



US00D442168S

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

(10) **Patent No.:** **US D442,168 S**

(45) **Date of Patent:** **\*\* May 15, 2001**

(54) **GLOBAL POSITIONING SYSTEM ANTENNA HOUSING**

4,804,972 \* 11/1995 Schudel ..... 343/872

\* cited by examiner

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

(57) **CLAIM**

We claim the ornamental design for a global positioning system antenna housing, as shown.

(21) Appl. No.: **29/121,103**

**DESCRIPTION**

(22) Filed: **Mar. 30, 2000**

(51) **LOC (7) Cl.** ..... **14-03**

FIG. 1 is an upper left rear perspective view, of the global positioning system antenna housing comprising the present invention;

(52) **U.S. Cl.** ..... **D14/231**

FIG. 2 is a bottom right front perspective view thereof;

(58) **Field of Search** ..... D14/230–238;  
343/872, 702

FIG. 3 is a front elevational view thereof;

FIG. 4 is a right side elevational view thereof;

FIG. 5 is a rear elevational view thereof;

FIG. 6 is a left side elevational view thereof;

FIG. 7 is a top plan view thereof; and,

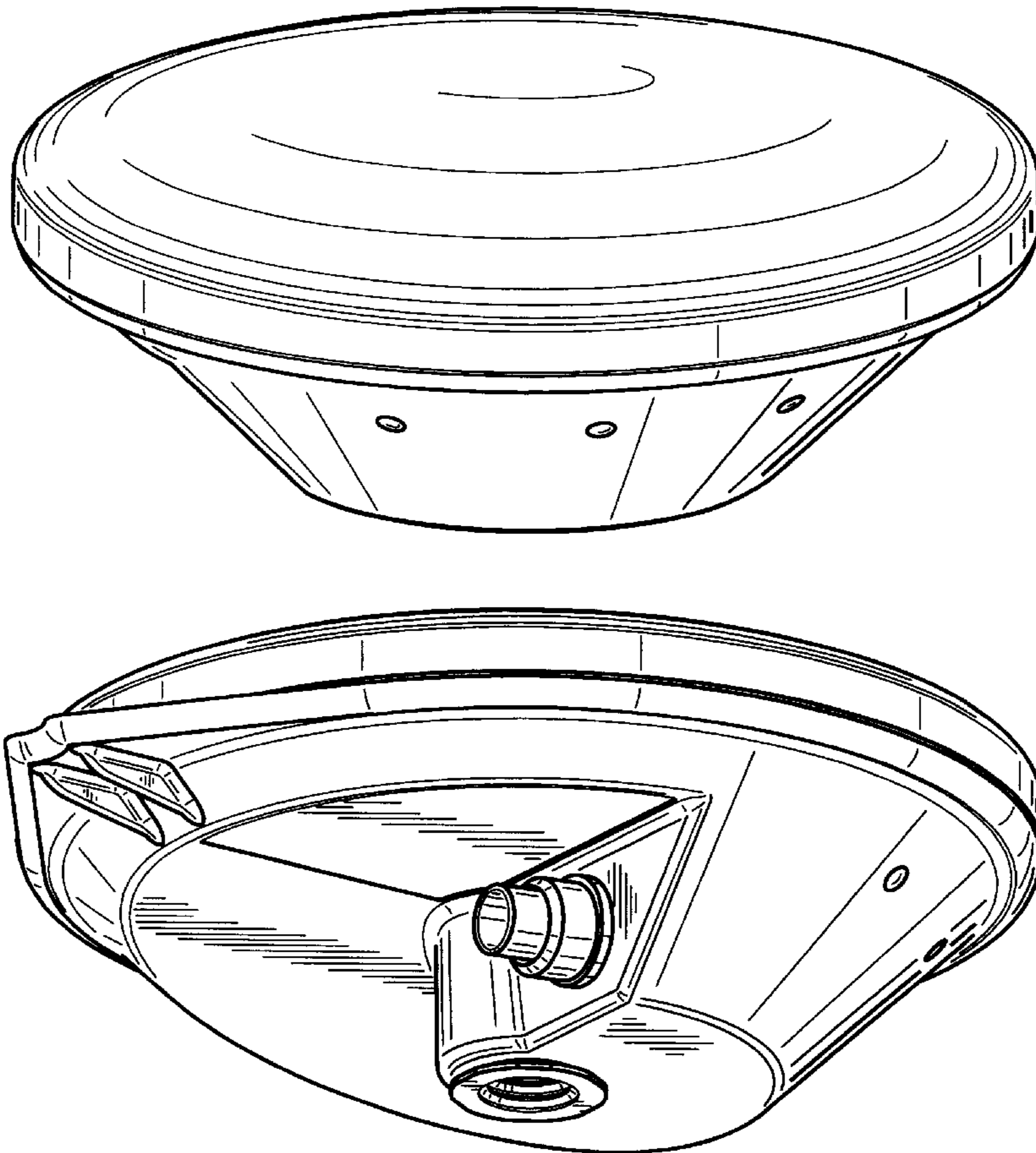
FIG. 8 is a bottom plan view thereof.

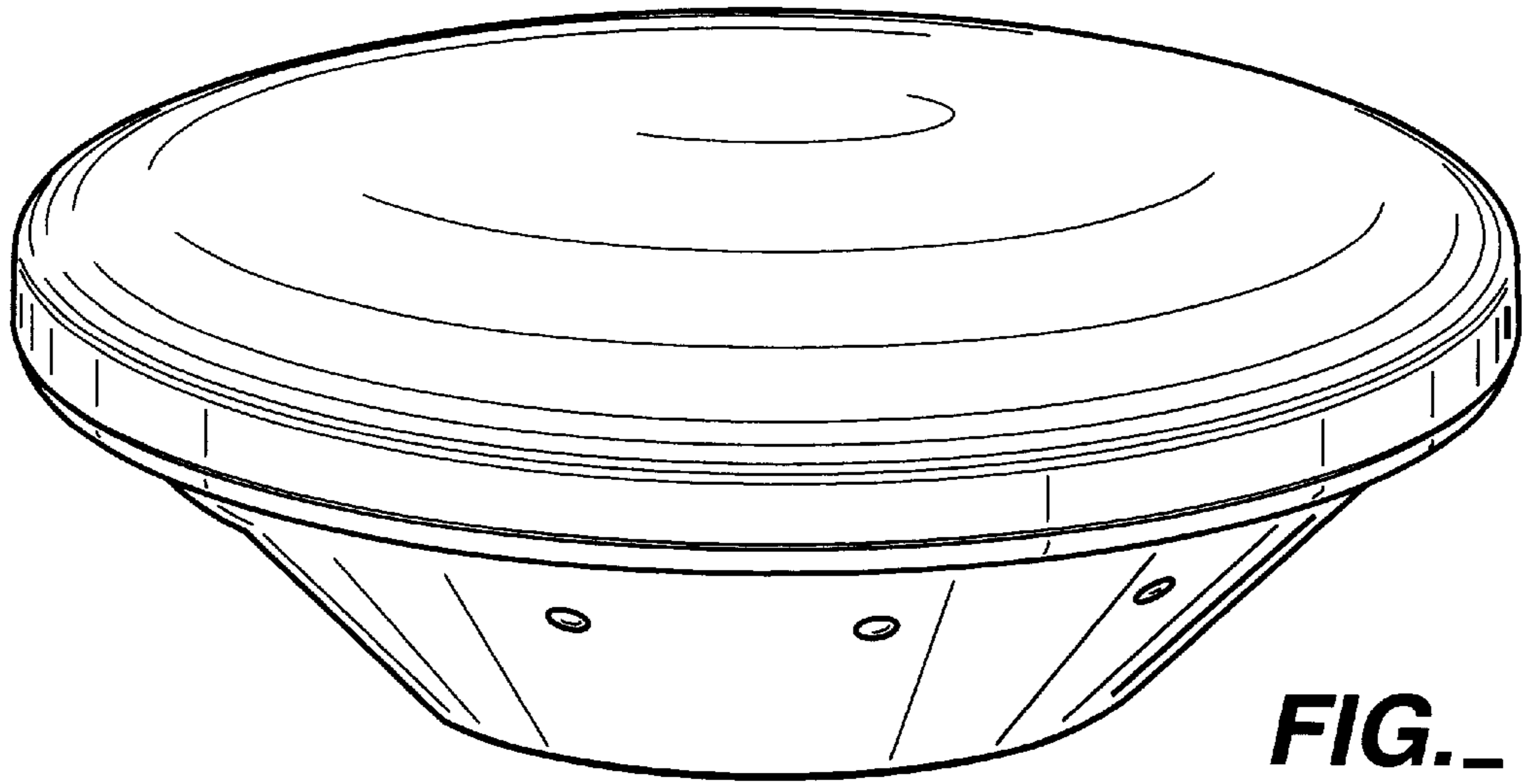
(56) **References Cited**

**U.S. PATENT DOCUMENTS**

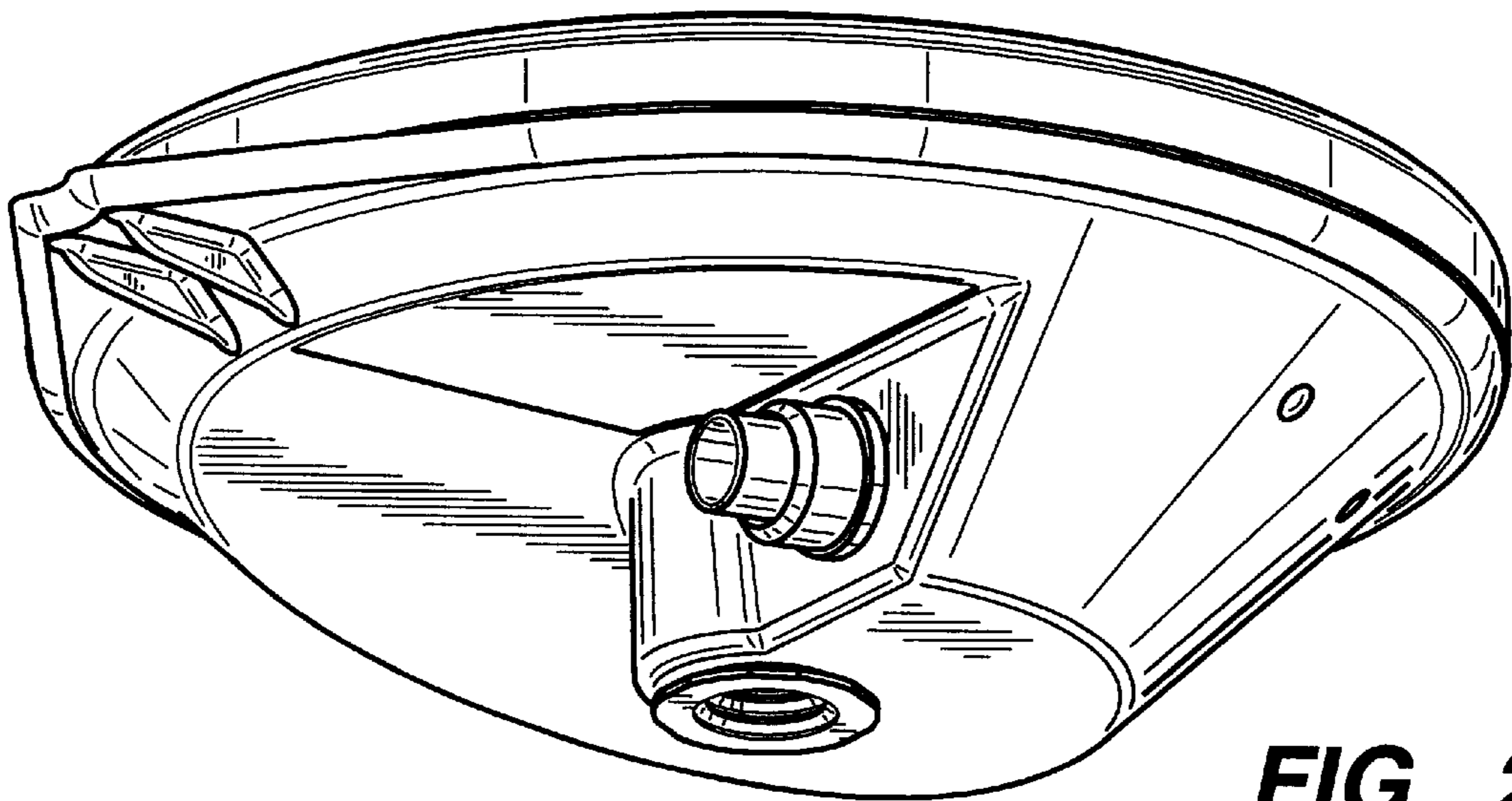
- D. 363,935 \* 11/1995 McGreevy ..... D14/230
- D. 421,439 \* 3/2000 Giuntoli ..... D14/230
- D. 427,996 \* 7/2000 Heiligenstein et al. .... D14/230
- 2,942,265 \* 6/1960 Ratkevich ..... 343/872

**1 Claim, 3 Drawing Sheets**

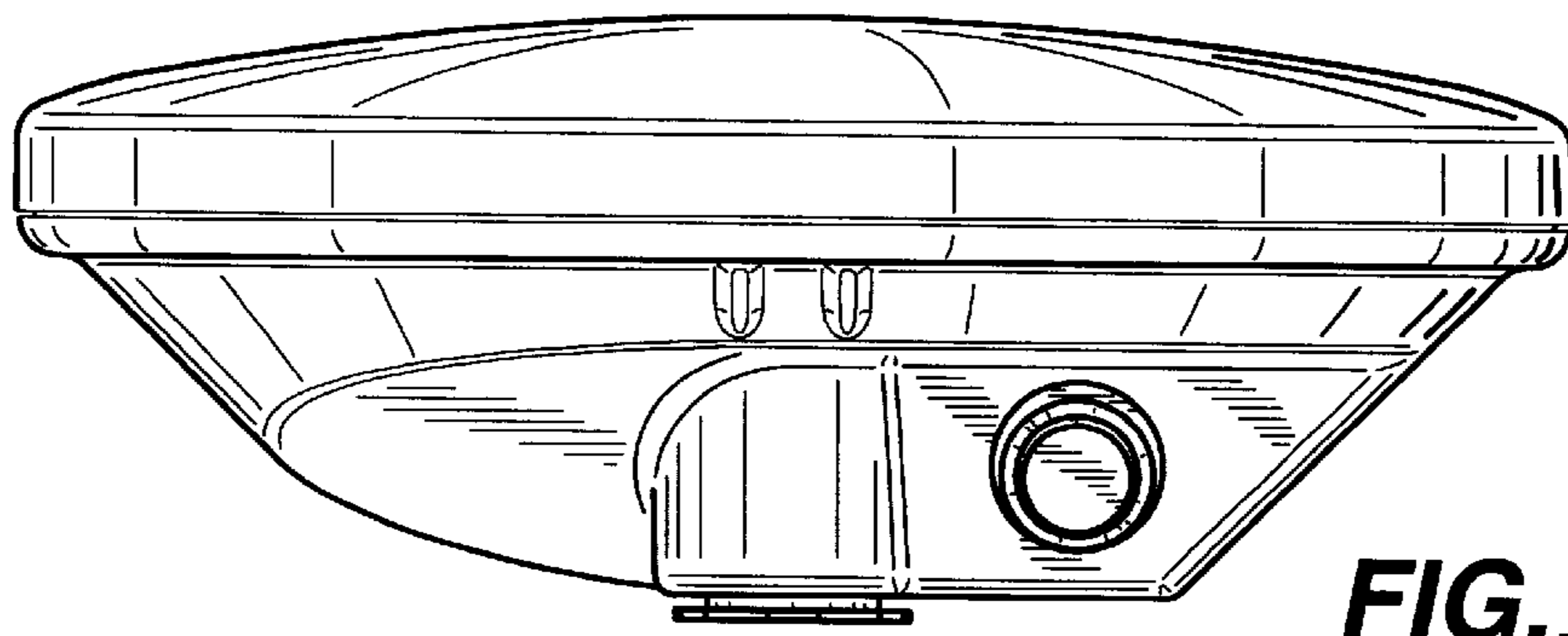




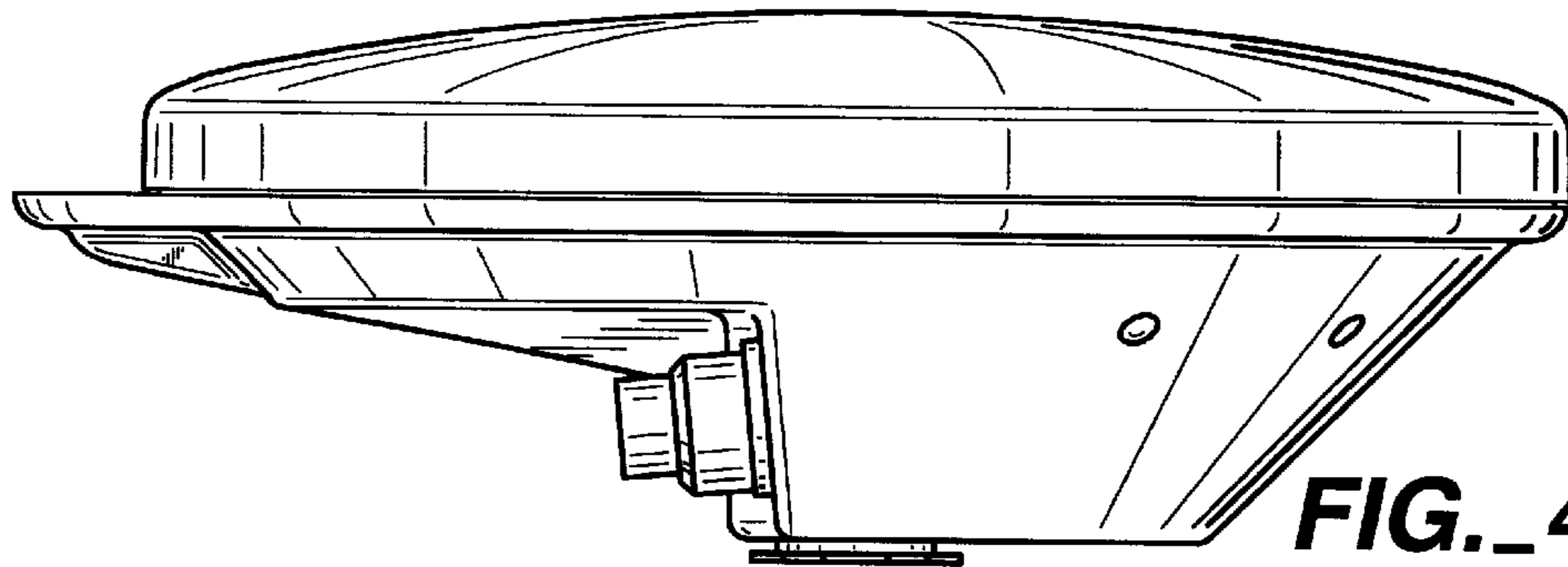
**FIG.\_1**



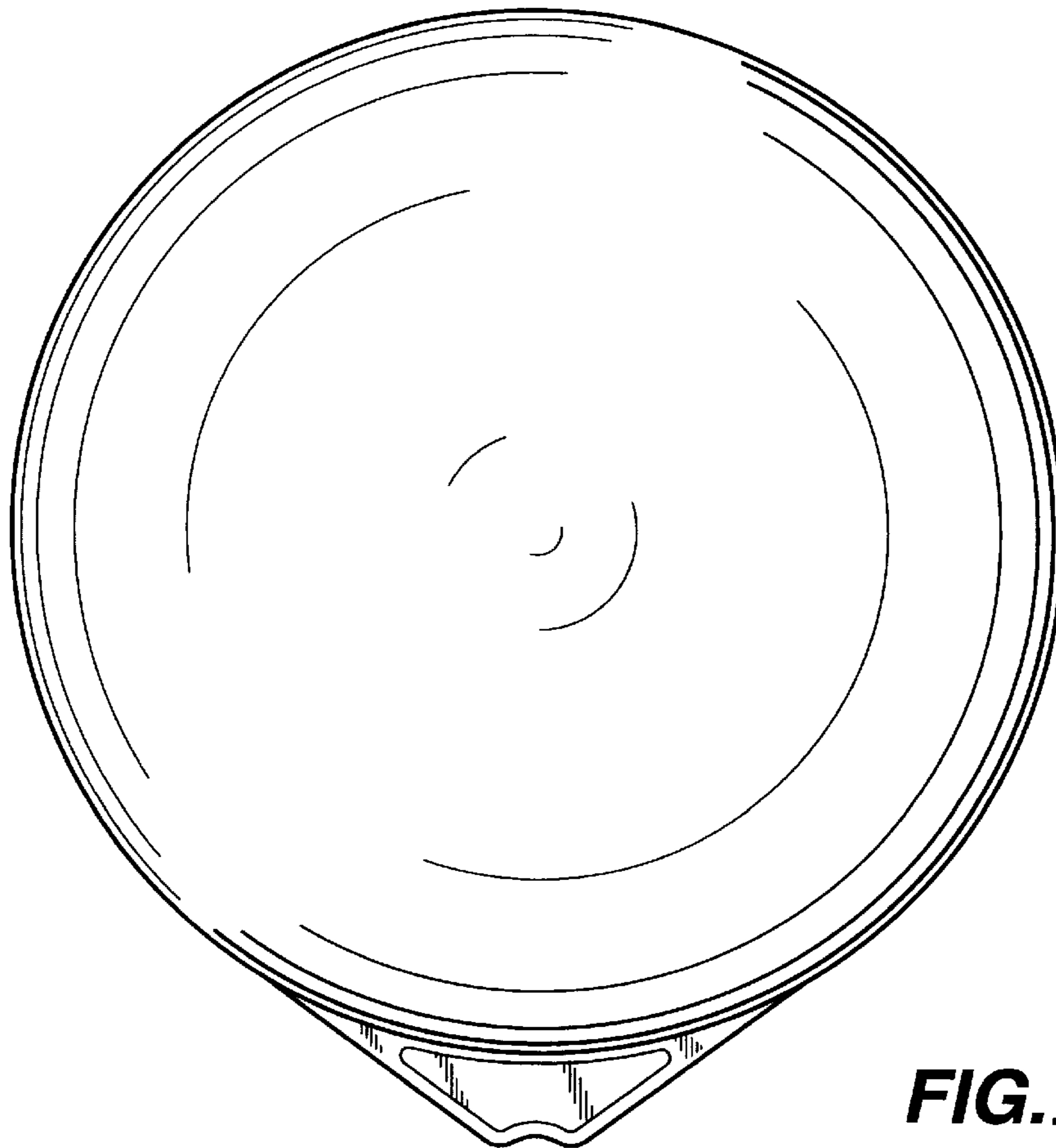
**FIG.\_2**



**FIG. 3**

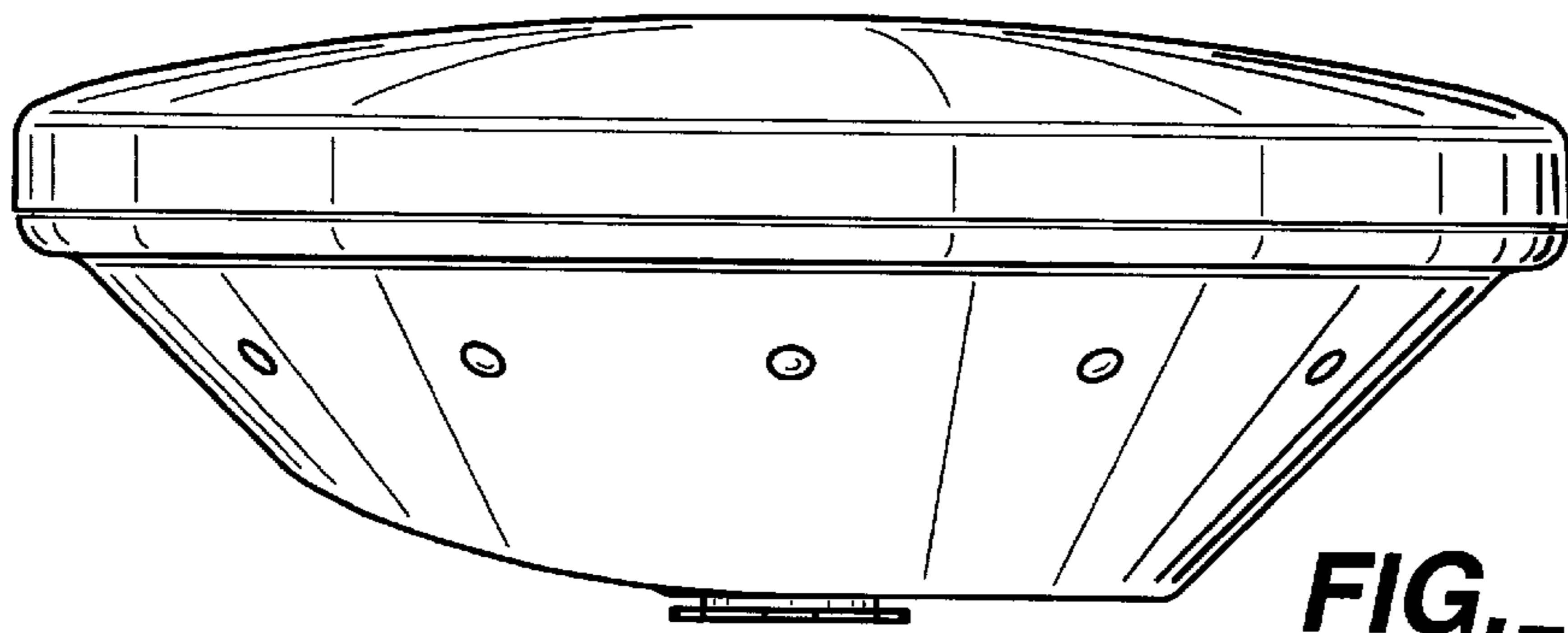


**FIG. 4**

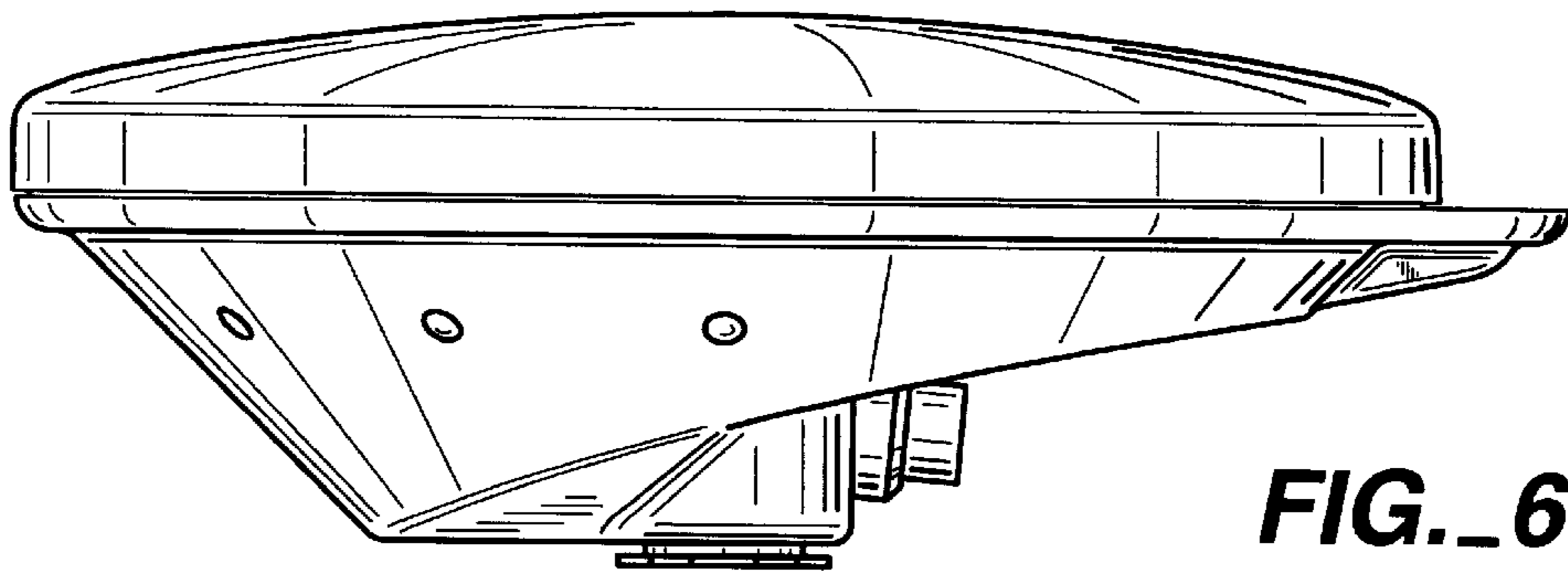


**FIG. 7**

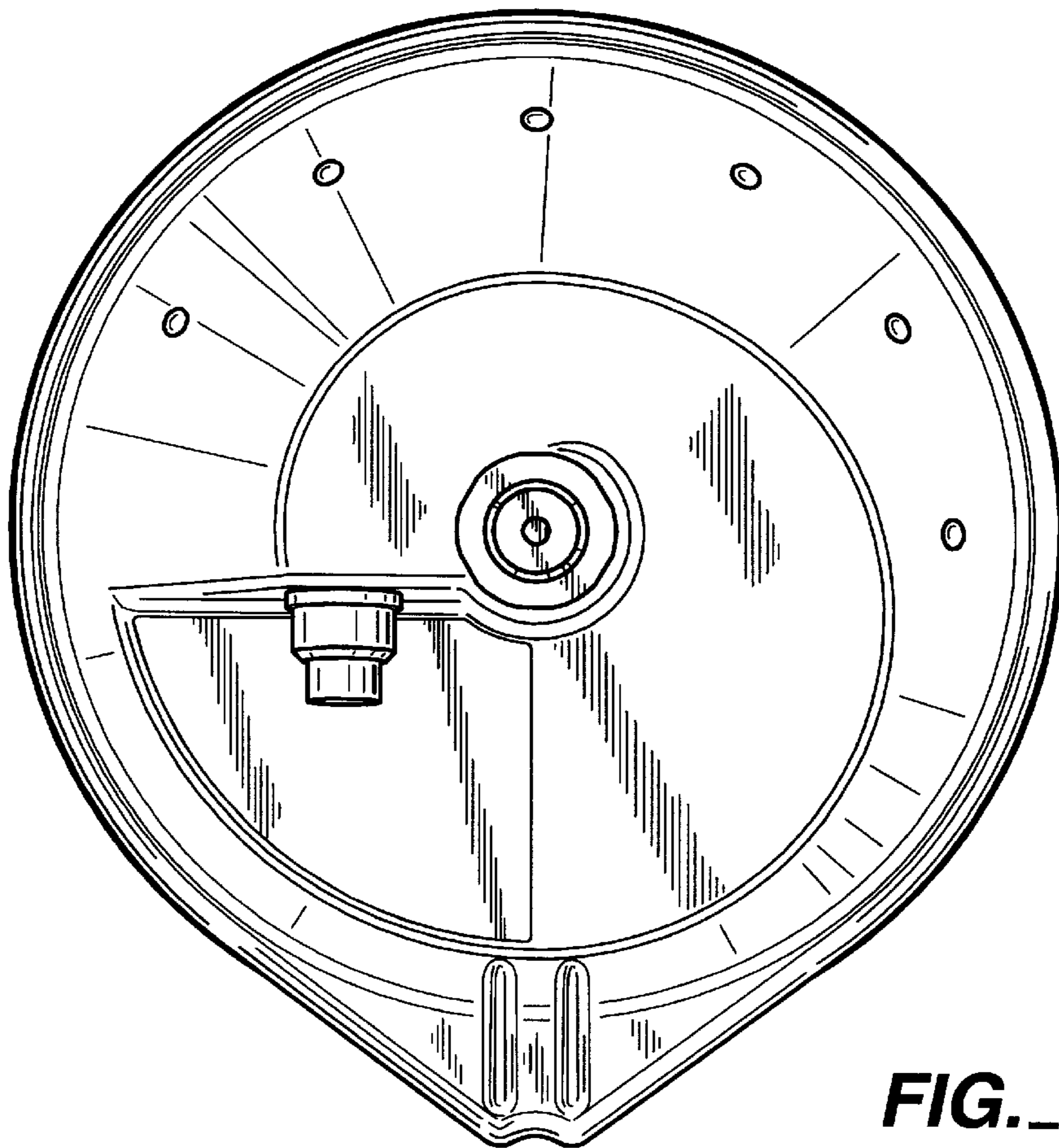




**FIG.\_5**



**FIG.\_6**



**FIG.\_8**