 A1 * 12/2004 Lee et al. 62/344
2005/0036300 A1 * 2/2005 Dowling et al. 362/101
2005/0056043 A1 * 3/2005 Lee et al. 62/344
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

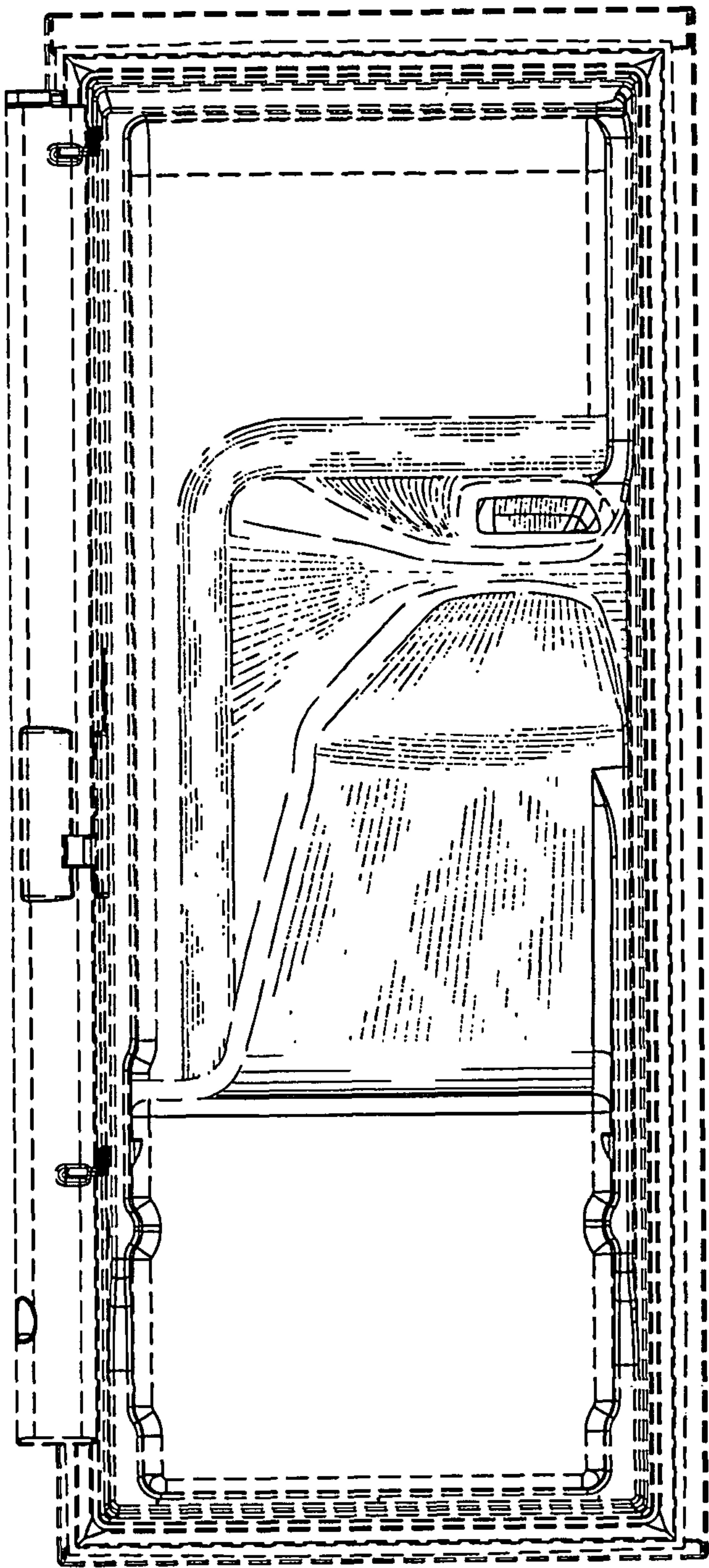


FIG. 1

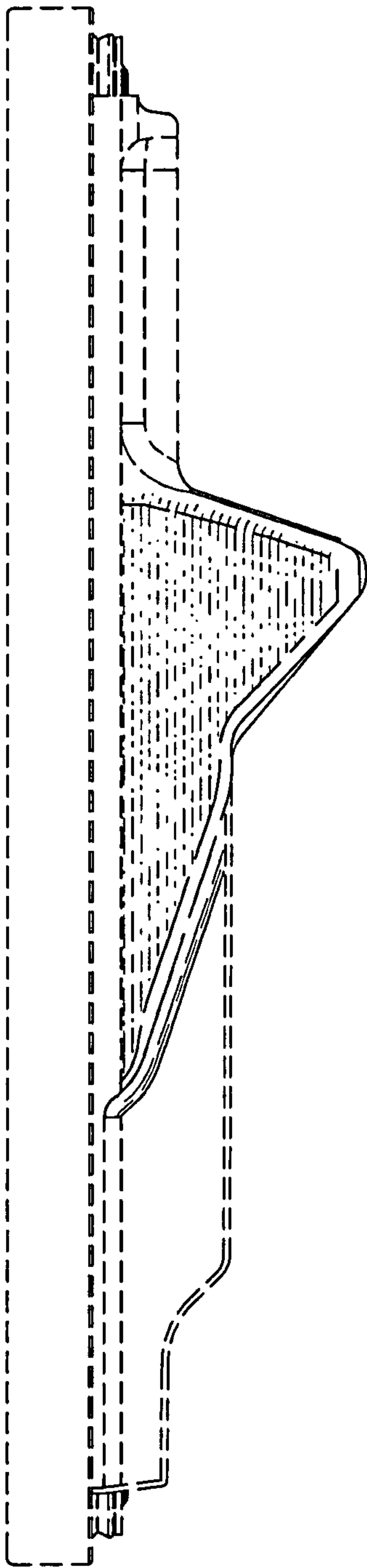


FIG. 2

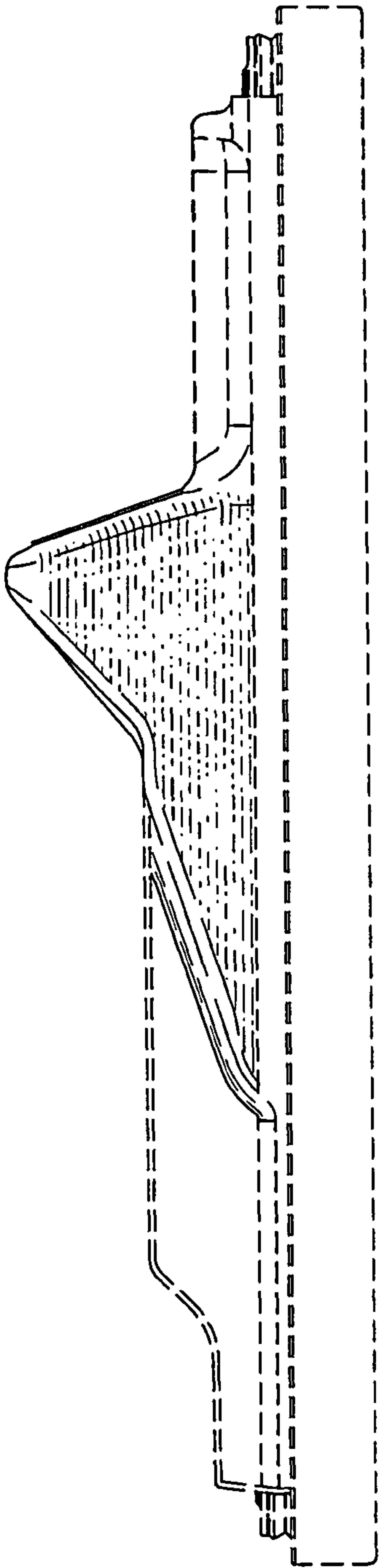


FIG. 3

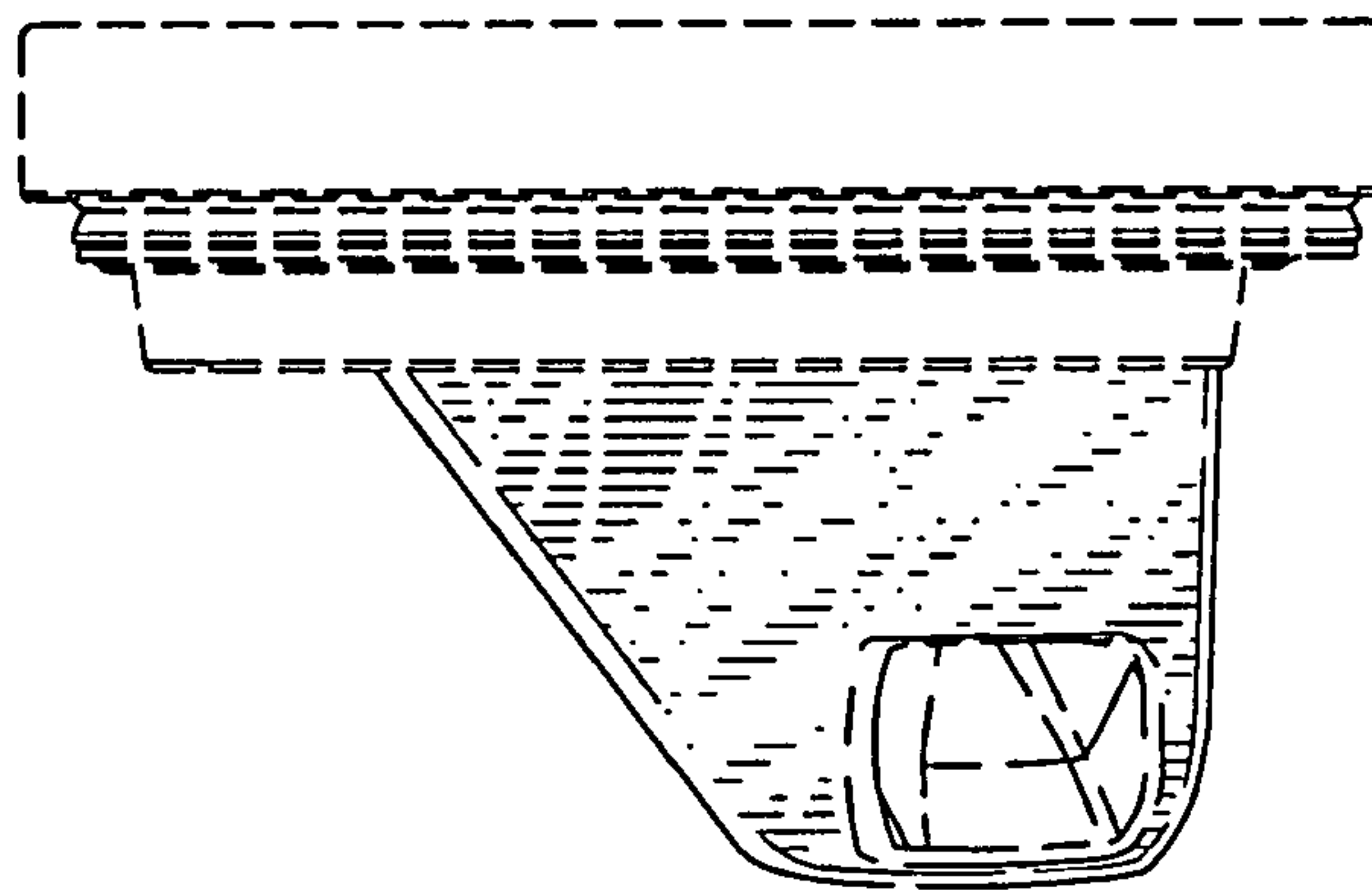


FIG. 4

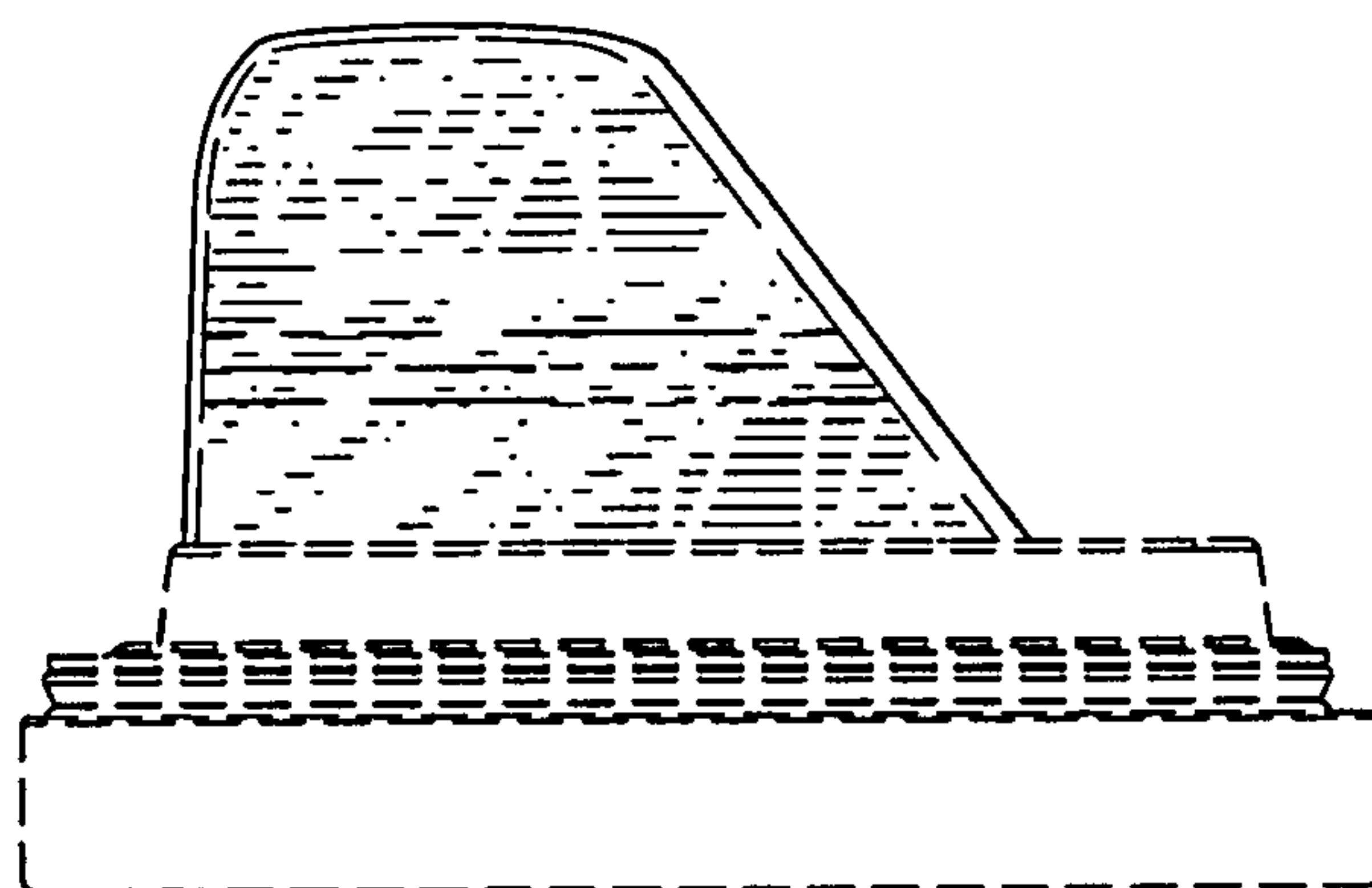


FIG. 5