



US00D673886S

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

(10) **Patent No.:** **US D673,886 S**
(45) **Date of Patent:** **** Jan. 8, 2013**

(54) **GAS SPRING END MEMBER**

(75) Inventor: **Joshua R. Leonard**, Noblesville, IN
(US)

(73) Assignee: **Firestone Industrial Products
Company, LLC**, Indianapolis, IN (US)

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

(21) Appl. No.: **29/398,991**

(22) Filed: **Aug. 8, 2011**

(51) **LOC (9) Cl.** **12-16**

(52) **U.S. Cl.** **D12/159**

(58) **Field of Classification Search** D12/159;
280/124.155, 124.147, 124.145, 124.146,
280/86.752, 11.225; 188/281, 298, 297,
188/315, 316, 274, 286; 267/195, 136, 64.15,
267/217; 464/173; 293/134
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

4,634,142	A *	1/1987	Woods et al.	.....	280/5.503
4,718,650	A *	1/1988	Geno	.....	267/64.27
5,765,860	A *	6/1998	Osborn et al.	.....	280/728.2
6,036,179	A *	3/2000	Rensel	.....	267/64.11
6,375,168	B2 *	4/2002	Behrends	.....	267/64.19
6,698,730	B2 *	3/2004	Easter	.....	267/64.28

6,746,004	B2 *	6/2004	Leonard et al.	.....	267/64.27
7,621,538	B2 *	11/2009	Nordmeyer et al.	.....	280/5.515
7,871,081	B1 *	1/2011	Lin	.....	280/5.504
7,959,170	B2 *	6/2011	Mauz	.....	280/124.135
2005/0093265	A1 *	5/2005	Niaura et al.	.....	280/124.16

* cited by examiner

Primary Examiner — Michael A Pratt

(74) *Attorney, Agent, or Firm* — Jason A. Houser; Fay
Sharpe LLP

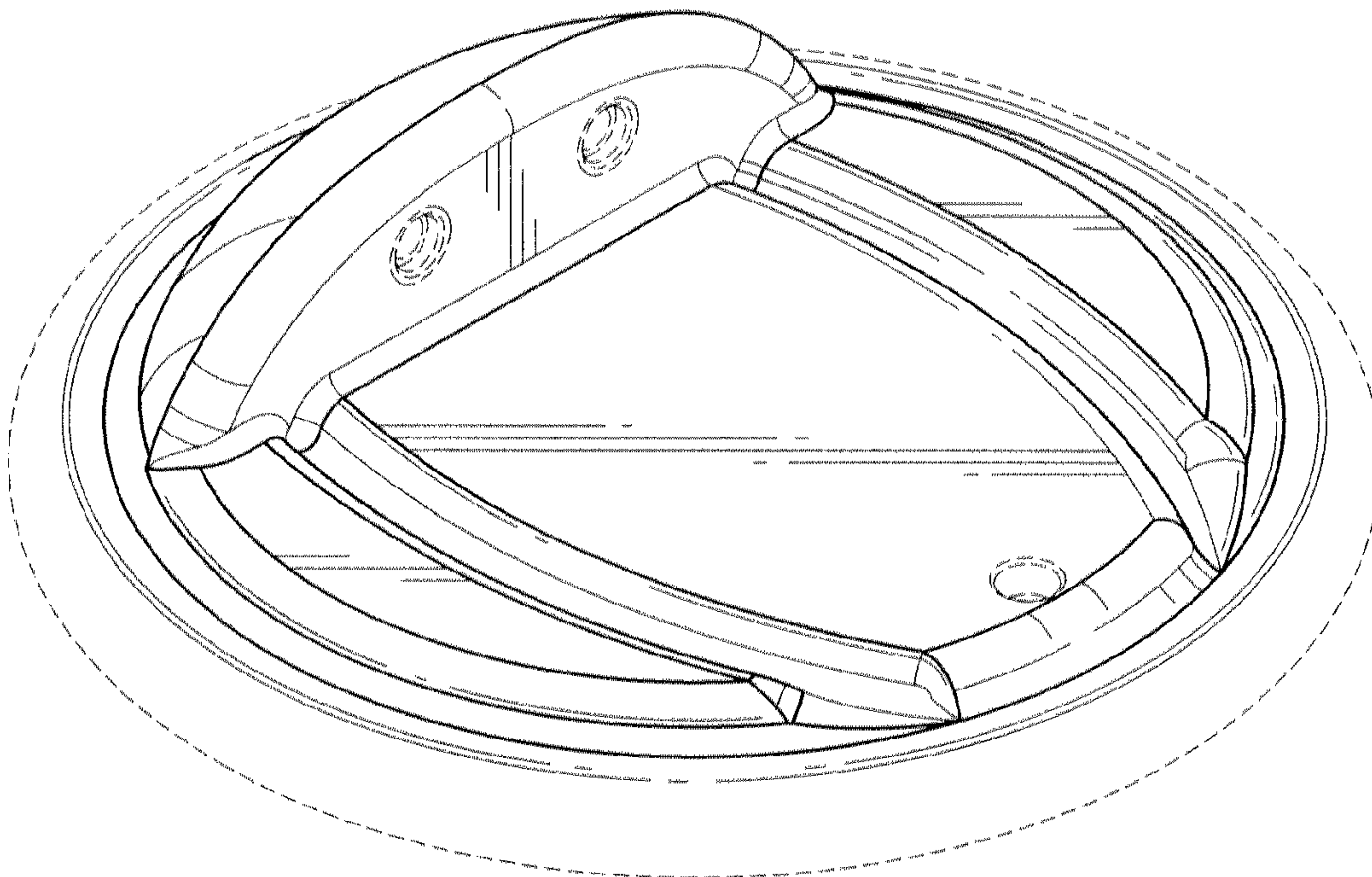
(57) **CLAIM**

The ornamental design for a gas spring end member, as shown
and described.

DESCRIPTION

FIG. 1 is a perspective view of one embodiment of a gas
spring end member according to my new design;
FIG. 2 is a top plan view thereof;
FIG. 3 is a bottom plan view thereof;
FIG. 4 is a left side view thereof;
FIG. 5 is a right side view thereof;
FIG. 6 is a rear side view thereof;
FIG. 7 is a front side view thereof; and,
FIG. 8 is a perspective view of the gas spring end member as
a part of a gas spring assembly.
The broken lines are for illustrative purposes only and form
no part of the claimed design.

1 Claim, 6 Drawing Sheets



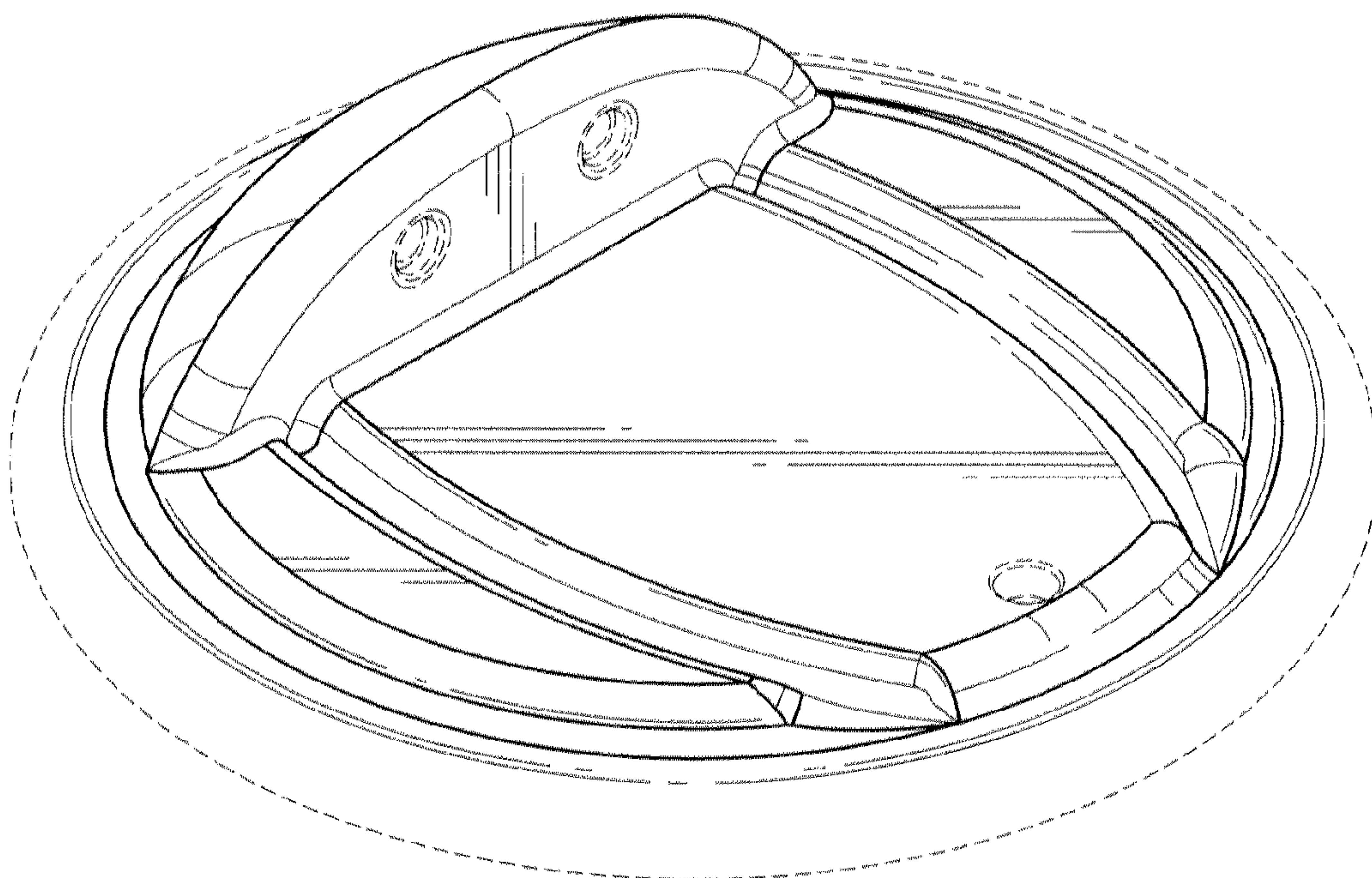


FIG. 1

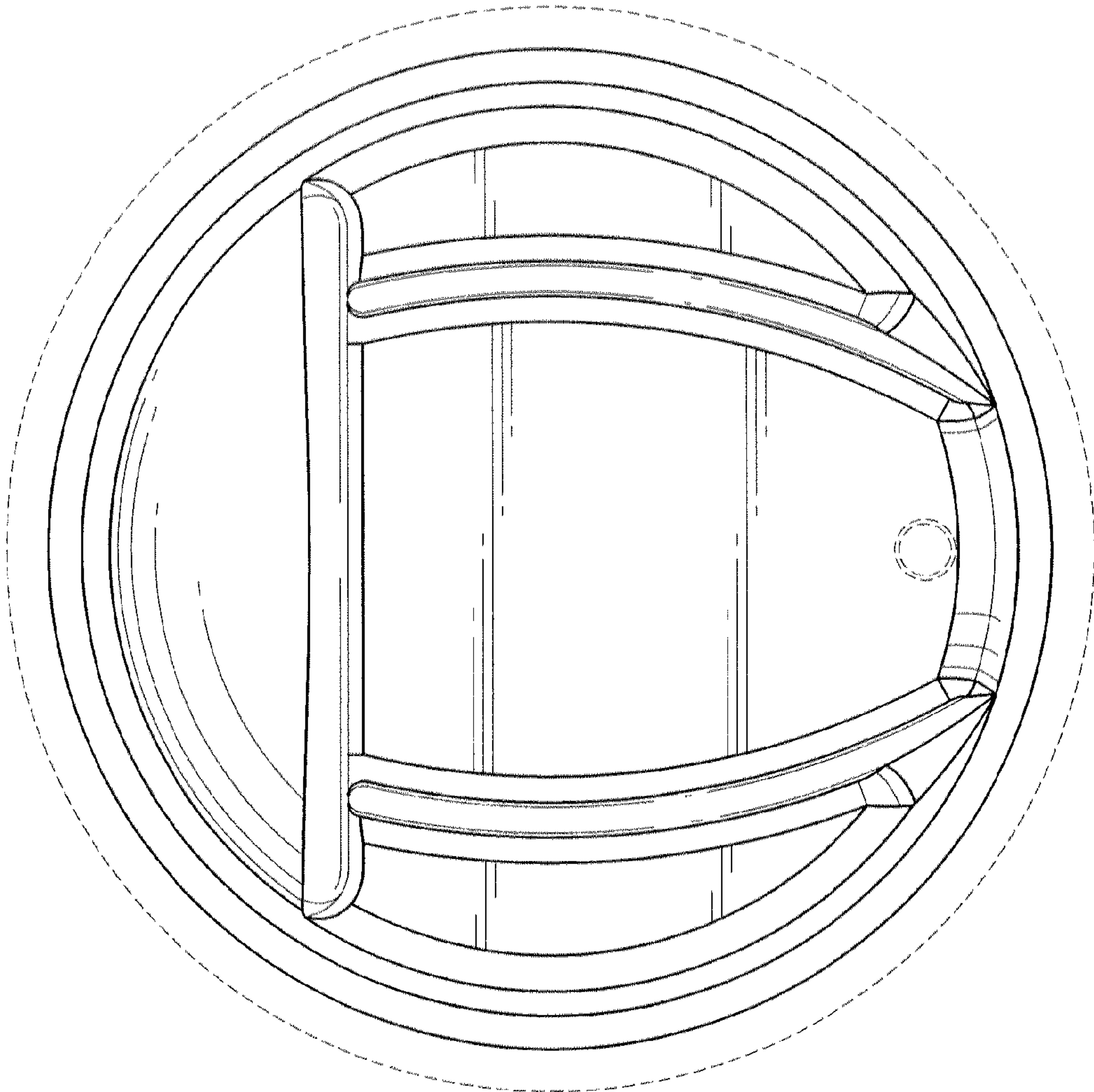


FIG. 2

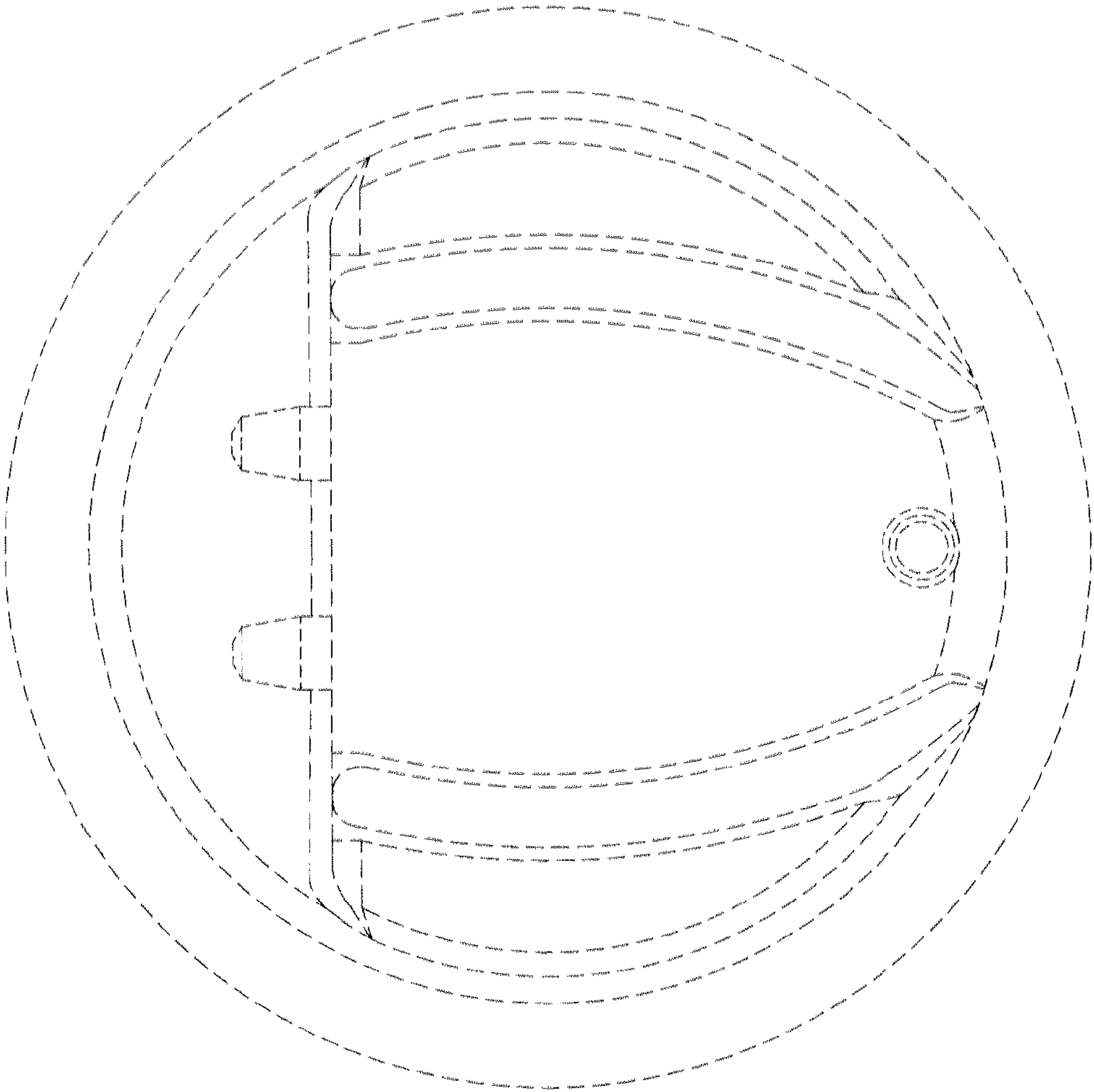


FIG. 3

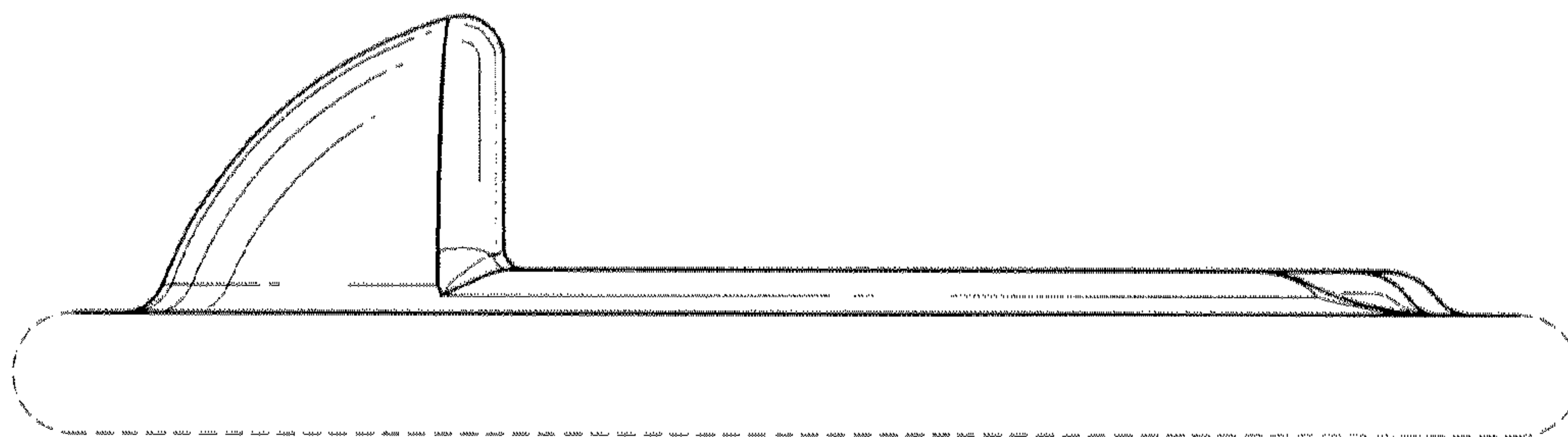


FIG. 4

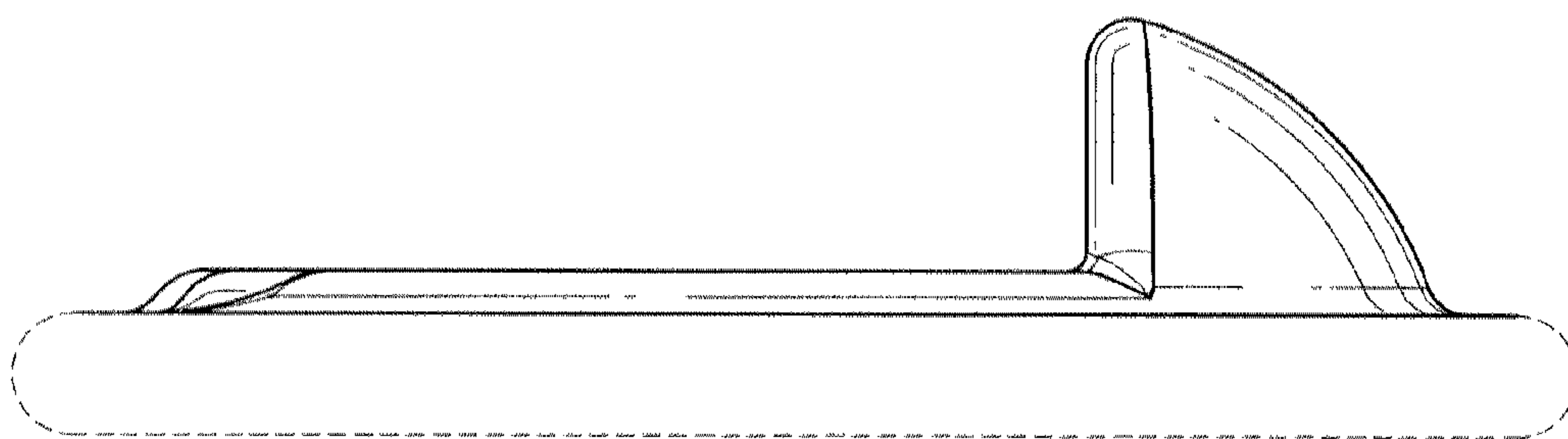


FIG. 5

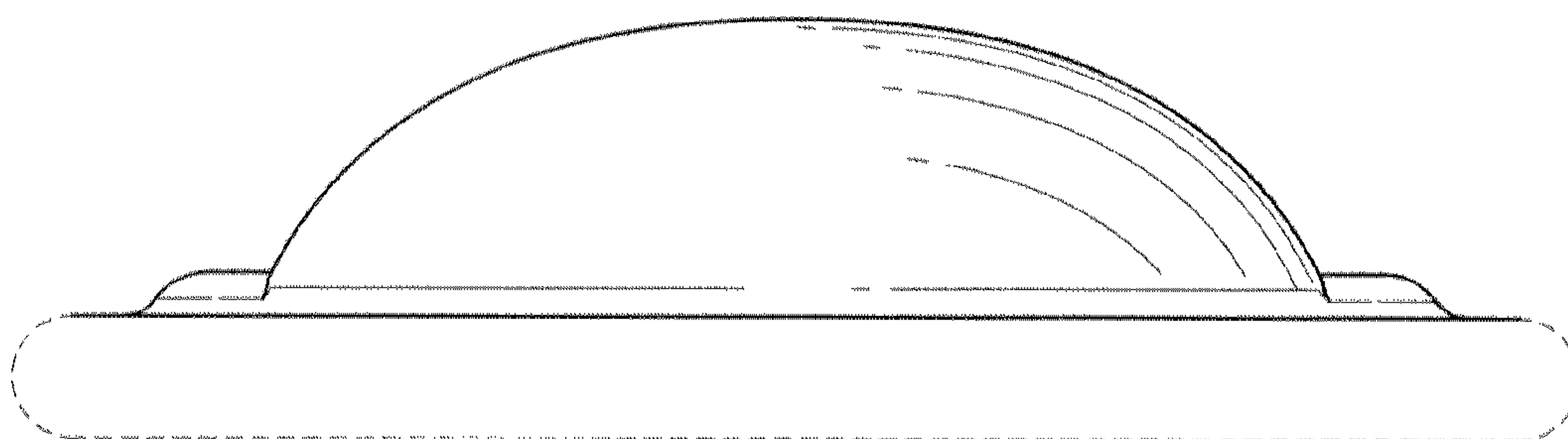


FIG. 6

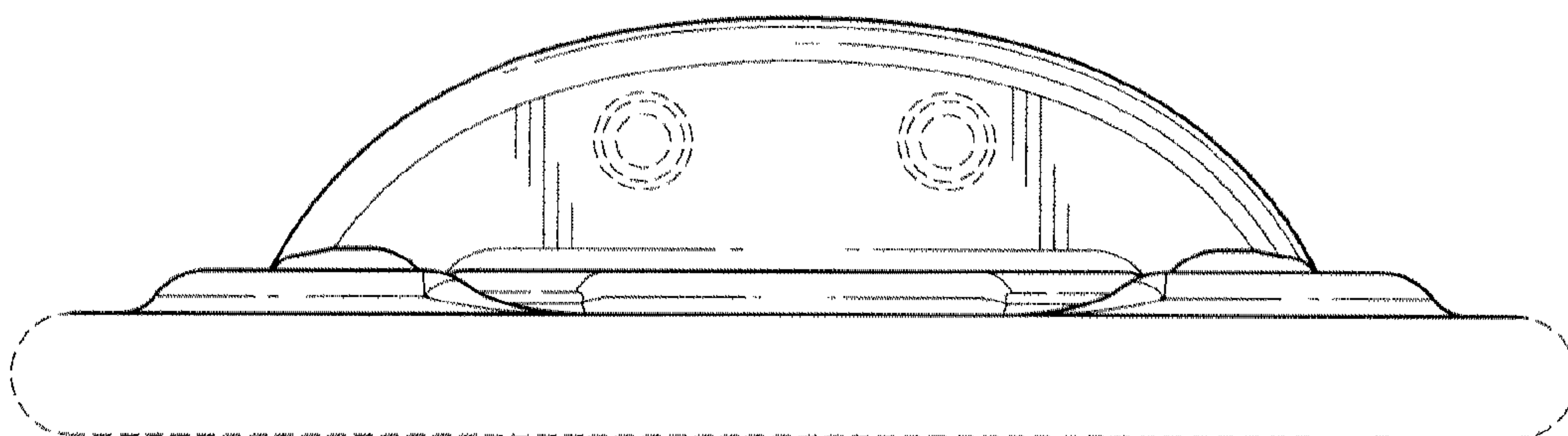


FIG. 7

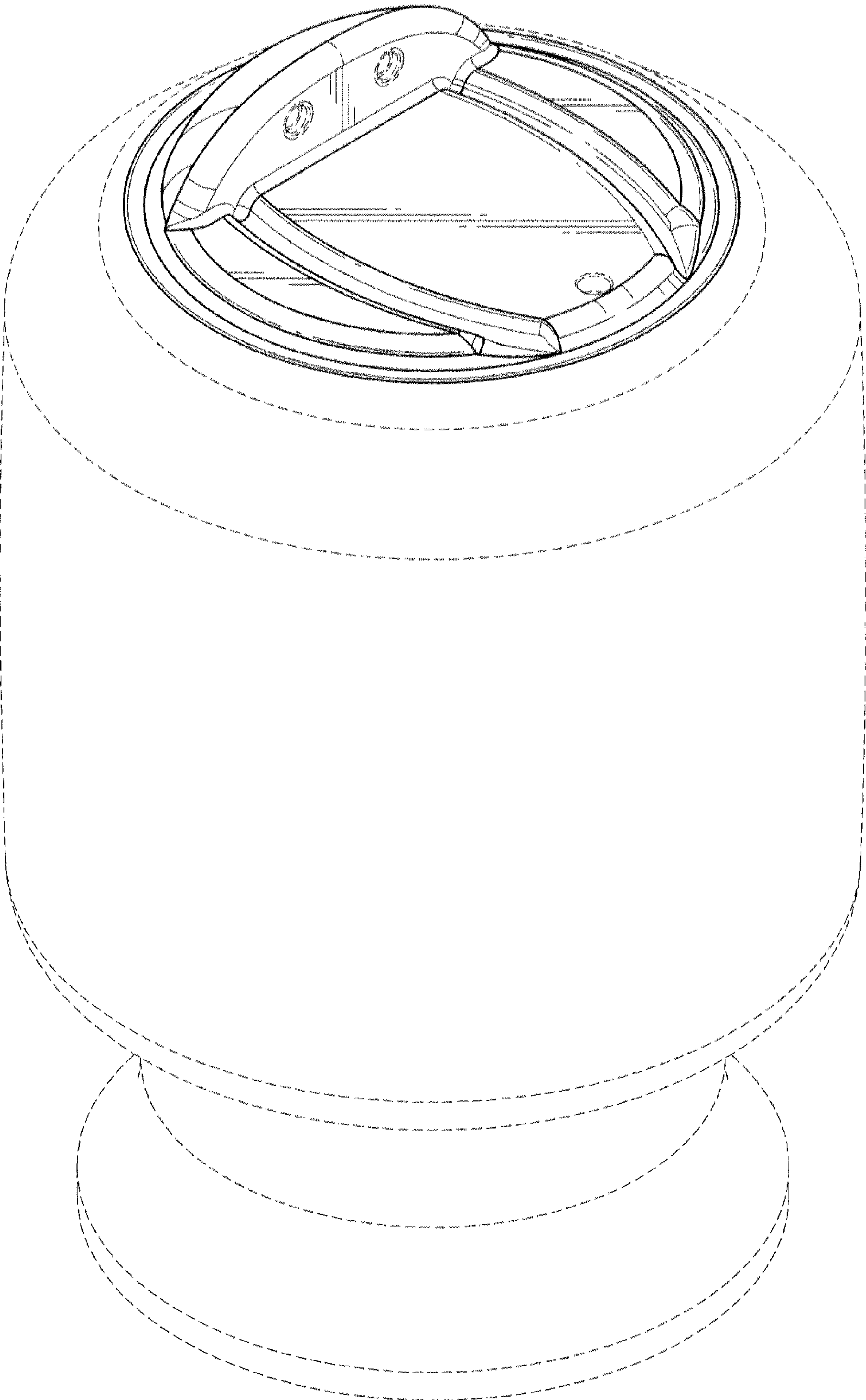


FIG. 8