



US00D355110S

United States Patent [19]

[11] Patent Number: **Des. 355,110**

Olson et al.

[45] Date of Patent: **** Feb. 7, 1995**

[54] **WIRE MANAGEMENT GROMMET**

[75] Inventors: **Ogden R. Olson, Muscatine; Clayton C. Schmidt, Wilton, both of Iowa**

[73] Assignee: **Hon Industries Inc., Muscatine, Iowa**

[**] Term: **14 Years**

[21] Appl. No.: **927,943**

[22] Filed: **Aug. 10, 1992**

[52] U.S. Cl. **D8/356**

[58] Field of Search **D8/356; 174/153 G; 16/2; 248/56**

4,627,364	12/1986	Klein et al. .	
4,654,756	3/1987	Wilson et al. .	
4,730,363	3/1988	Asbaghi	248/56
4,734,826	3/1988	Wilson et al. .	
4,762,072	8/1988	Boundy .	

(List continued on next page.)

FOREIGN PATENT DOCUMENTS

2130877 6/1984 United Kingdom .

Primary Examiner—Wallace R. Burke

Assistant Examiner—H. Baynham

Attorney, Agent, or Firm—Jones, Day, Reavis & Pogue

[56] **References Cited**

U.S. PATENT DOCUMENTS

D. 285,044	8/1986	Mockett	D8/354
D. 296,761	7/1988	Mockett	D8/356
D. 301,433	6/1989	Krauss	D8/356
D. 308,011	5/1990	Norris	D8/356
D. 313,340	1/1991	Stathis	D8/356
945,753	1/1910	Chamberlain et al. .	
1,786,823	12/1930	Carrington et al. .	
3,135,535	6/1964	Shepard .	
3,598,900	8/1971	Drake .	
3,635,174	1/1972	Ball et al. .	
3,783,175	1/1974	Timmons .	
3,802,146	4/1974	Tacke et al. .	
3,852,927	12/1974	Birum, Jr. .	
3,857,136	12/1974	Dean .	
3,873,758	3/1975	VanGessel et al. .	
3,883,196	5/1975	Mohr et al. .	
3,883,202	5/1975	Konig .	
3,890,023	6/1975	Mohr et al. .	
4,053,701	10/1977	Ogilvie et al. .	
4,066,305	1/1978	Gazarek .	
4,094,256	6/1978	Holper et al. .	
4,125,238	11/1978	Tanaka .	
4,163,867	8/1979	Breidenbach .	
4,296,579	10/1981	Proud .	
4,296,981	10/1981	Hildenbrandt et al. .	
4,323,291	4/1982	Ball .	
4,372,629	2/1983	Prospst et al. .	
4,406,101	12/1983	Heidmann .	
4,422,385	12/1983	Rutsche et al. .	
4,520,976	6/1985	Cournoyer	248/56
4,535,703	8/1985	Henriott et al. .	
4,566,241	1/1986	Schneller .	
4,581,869	4/1986	Reuter .	

[57] **CLAIM**

The ornamental design for a wire management grommet, as shown and described.

DESCRIPTION

FIG. 1 is an isometric view of a wire management grommet showing our new design in the closed position;

FIG. 2 is a top plan view thereof;

FIG. 3 is a side view thereof in the closed position, the opposing side being a mirror image;

FIG. 4 is an end view thereof in the closed position;

FIG. 5 is an end view of the opposing end thereof in the closed position;

FIG. 6 is an end view of a wire management grommet showing another embodiment of our new design the side view and the end view thereof having the same images as depicted in FIGS. 3 and 4, respectively;

FIG. 7 is an isometric view of the first embodiment in an opened position;

FIG. 8 is an isometric view of the second embodiment in a closed position;

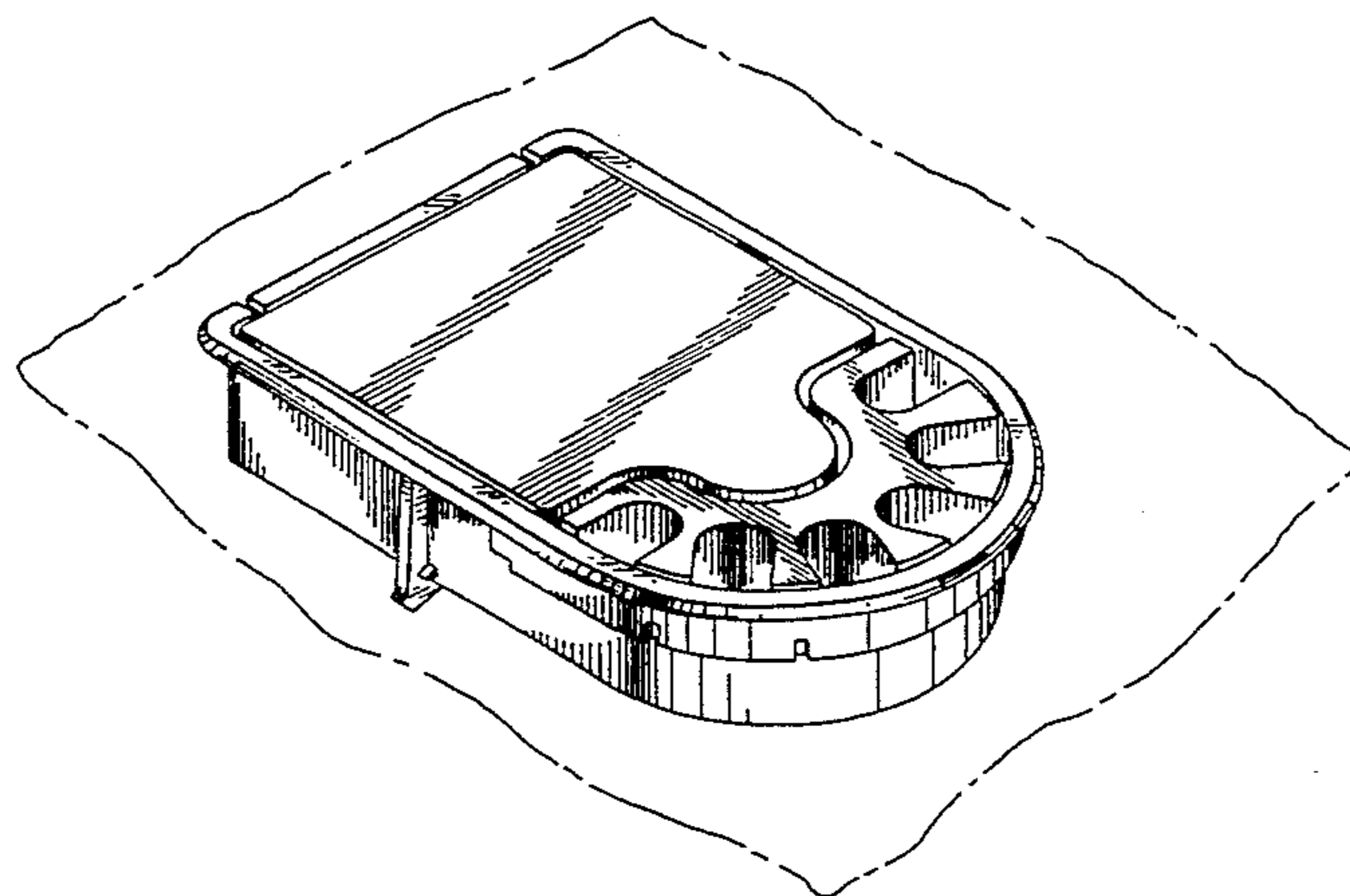
FIG. 9 is a top plan view thereof;

FIG. 10 is a bottom perspective view of the first embodiment;

FIG. 11 is a bottom perspective view of the second embodiment;

FIG. 12 is an isometric view of the embodiment of the wire management assembly of FIG. 6; and,

FIG. 13 is a plan view thereof in the closed position. The broken line showing of structure is for illustrative purposes only and forms no part of the claimed design.



Des. 355,110

Page 2

U.S. PATENT DOCUMENTS					
4,792,881	12/1988	Wilson et al. .	5,024,167	6/1991	Hayward .
4,843,707	7/1989	Lake, Jr. et al. .	5,050,267	9/1991	Quest .
4,883,330	11/1989	Armstrong et al. .	5,083,512	1/1992	Newhouse et al. .
4,884,513	12/1989	Newhouse et al. .	5,121,698	6/1992	Kelley .
4,948,205	8/1990	Kelley .	5,130,494	7/1992	Simonton et al. .
			5,144,777	9/1992	Fishel et al. 16/2
			5,167,047	12/1992	Plumley 174/153 G

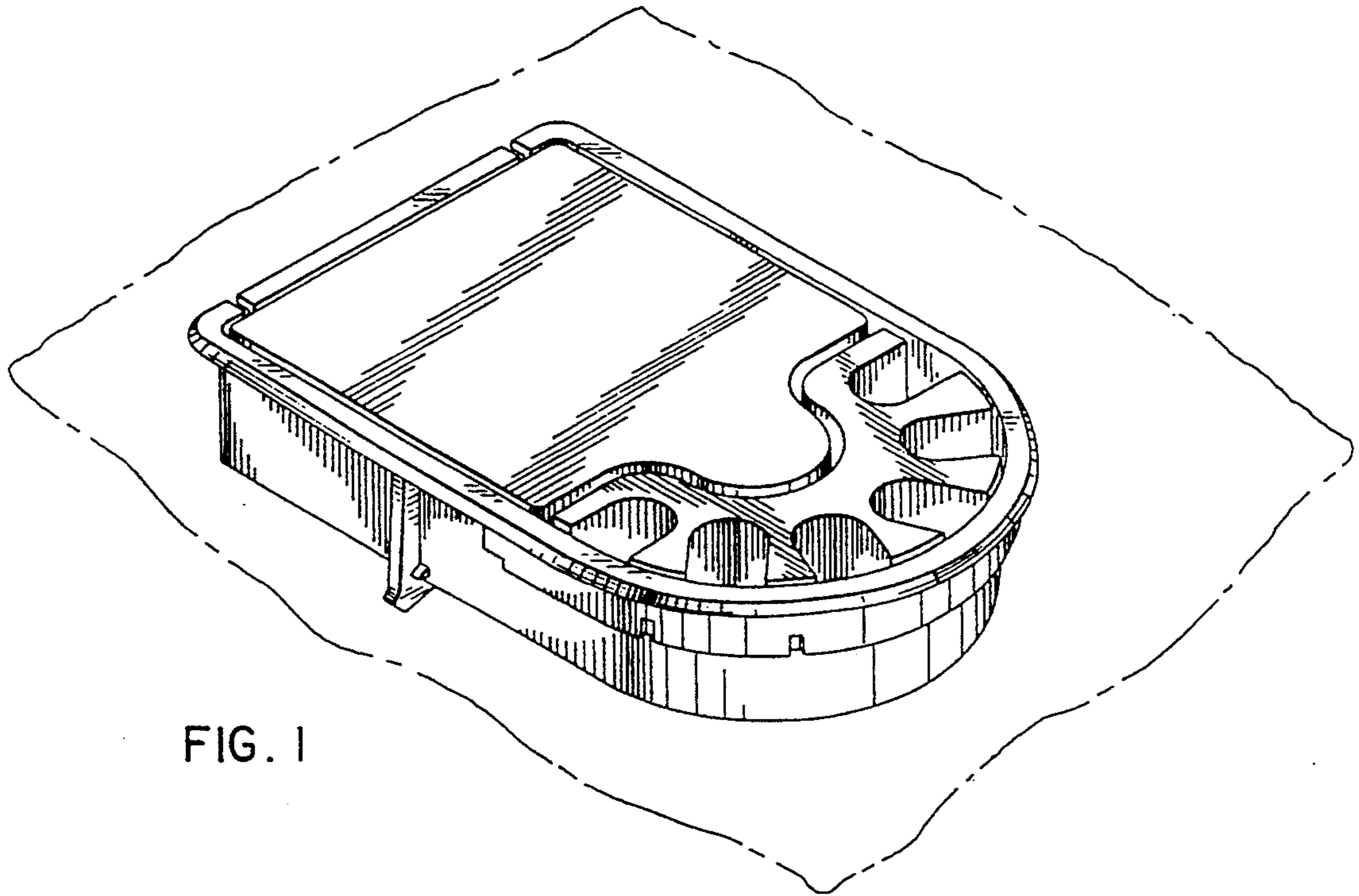


FIG. 1

FIG. 2

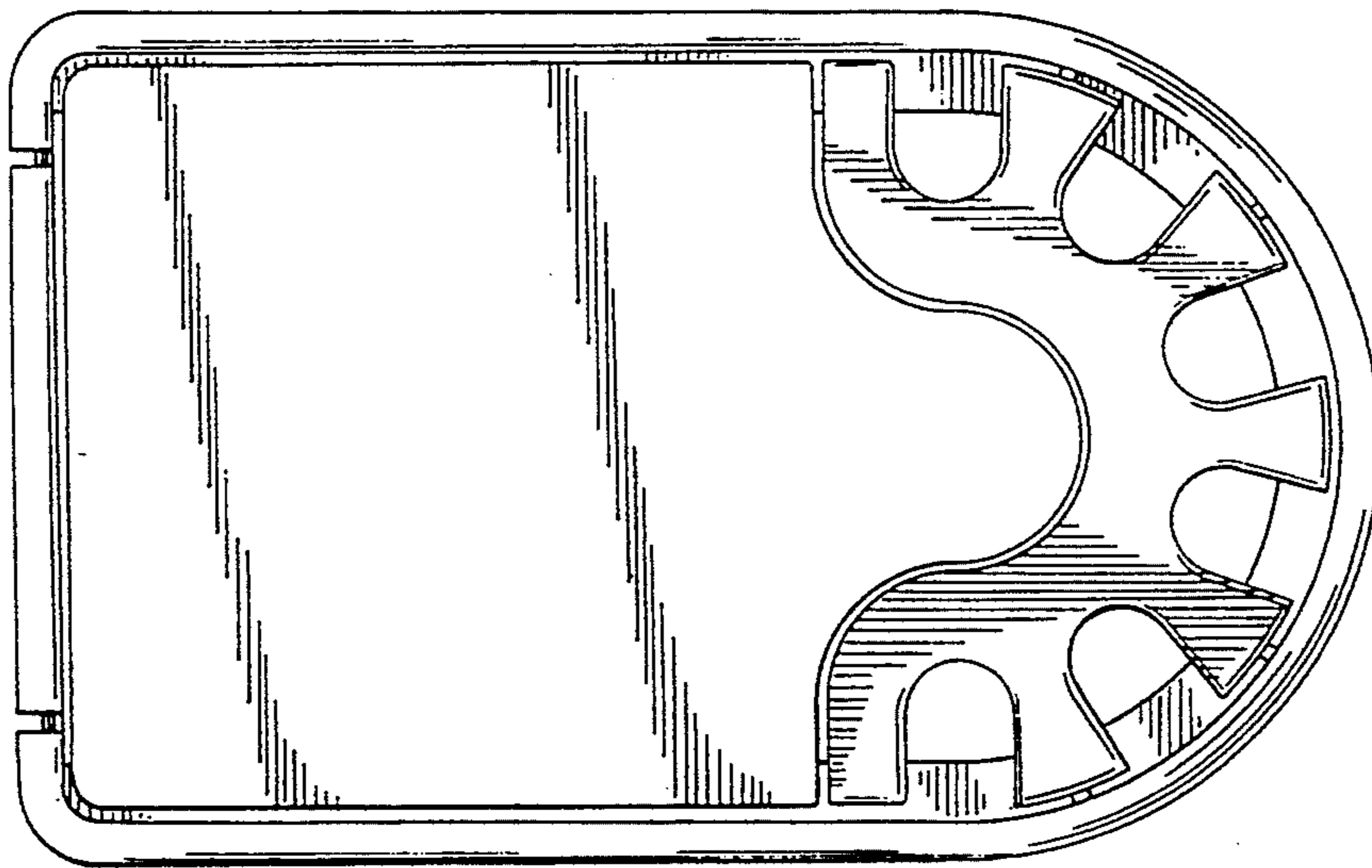
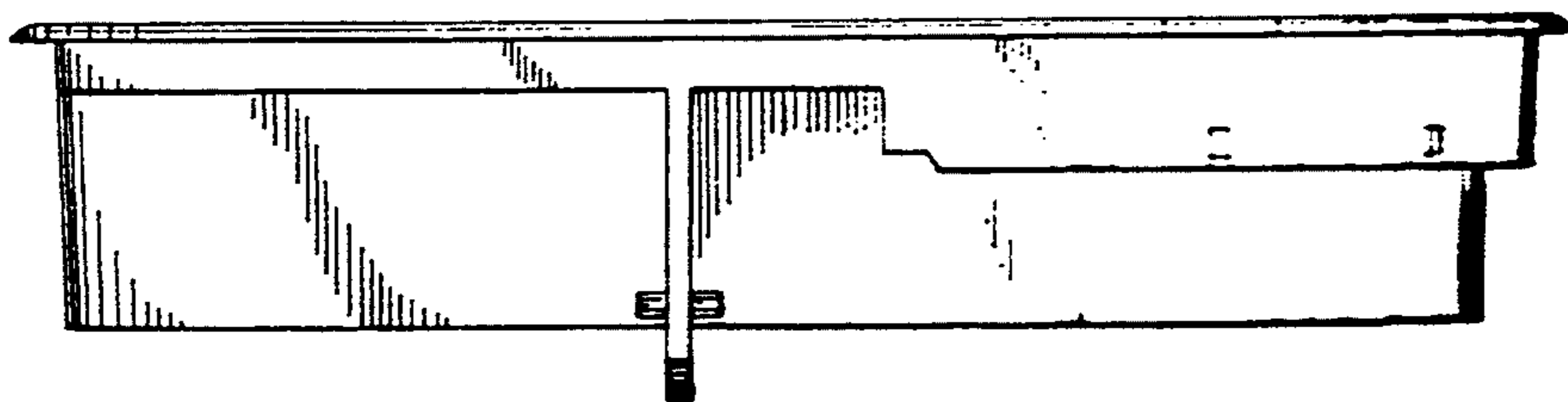


FIG. 3



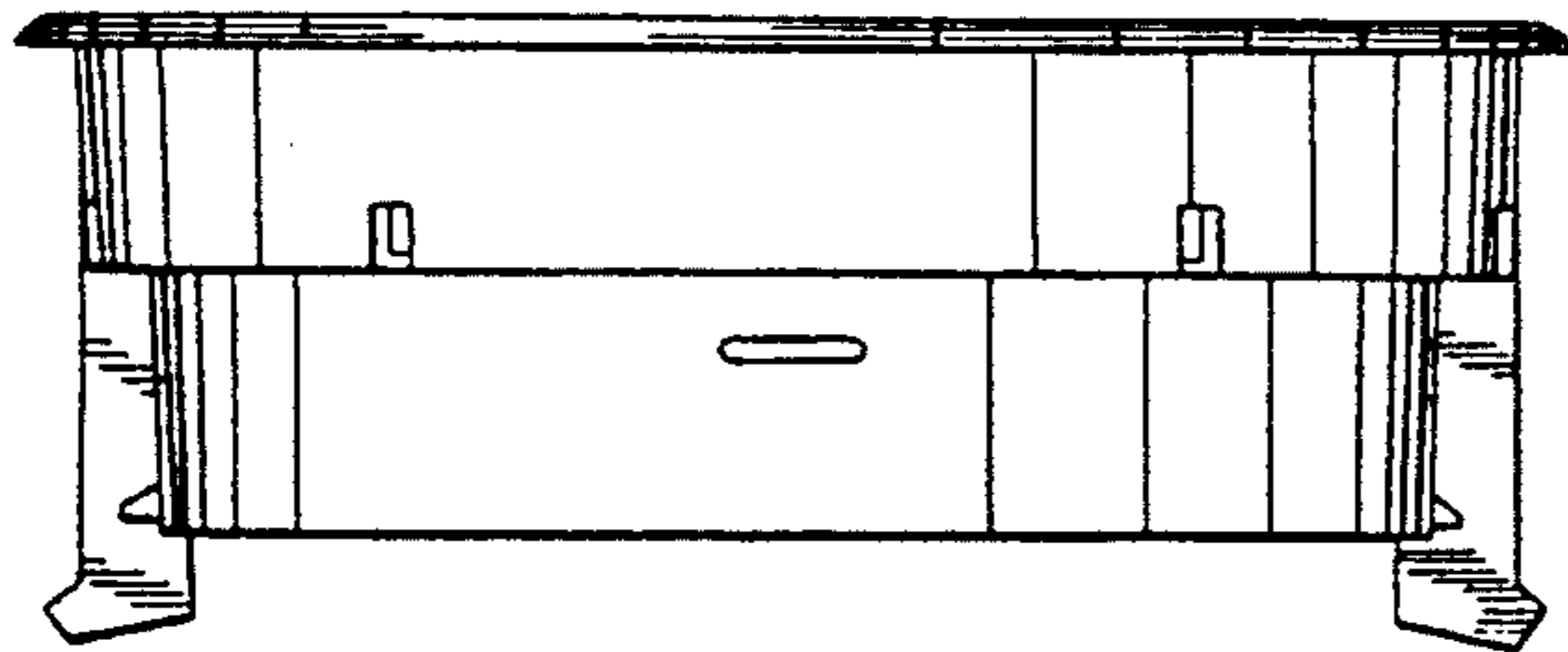


FIG. 4

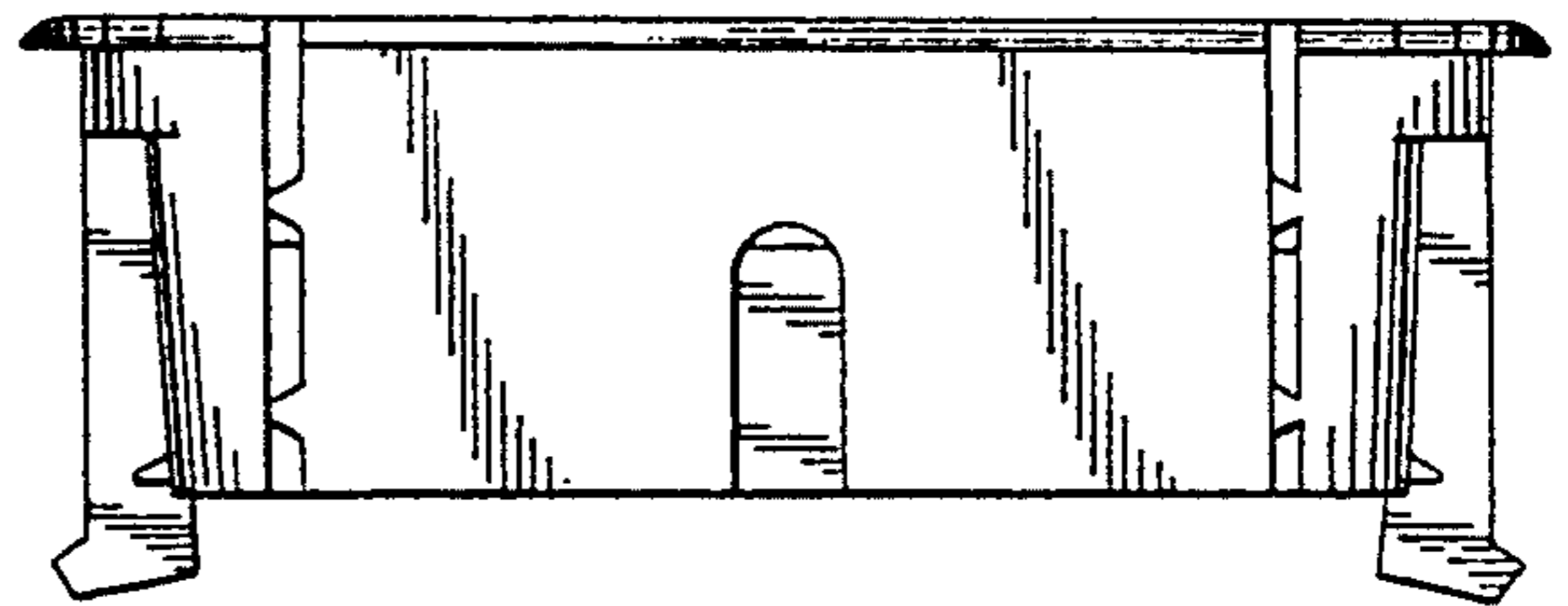


FIG. 5

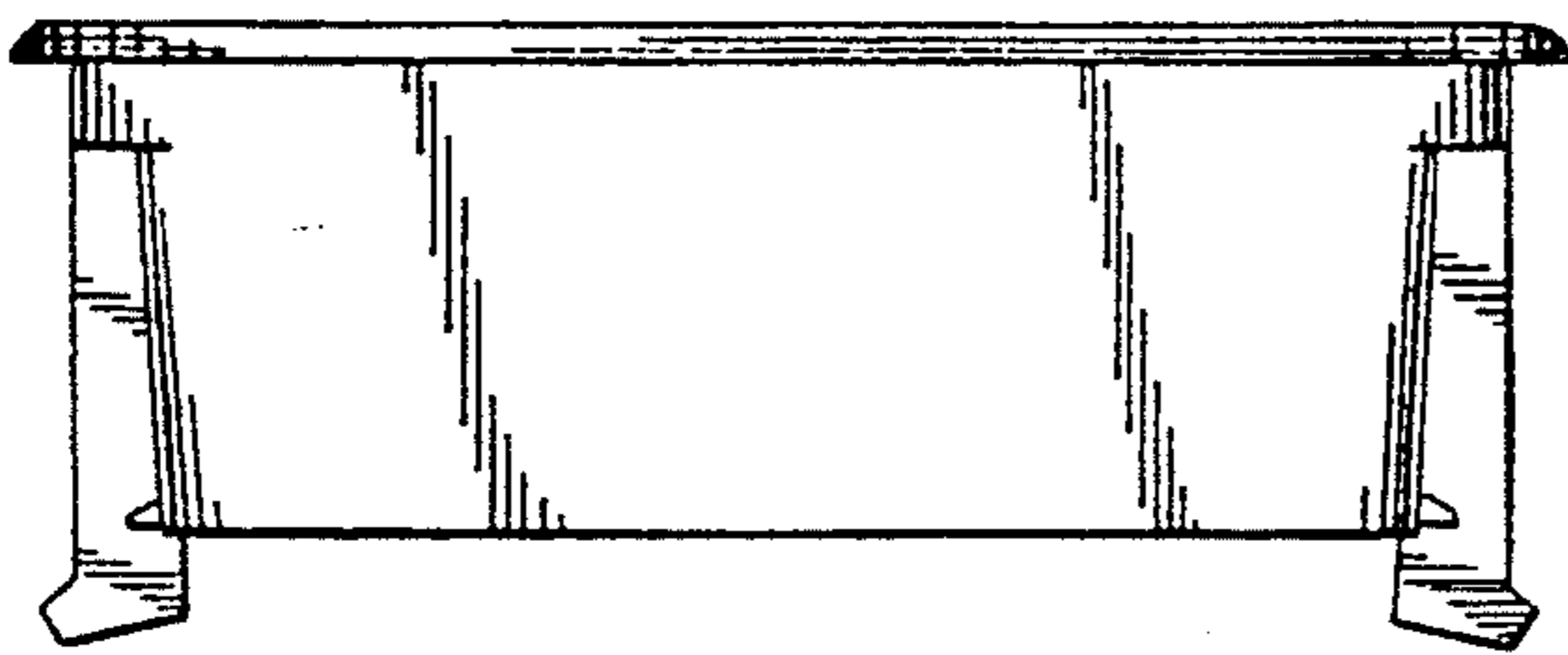


FIG. 6

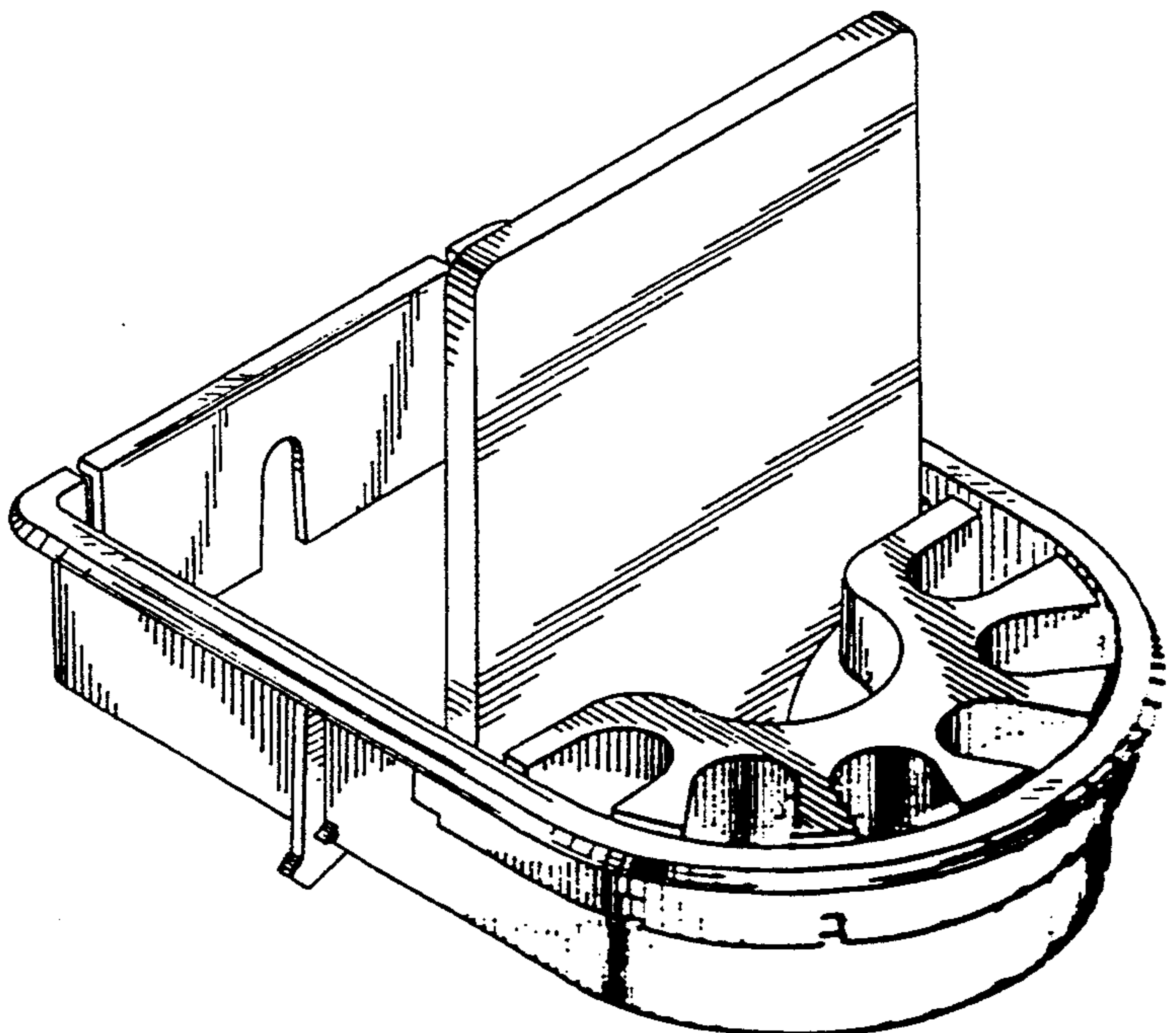


FIG. 7

FIG. 8

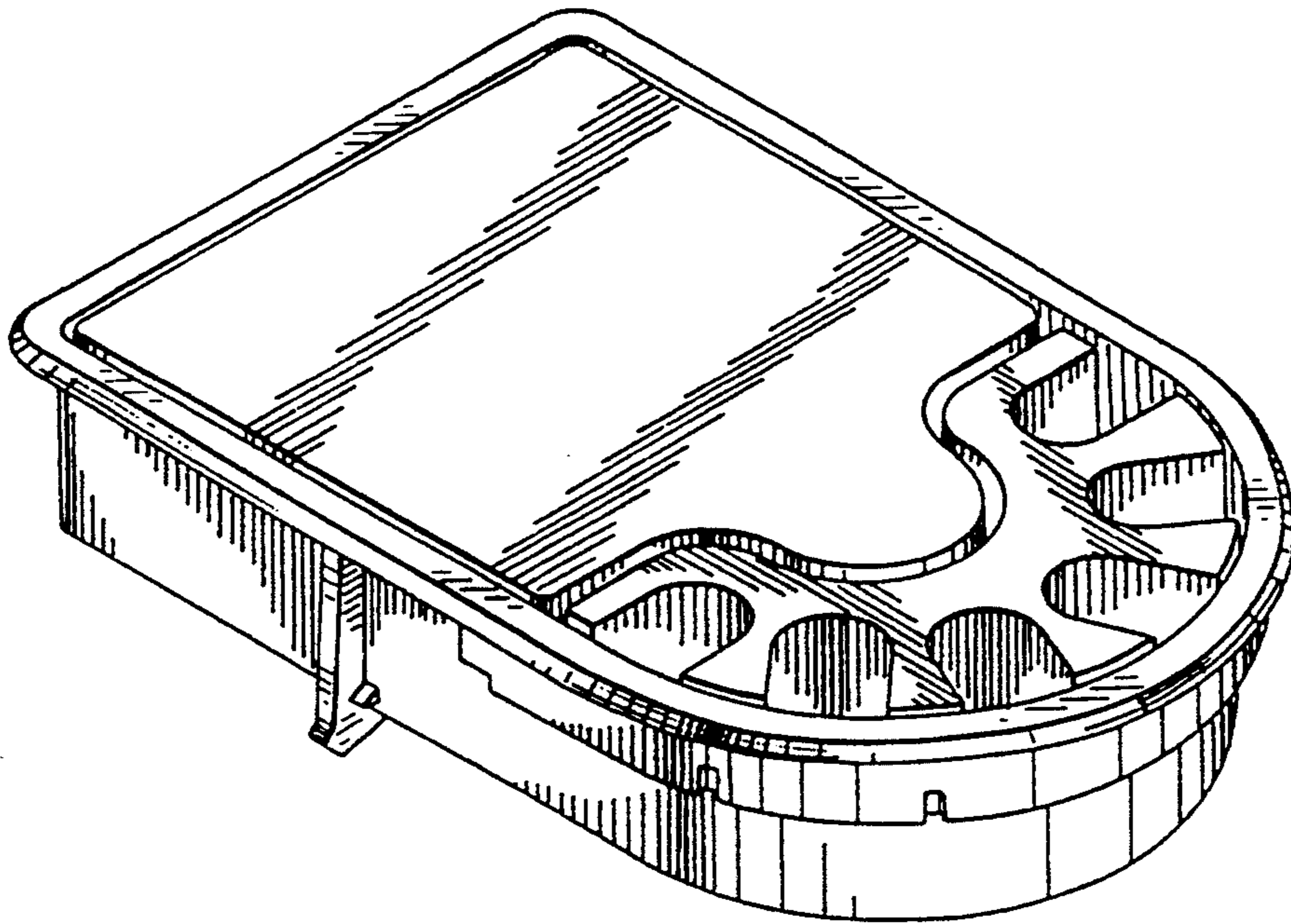


FIG. 9

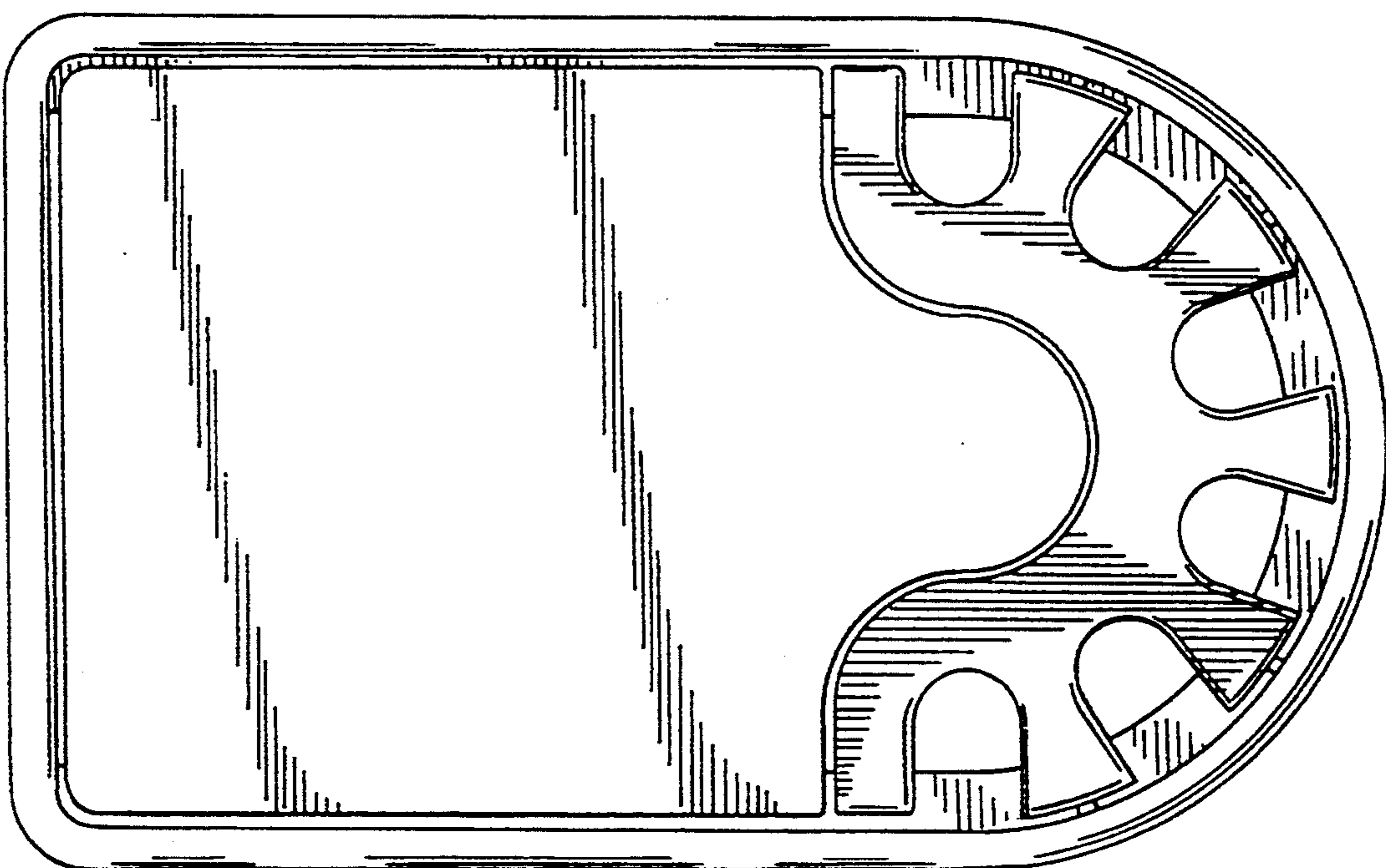


FIG. 10

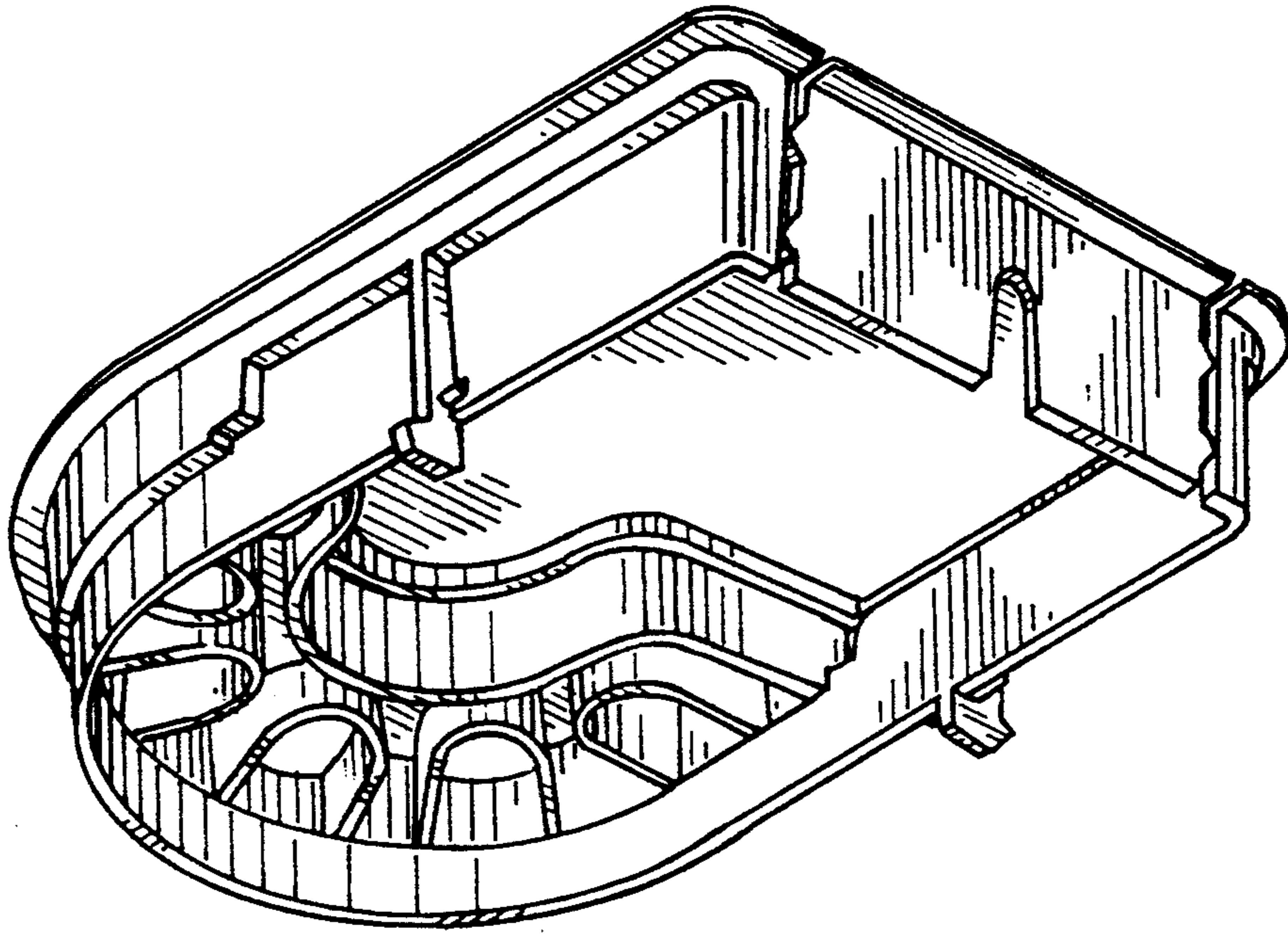


FIG. 11

