



US00D657105S

(12) **United States Design Patent**
Martheenal

(10) **Patent No.:** **US D657,105 S**
(45) **Date of Patent:** **** Apr. 3, 2012**

- (54) **RESIDENTIAL RECYCLING BIN**
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- (73) Assignee: **Orbis Canada Limited**, Toronto, Ontario (CA)

- 4,161,252 A 7/1979 Howells
- 4,205,749 A 6/1980 Carroll et al.
- 4,352,888 A 10/1982 Tisbo et al.
- D269,046 S 5/1983 Faul
- 4,753,367 A 6/1988 Miller et al.

(Continued)

- (**) Term: **14 Years**
- (21) Appl. No.: **29/394,391**
- (22) Filed: **Jun. 16, 2011**

FOREIGN PATENT DOCUMENTS

- CA 2077183 C 1/1996
- (Continued)

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Related U.S. Application Data

- (63) Continuation of application No. 12/130,324, filed on May 30, 2009, now Pat. No. 8,025,174.
 - (51) **LOC (9) Cl.** **09-09**
 - (52) **U.S. Cl.** **D34/1**
 - (58) **Field of Classification Search** D34/1-11; D3/273, 294; D9/420, 423, 425; 206/512, 206/511, 510, 509, 567, 557, 505; 220/495.11, 220/495.08, 495.06, 908.1, 908
- See application file for complete search history.

(57) **CLAIM**

We claim the ornamental design for a residential recycling bin, as shown and described.

DESCRIPTION

FIG. 1 is a front perspective view of a residential recycling bin of the present invention;
 FIG. 2 is a rear perspective view of the residential recycling bin of FIG. 1
 FIG. 3 is a front view of the residential recycling bin of FIG. 1;
 FIG. 4 is a rear view of the residential recycling bin of FIG. 1;
 FIG. 5 is a side view of the residential recycling bin of FIG. 1;
 FIG. 6 is an opposite side view of the residential recycling bin of FIG. 1;
 FIG. 7 is a top view of the residential recycling bin of FIG. 1;
 and,
 FIG. 8 is a bottom view of the residential recycling bin of FIG. 1.

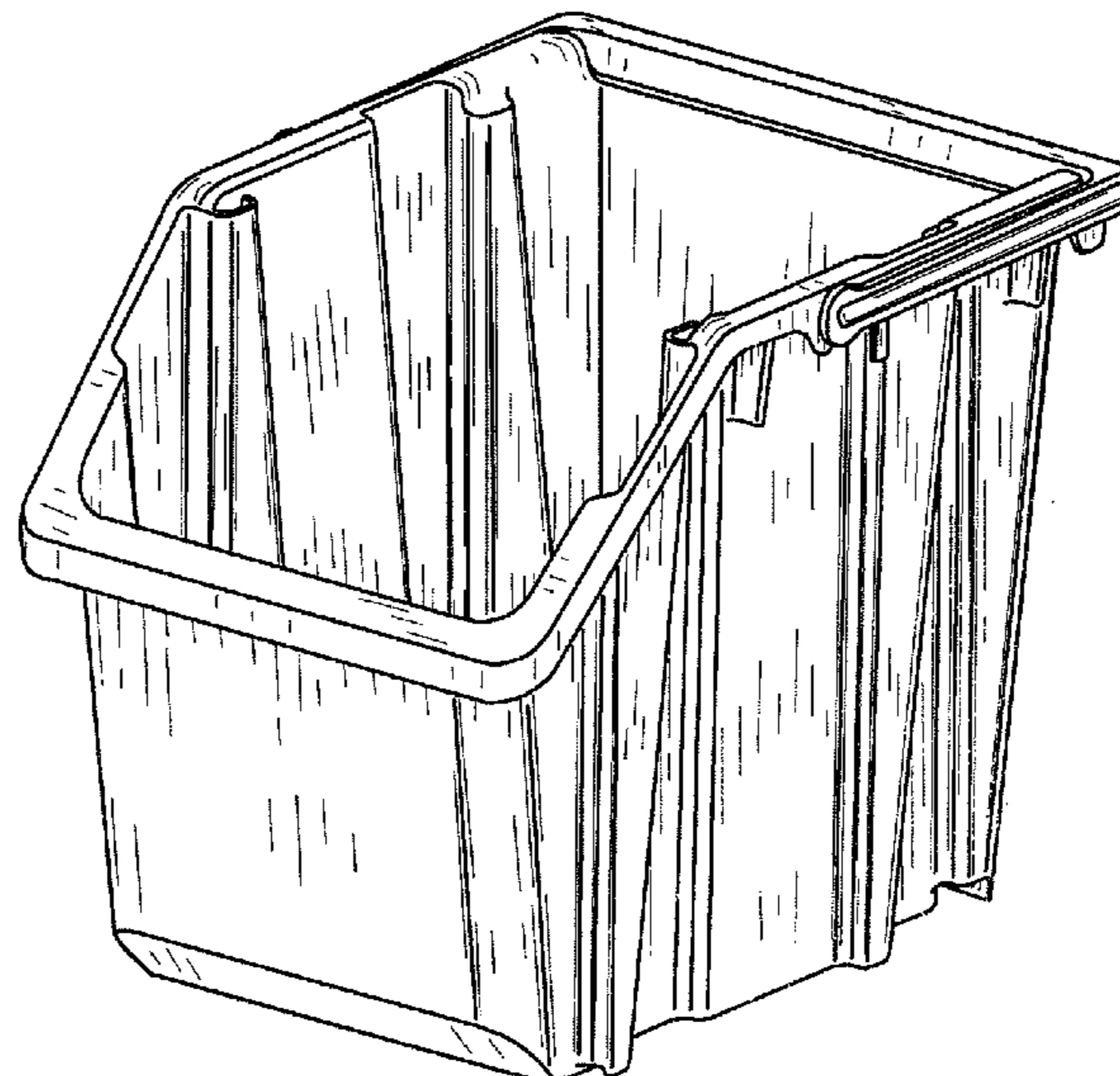
The broken lines shown in the figures are included for the purpose of illustrating portions of the bin and form no part of the claimed design.

(56) **References Cited**

U.S. PATENT DOCUMENTS

- 1,286,021 A 11/1918 Kim
- 1,521,108 A 12/1924 Killion
- 2,724,968 A 11/1955 Greene
- 3,113,680 A 12/1963 Frater
- 3,347,394 A 10/1967 Gould
- 3,534,866 A 10/1970 Asenbauer
- 3,708,085 A 1/1973 Bumpas
- 3,756,451 A 9/1973 Popeil
- 3,825,150 A 7/1974 Taylor
- 3,916,456 A 11/1975 Persson
- D242,659 S * 12/1976 Clipson et al. D3/307
- 4,003,611 A 1/1977 Smith
- 4,027,774 A 6/1977 Cote
- 4,105,412 A 8/1978 Petzinger
- 4,153,176 A 5/1979 Carson

1 Claim, 4 Drawing Sheets



US D657,105 S

U.S. PATENT DOCUMENTS

4,867,339 A	9/1989	Hahn	5,899,468 A	5/1999	Apps et al.	
4,867,340 A	9/1989	Byers	D416,367 S	11/1999	Dickinson et al.	
4,946,065 A	8/1990	Goulter et al.	D429,398 S	8/2000	Wysocki	
4,984,561 A	1/1991	Warrington	6,276,557 B1	8/2001	Wysocki	
5,035,563 A	7/1991	Mezey	6,471,221 B1	10/2002	McGarry	
D319,904 S	9/1991	Cozzi et al.	D469,235 S	1/2003	Calmeise et al.	
5,056,979 A	10/1991	Niederer et al.	D478,197 S	8/2003	Raghunathan	
5,071,008 A	12/1991	Hradisky	D491,328 S	6/2004	Aiken et al.	
5,088,750 A	2/1992	Beese et al.	6,827,357 B2	12/2004	Calmeise	
D324,595 S	3/1992	Beese et al.	D515,313 S	2/2006	Uffner et al.	
5,104,198 A	4/1992	Prout et al.	7,017,773 B2	3/2006	Gruber et al.	
5,104,200 A	4/1992	Prout et al.	7,114,631 B2	10/2006	Aiken	
5,160,063 A	11/1992	Bailey	7,121,564 B2	10/2006	Hassell	
5,163,805 A	11/1992	Mezey	D532,173 S	11/2006	Aiken et al.	
5,169,012 A	12/1992	Labrie	D535,448 S	1/2007	Kilduff et al.	
5,183,180 A	2/1993	Hawkins et al.	7,172,088 B2	2/2007	McDade et al.	
5,184,836 A	2/1993	Andrews, Jr.	7,287,665 B2	10/2007	Meissen et al.	
5,205,698 A	4/1993	Mezey	8,025,174 B2 *	9/2011	Martheenal 220/495.11	
5,303,841 A	4/1994	Mezey	2007/0062960 A1	3/2007	Splain et al.	
5,339,974 A	8/1994	Raghunathan	2008/0006638 A1	1/2008	Yang et al.	
D355,741 S	2/1995	Craft et al.	2008/0121547 A1	5/2008	Dur et al.	
5,445,397 A	8/1995	Evans	2009/0179444 A1	7/2009	Apps et al.	
D365,428 S	12/1995	Prout et al.	2009/0294451 A1	12/2009	Martheenal et al.	
5,538,158 A	7/1996	Prout et al.	2010/0037565 A1	2/2010	Meissen	
5,547,104 A	8/1996	Parker	2010/0108675 A1	5/2010	Meissen et al.	
D374,530 S	10/1996	Prout et al.	2011/0024430 A1	2/2011	Meissen et al.	
5,582,322 A	12/1996	Prout et al.	2011/0036854 A1	2/2011	Baltz	
5,585,419 A	12/1996	Prout et al.				
5,645,186 A	7/1997	Powers et al.				
D388,577 S	12/1997	Rehrig et al.				
D398,120 S	9/1998	Rehrig et al.				
5,816,591 A	10/1998	Parker et al.				
5,881,901 A	3/1999	Hampton				

FOREIGN PATENT DOCUMENTS

CA	2667676 A1	11/2009
EP	1760011 A2	3/2007
GB	2198410 A	6/1988

* cited by examiner

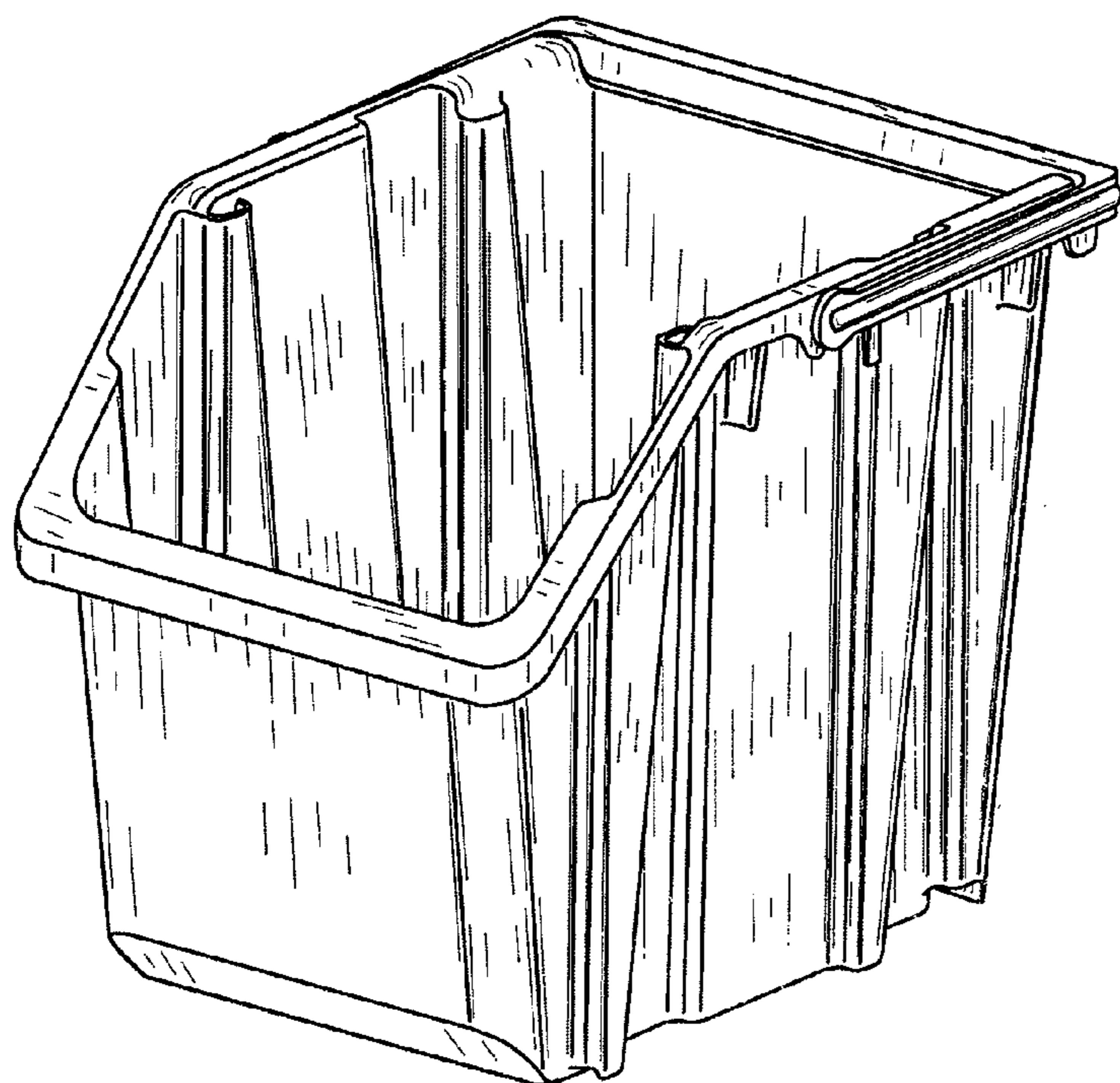


FIG. 1

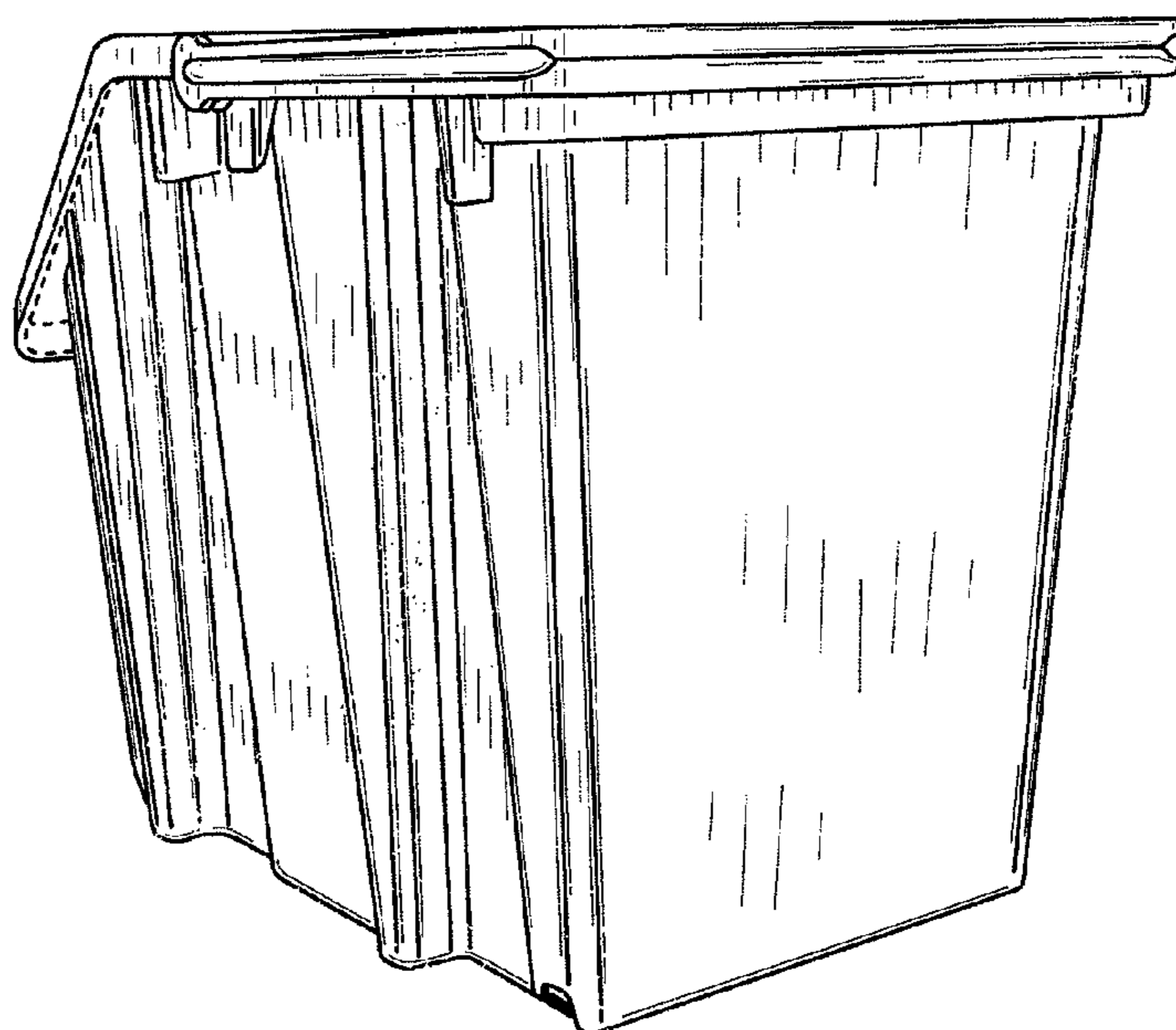


FIG. 2

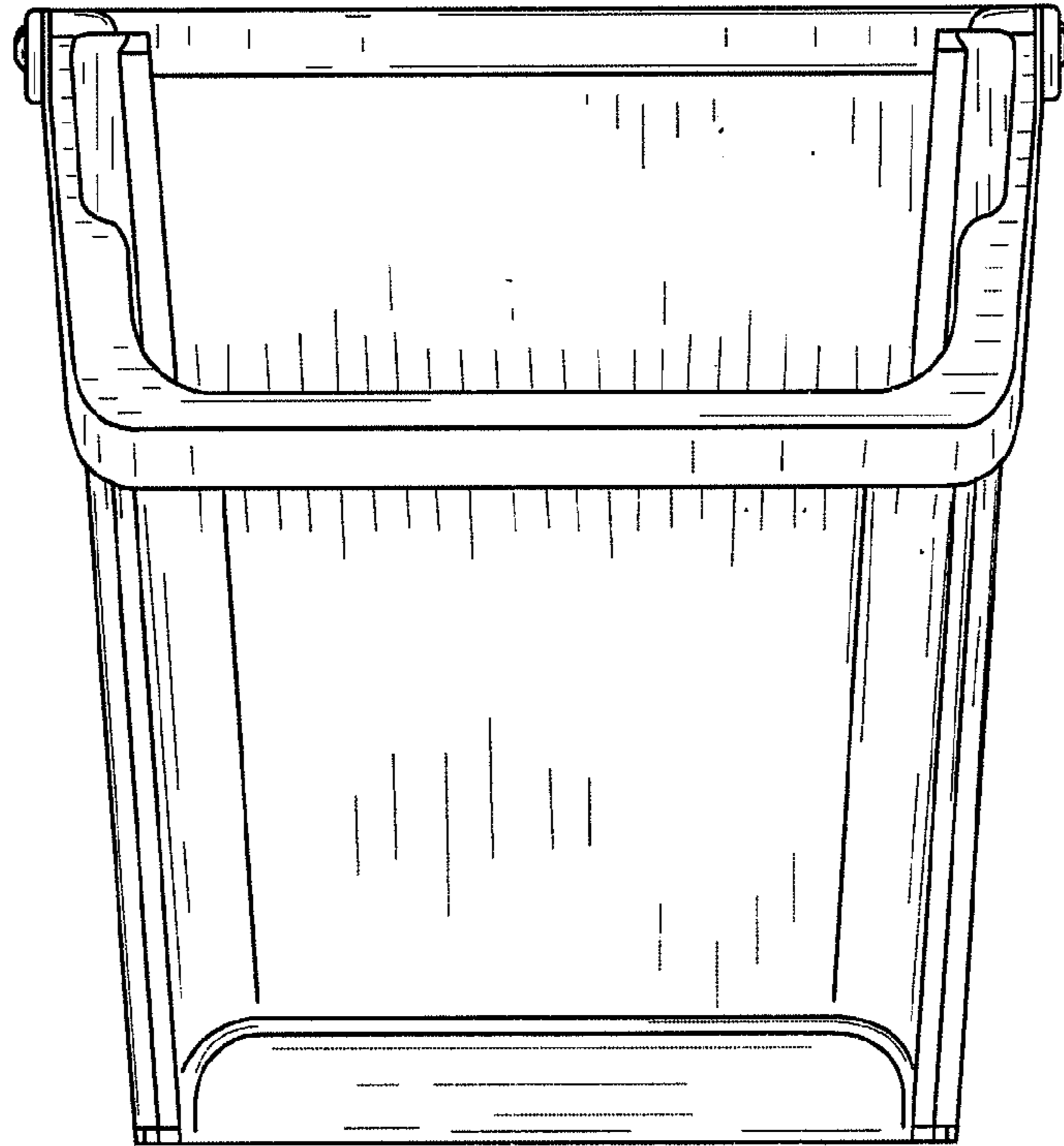


FIG. 3

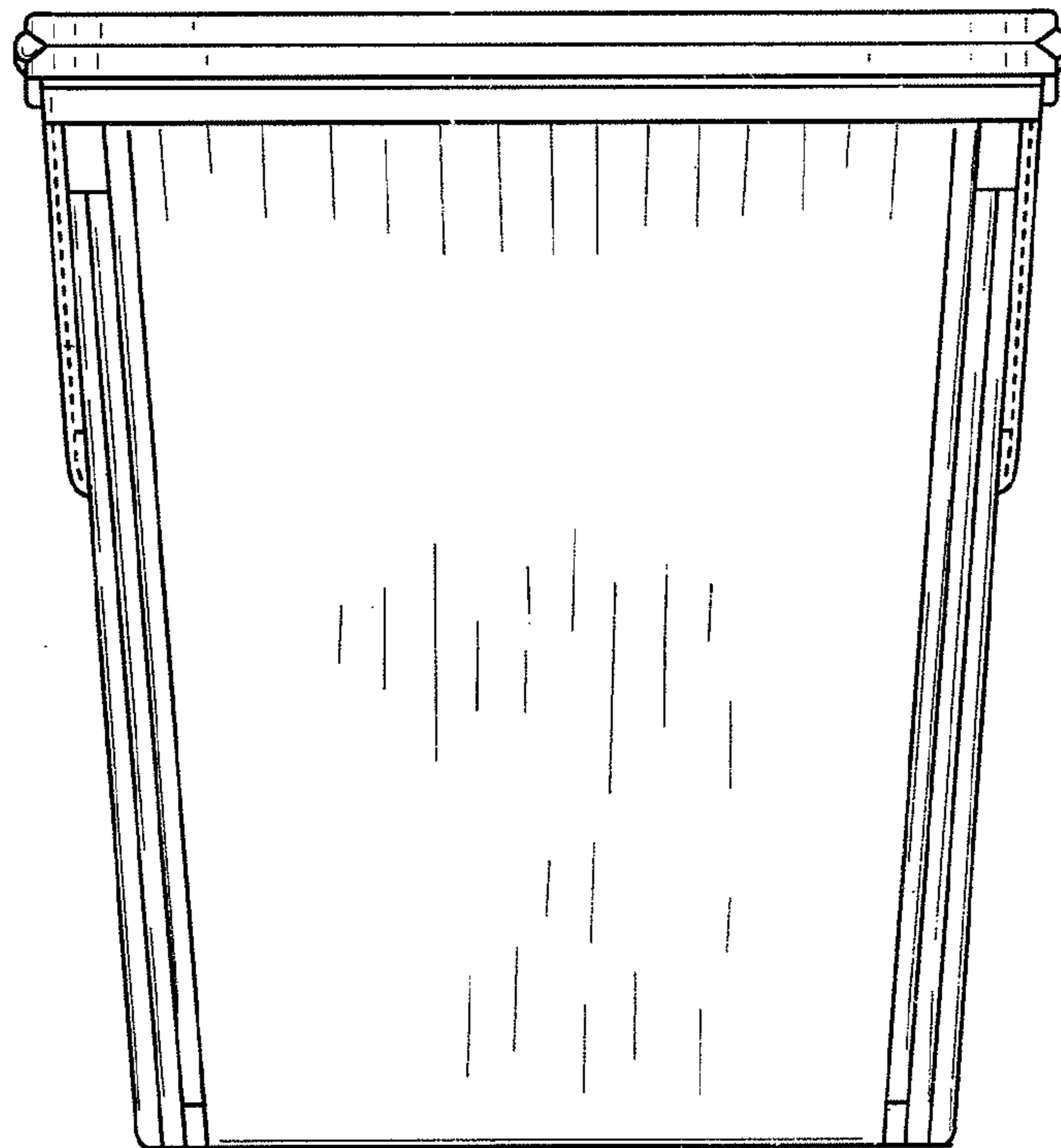


FIG. 4

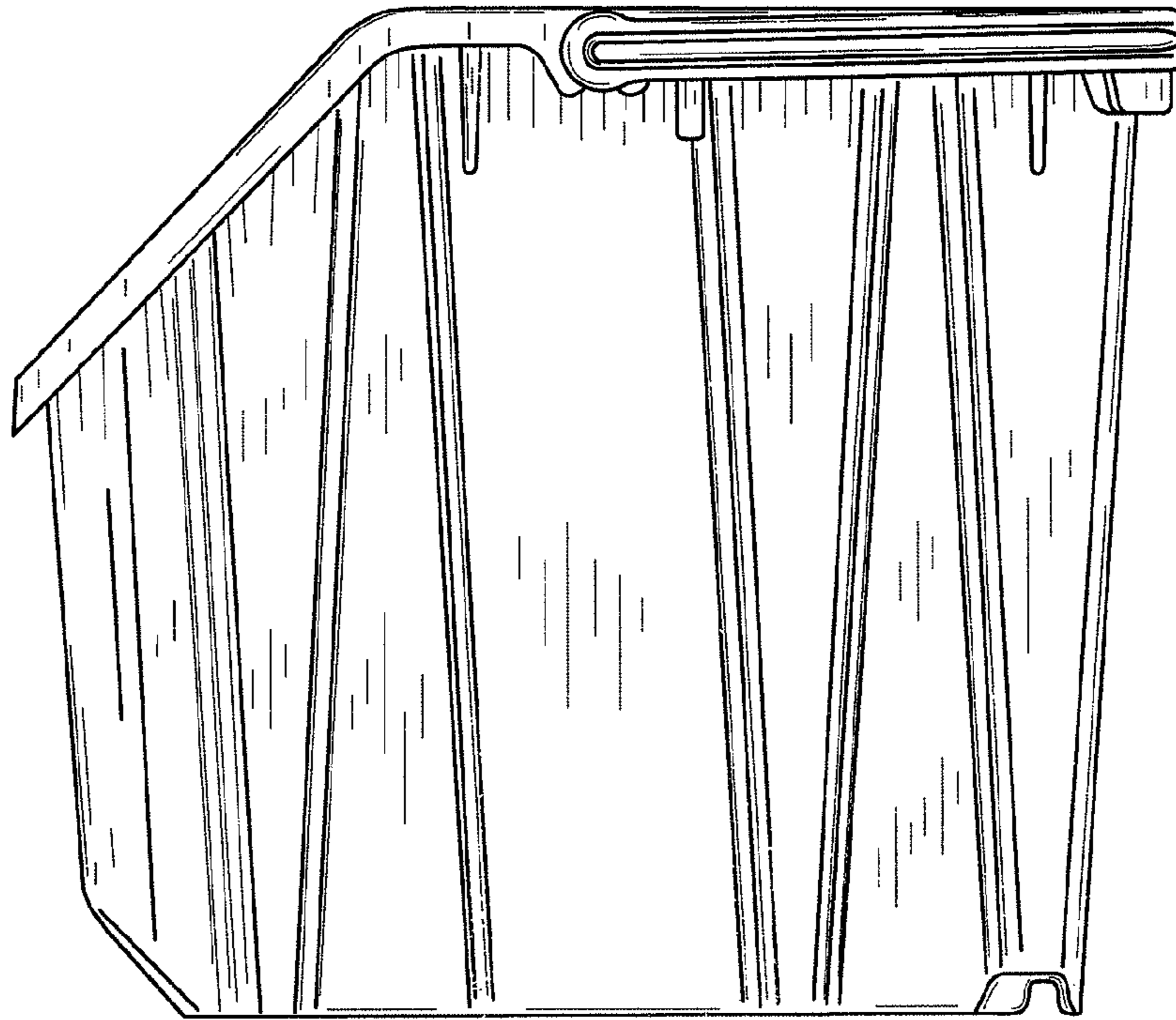


FIG. 5

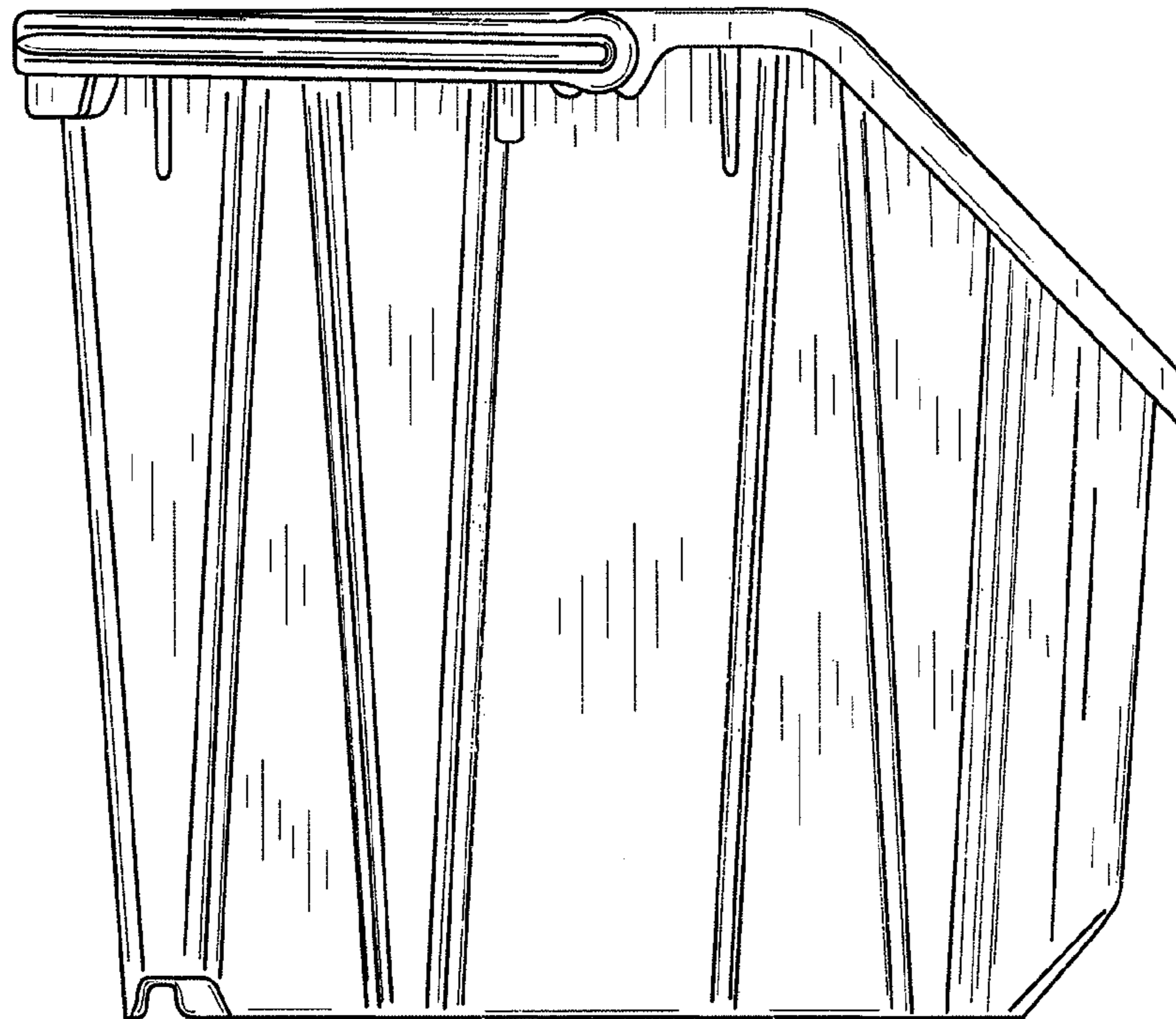


FIG. 6

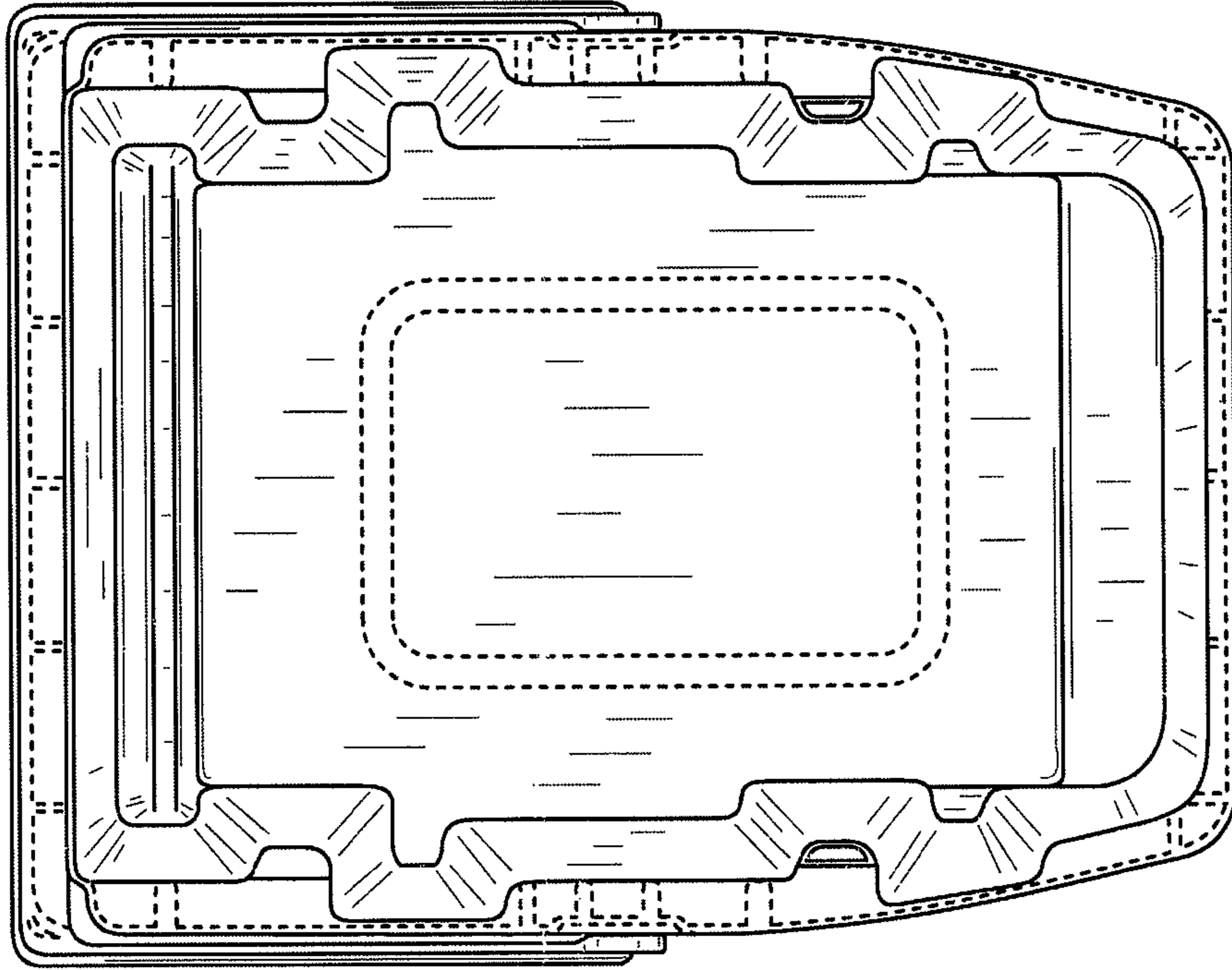


FIG. 8

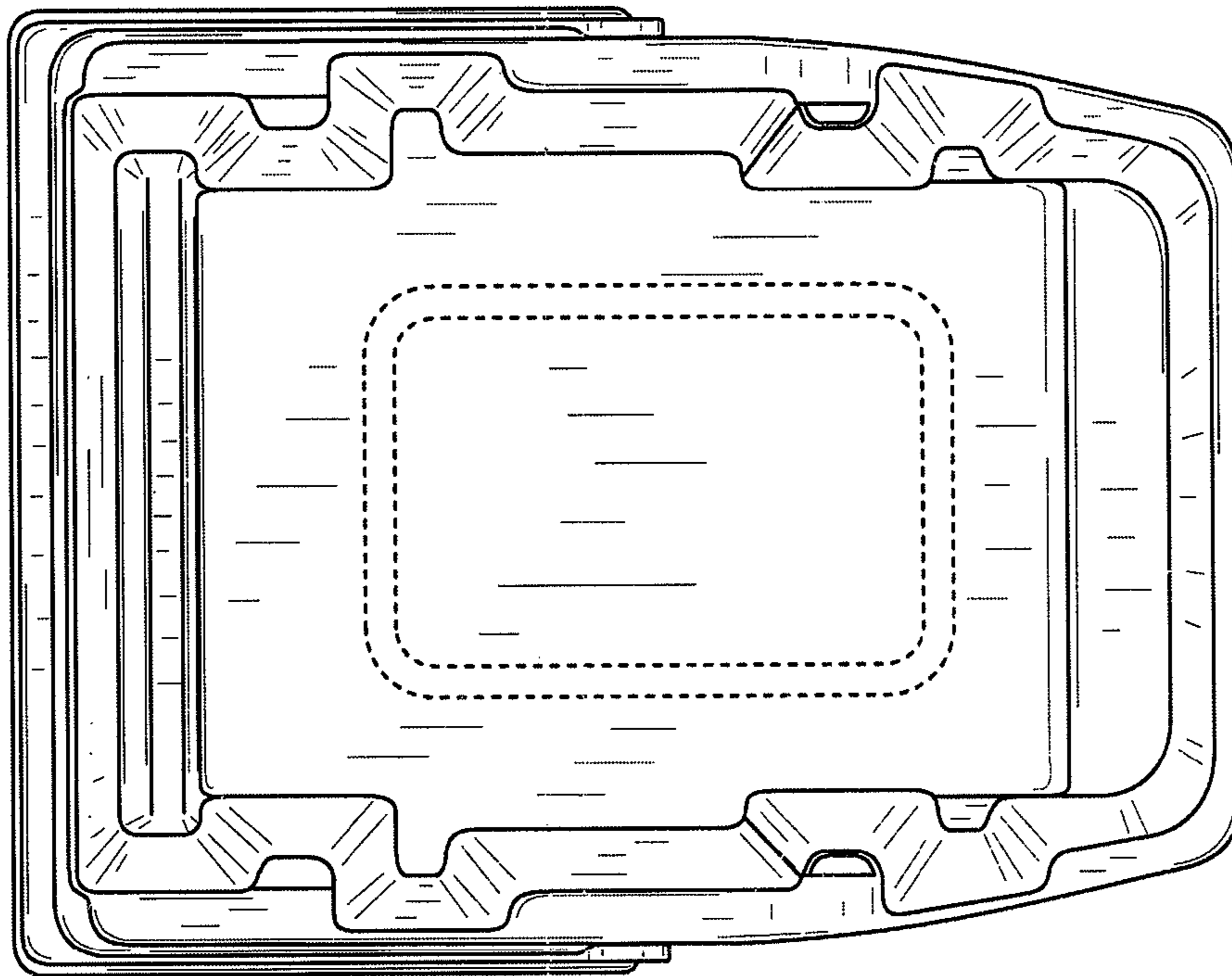


FIG. 7