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(12) **United States Design Patent** (10) **Patent No.:** **US D898,556 S**  
**Winekoff et al.** (45) **Date of Patent:** **\*\* Oct. 13, 2020**

(54) **TWIST FASTENER**  
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(\*\*) Term: **15 Years**  
(21) Appl. No.: **29/613,485**  
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(51) **LOC (12) Cl.** ..... **08-08**  
(52) **U.S. Cl.**  
USPC ..... **D8/382; D8/349**  
(58) **Field of Classification Search**  
USPC .... D6/672, 684, 680, 683.1, 703.5; D8/354, D8/355, 330, 331, 333, 380, 382  
CPC ..... F16B 5/00; F16B 5/02; F16B 12/50  
See application file for complete search history.

D603,249 S \* 11/2009 Richter ..... D8/380  
D604,143 S \* 11/2009 Shnayder ..... D8/349  
D628,539 S \* 12/2010 Tezak ..... D13/152  
D631,728 S \* 2/2011 Rainey ..... D8/349  
D664,027 S 7/2012 Vosika et al.  
8,221,041 B2\* 7/2012 Hauser ..... F16B 21/082  
411/349  
D679,170 S 4/2013 Else  
D729,041 S 5/2015 Smith  
D730,718 S \* 6/2015 Lin ..... D8/349  
D752,952 S 4/2016 Barz  
D840,787 S \* 2/2019 Pine ..... D8/349  
D847,607 S \* 5/2019 Granberg ..... D8/349  
D884,778 S \* 5/2020 Birkemeier ..... D16/245  
D887,817 S \* 6/2020 Belt ..... D8/349  
D891,232 S \* 7/2020 Zhang ..... D8/354  
2012/0073089 A1 3/2012 Buillas  
2012/0124792 A1 5/2012 Ooki  
2014/0319854 A1 10/2014 Lee

\* cited by examiner

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(57) **CLAIM**

We claim the ornamental design for a twist fastener, as shown and described.

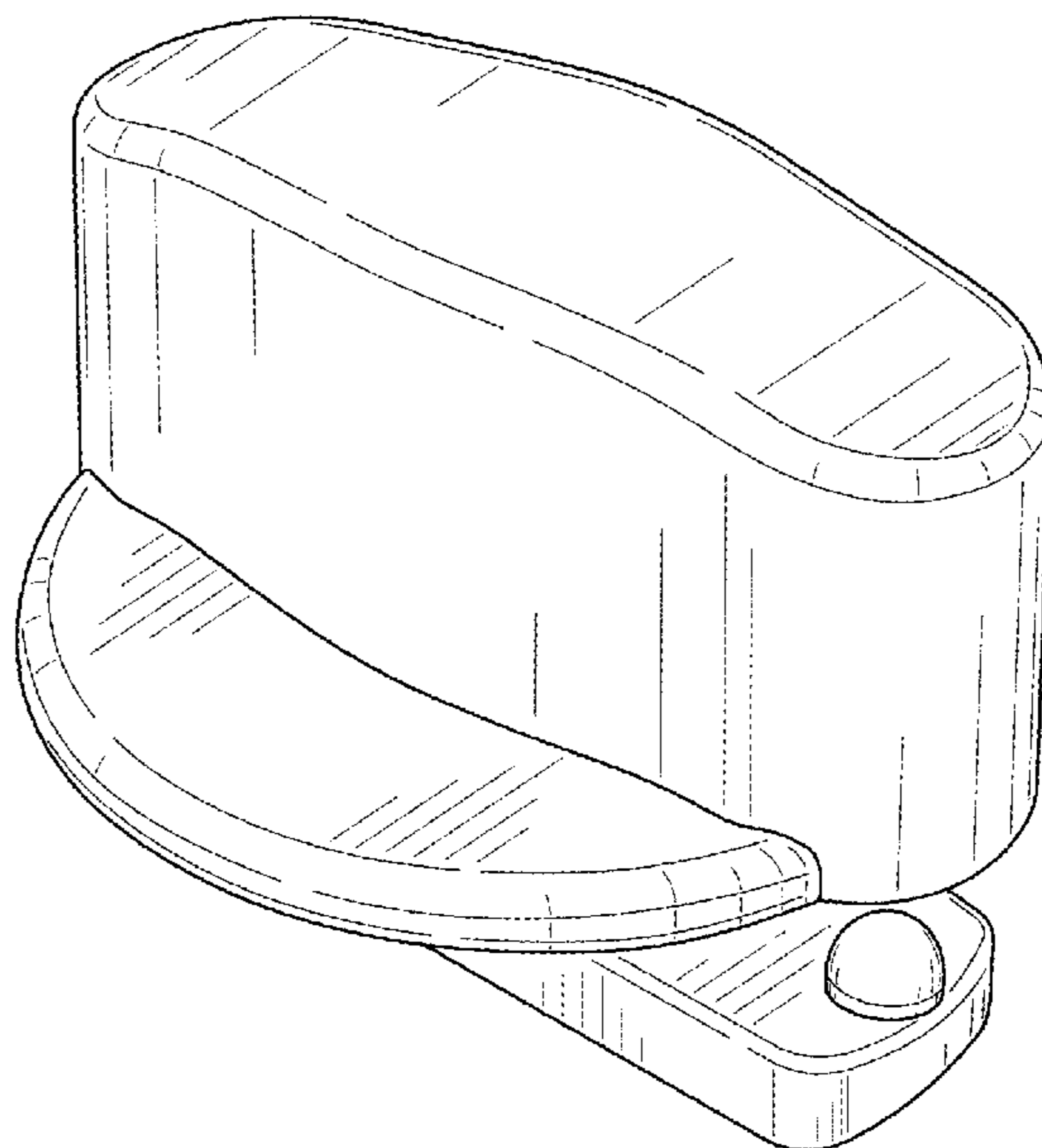
**DESCRIPTION**

FIG. 1 is a front isometric view of a twist fastener showing our new design  
FIG. 2 is a front elevational view thereof.  
FIG. 3 is rear elevational view thereof.  
FIG. 4 is left elevational view thereof.  
FIG. 5 is right elevational view thereof.  
FIG. 6 is a top plan view thereof; and,  
FIG. 7 a bottom plan view thereof.  
The surface shading in FIGS. 1-7 shows contour of the three-dimensional aspects of the design.

**1 Claim, 4 Drawing Sheets**

(56) **References Cited**  
U.S. PATENT DOCUMENTS

D247,801 S 5/1978 Bulanda et al.  
D269,590 S 7/1983 Jansso  
4,762,437 A 8/1988 Mitomi  
D299,239 S \* 1/1989 Henningsen ..... D15/28  
D299,240 S \* 1/1989 Henningsen ..... D15/28  
D358,544 S \* 5/1995 Esworthy ..... D12/49  
D409,895 S \* 5/1999 Schron, Jr. .... D8/349  
D423,909 S \* 5/2000 Hartin ..... D8/349  
6,237,970 B1 5/2001 Joannou  
6,474,921 B1\* 11/2002 Gordon ..... F16B 1/0071  
411/45  
7,179,013 B2\* 2/2007 Benedetti ..... F16B 5/123  
24/292  
7,303,800 B2 12/2007 Rogers



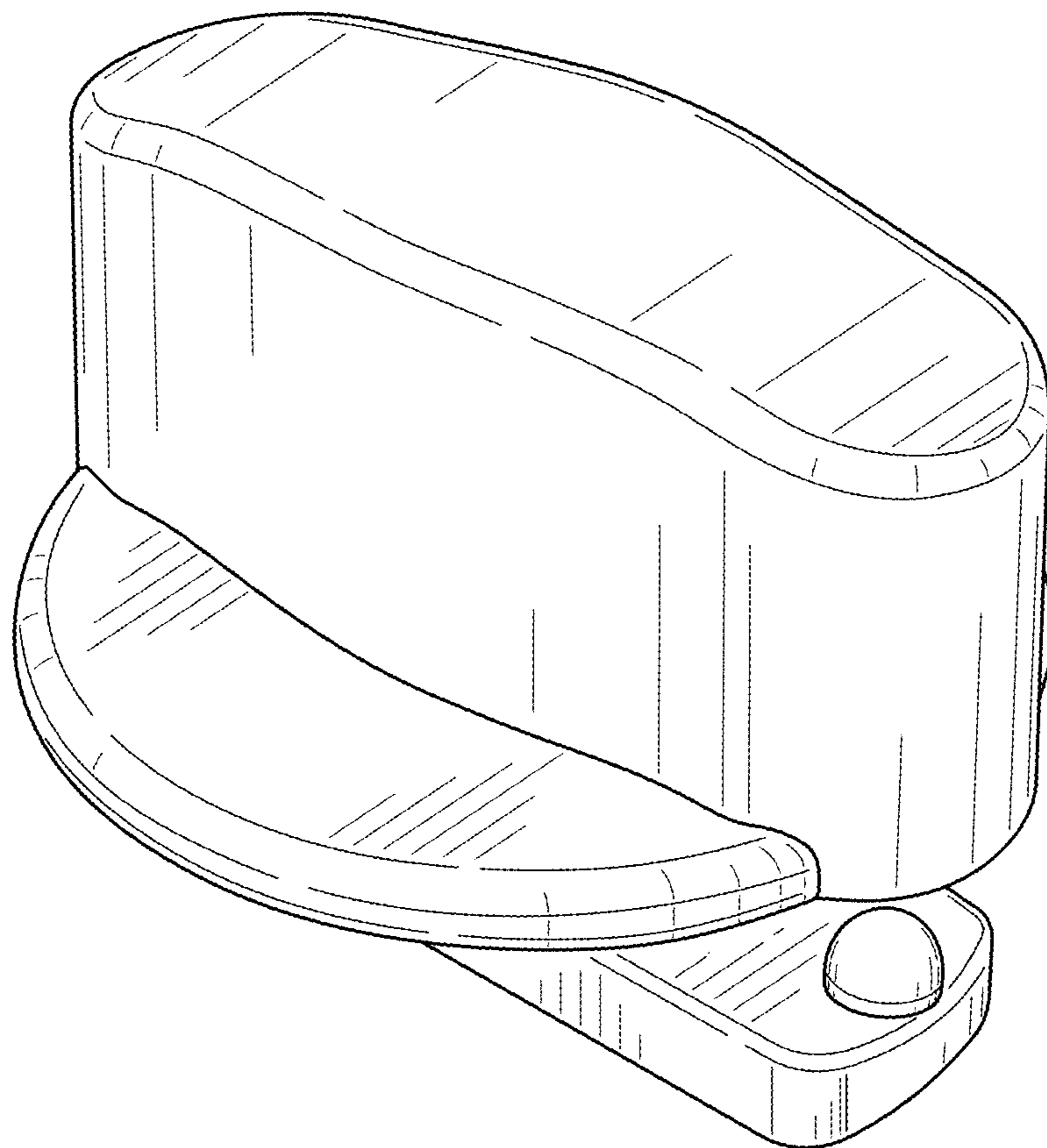


FIG. 1

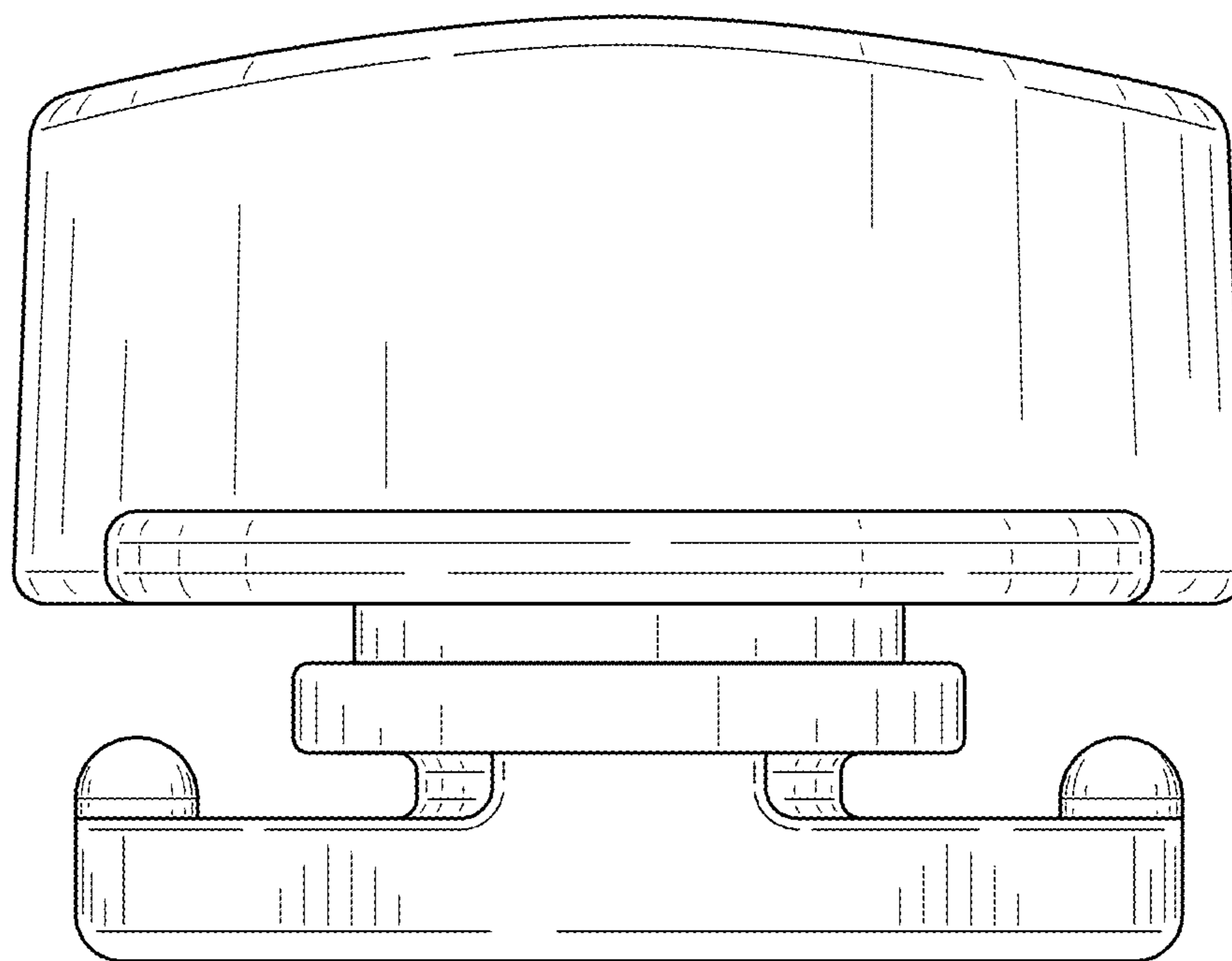


FIG. 2

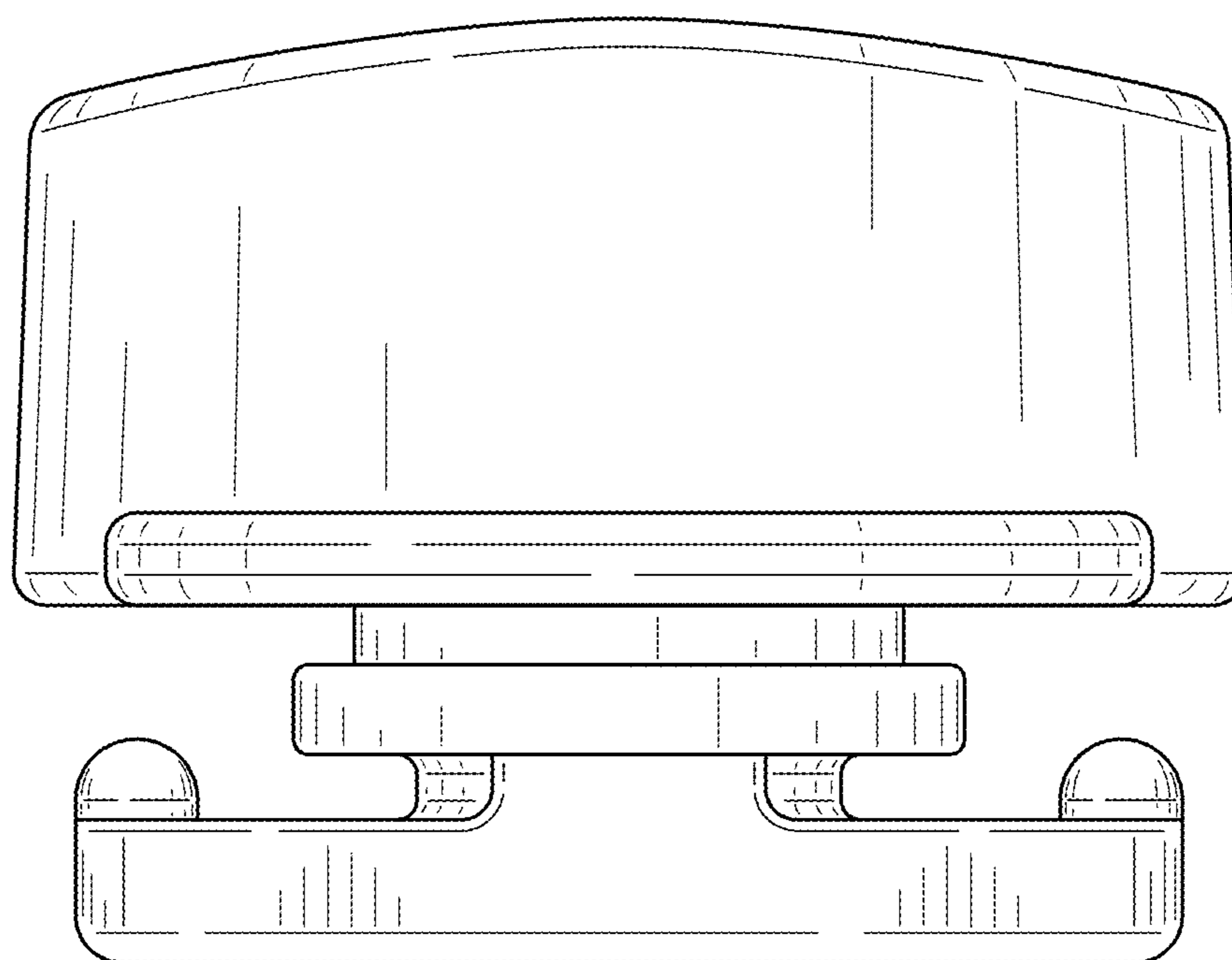


FIG. 3

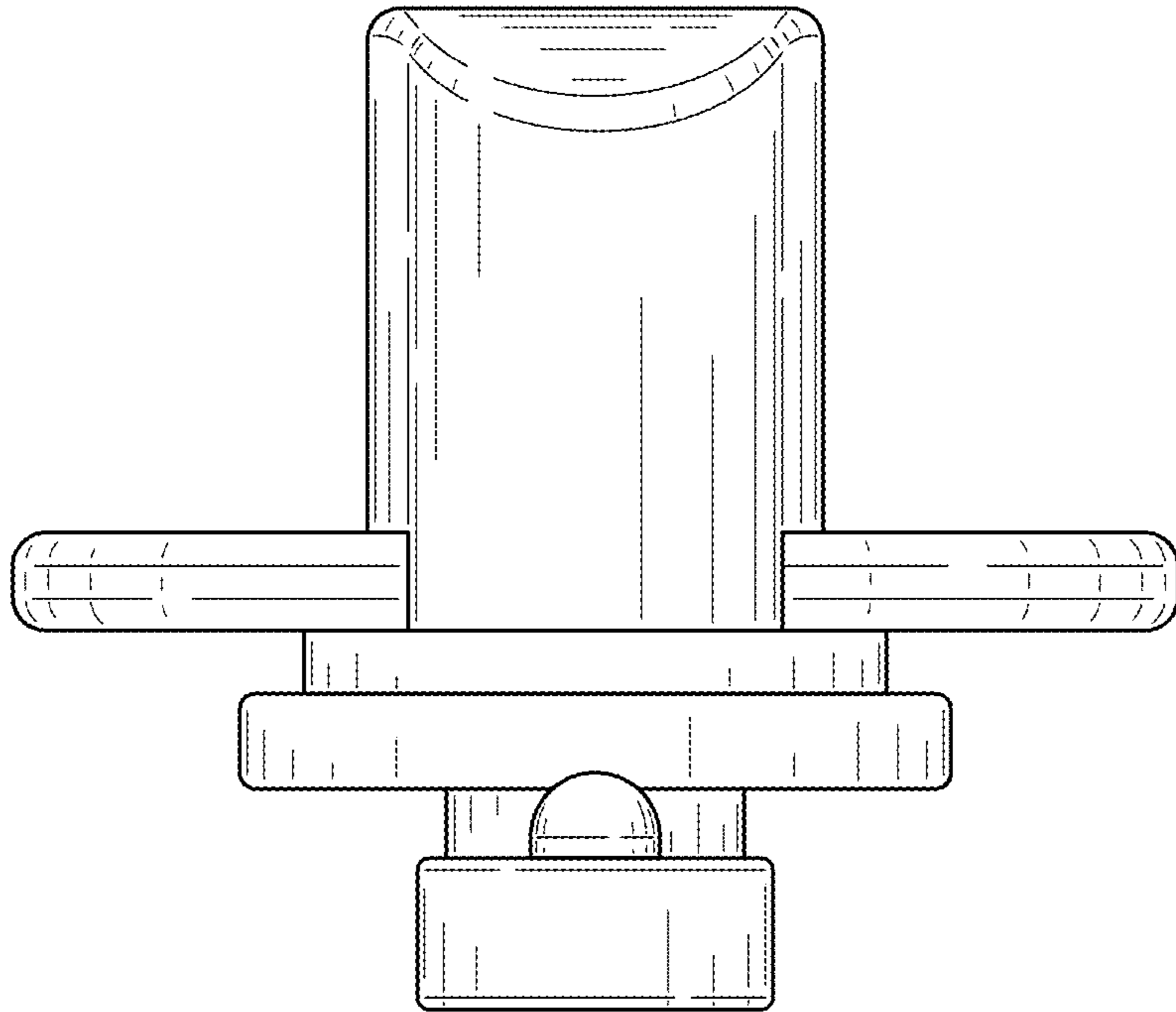


FIG. 4

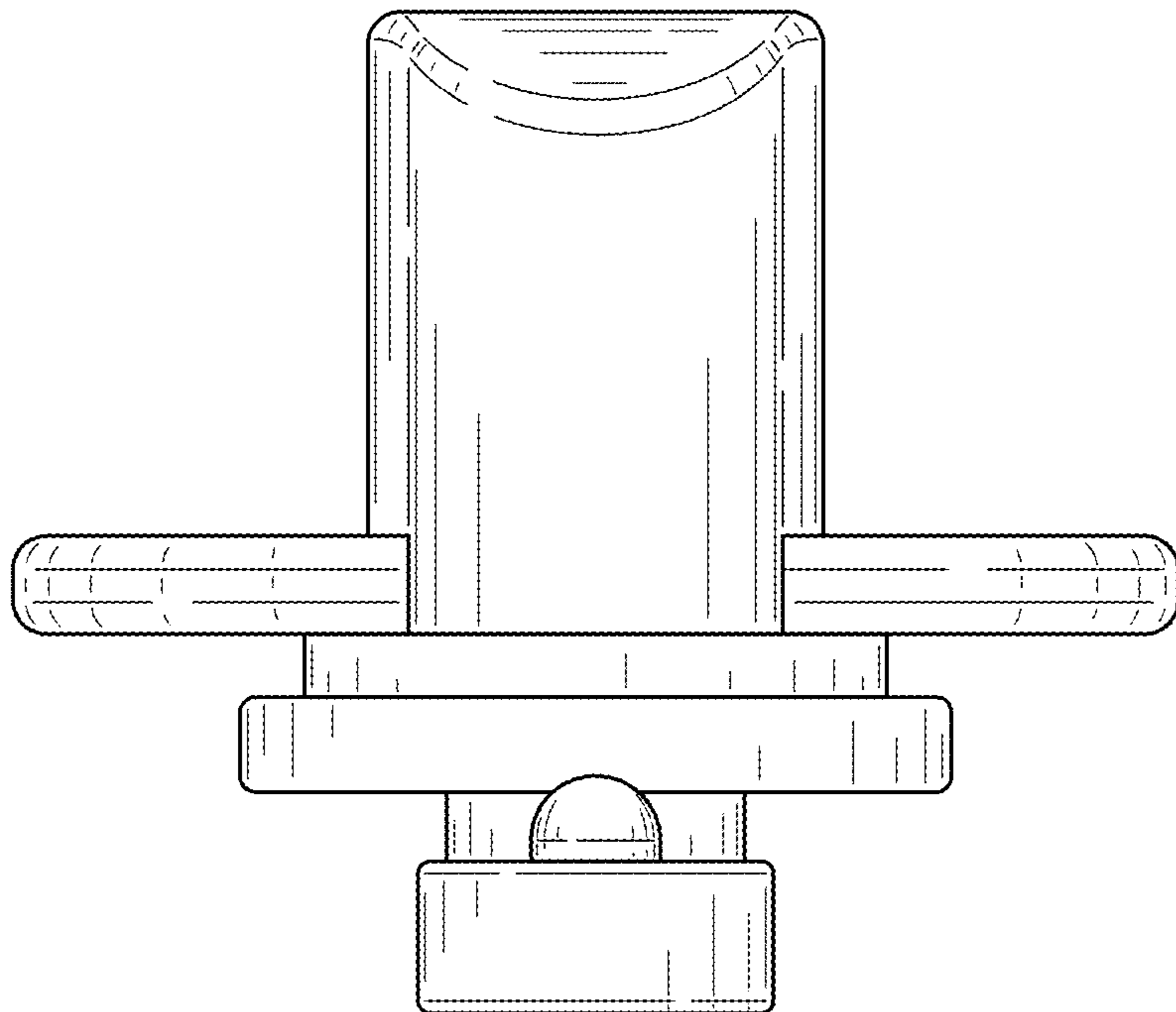


FIG. 5

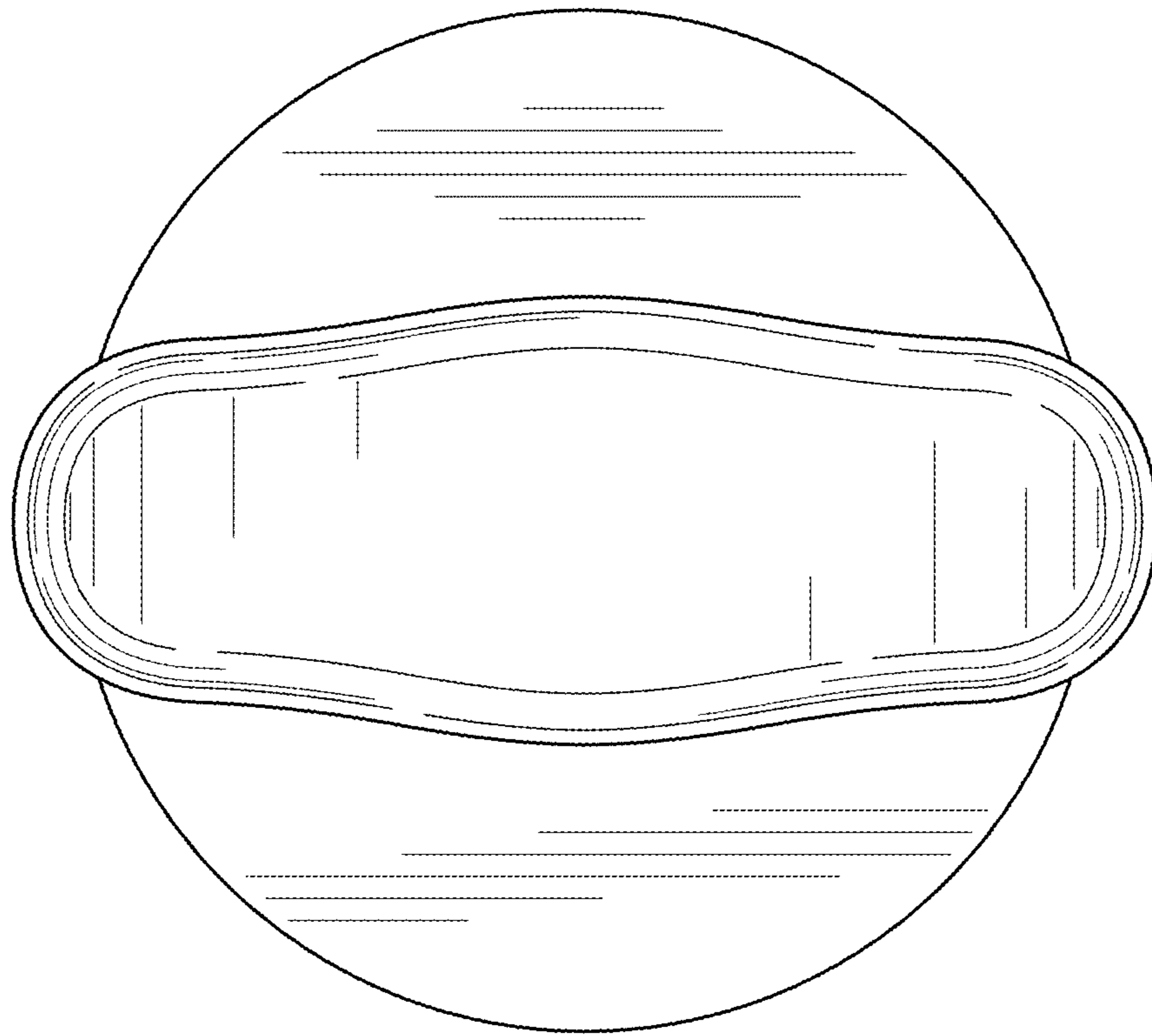


FIG. 6

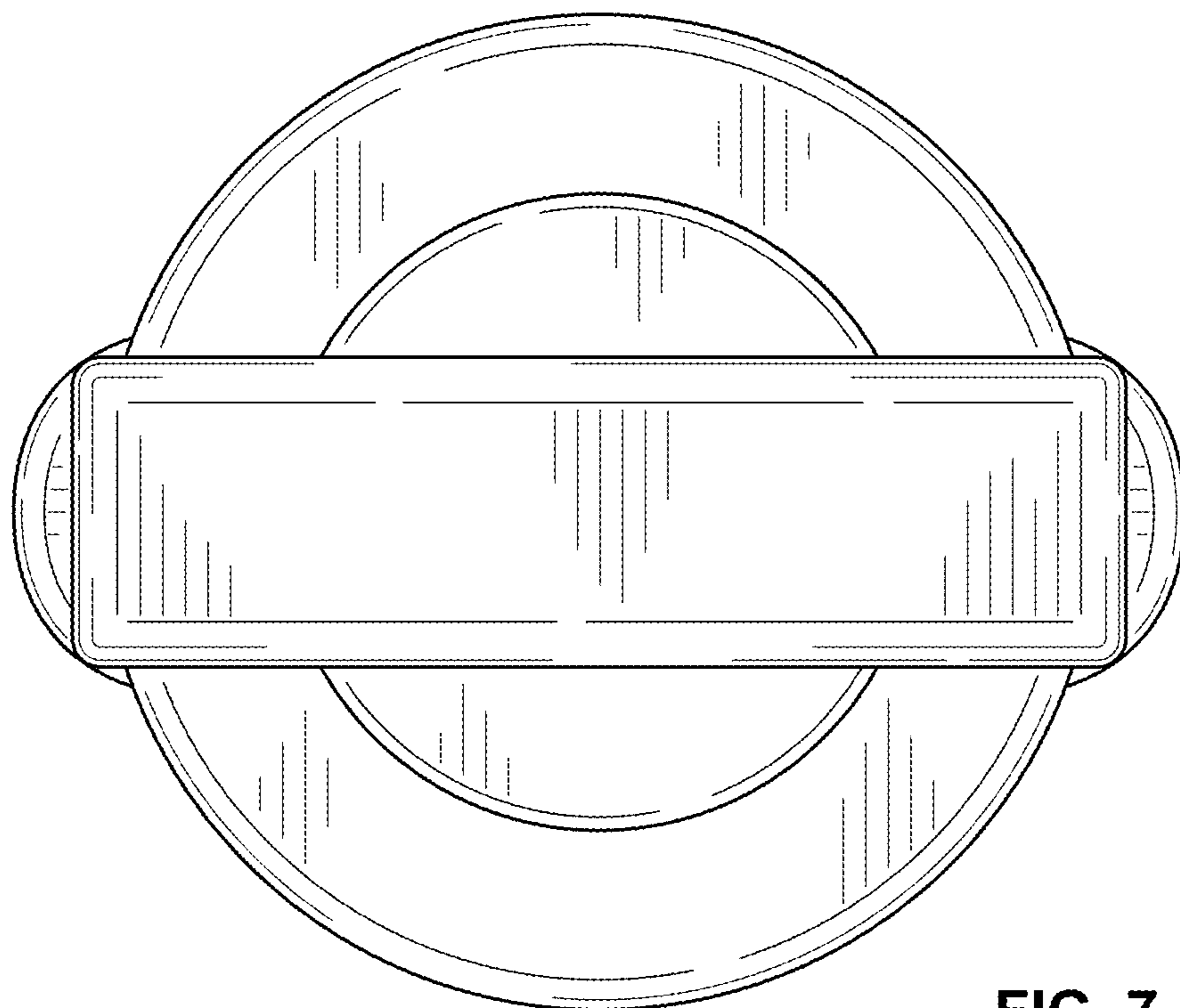


FIG. 7