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(12) **United States Design Patent** (10) **Patent No.:** **US D790,545 S**
Dannenberg et al. (45) **Date of Patent:** **** Jun. 27, 2017**

(54) **JOYSTICK**

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(**) Term: **15 Years**

(21) Appl. No.: **29/536,884**

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(51) **LOC (10) Cl.** **14-03**

(52) **U.S. Cl.**
USPC **D14/413**

(58) **Field of Classification Search**
USPC D14/399-401, 412-416, 217, 218, 356, D14/432-434, 454, 496; D21/324, 332, D21/333; 273/148 B; 463/1, 29-25, 46, 463/47; 345/156-161, 905; D12/174, D12/178-180; 74/489, 551.8, 551.9; D13/168
CPC A63F 9/00; A63F 9/24; A63F 13/00; A63F 13/02; A63F 9/25
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

4,501,424 A *	2/1985	Stone	G06F 3/0338
				200/17 R
5,213,327 A *	5/1993	Kitaue	G05G 9/04785
				463/38
D357,947 S	5/1995	Richer		
D366,655 S	1/1996	Sanchez et al.		
5,515,044 A *	5/1996	Glatt	H03K 17/9625
				341/20
5,558,329 A *	9/1996	Liu	A63F 13/06
				273/148 B

(Continued)

OTHER PUBLICATIONS

BMW Technology Guide: iDrive, http://www.bmw.com/com/en/insights/technology/technology_guide/articles/idrive, website visited Jun. 10, 2015.

(Continued)

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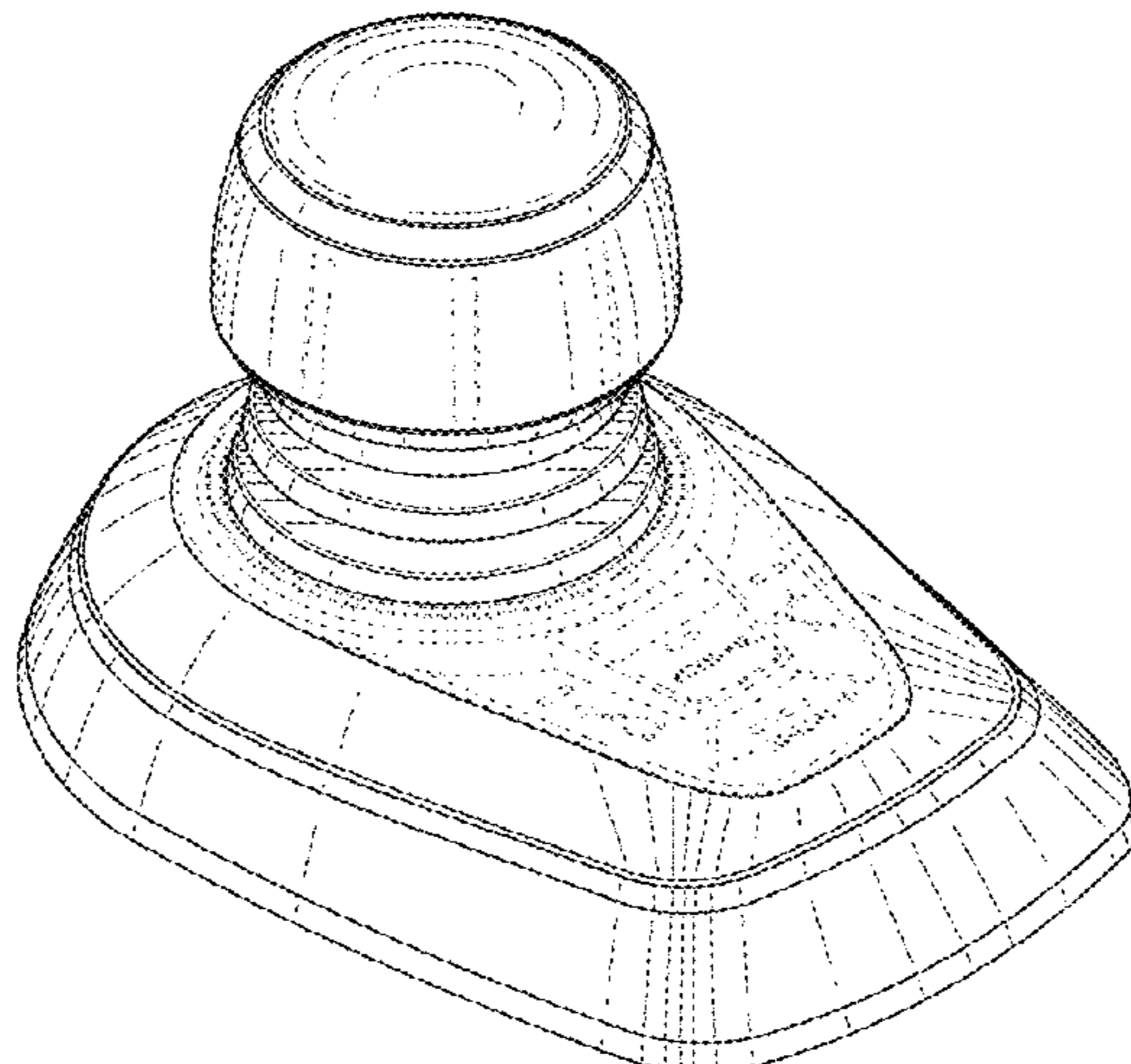
(57) **CLAIM**

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

DESCRIPTION

FIG. 1 is a front perspective view of the joystick showing our new design;
FIG. 2 is a top plan view thereof;
FIG. 3 is a left side elevation view thereof;
FIG. 4 is a right side elevation view thereof;
FIG. 5 is a front side elevation view thereof;
FIG. 6 is a back side elevation view thereof;
FIG. 7 is a front perspective view of a second embodiment thereof;
FIG. 8 is a top plan view thereof;
FIG. 9 is a left side elevation view thereof;
FIG. 10 is a right side elevation view thereof;
FIG. 11 is a front side elevation view thereof; and,
FIG. 12 is a back side elevation view thereof.
The bottom side of the joystick design is non-ornamented and not shown, and forms no part of the claimed design. The broken lines in the FIGURES are for illustrative purposes only and show portions of the joystick, including user interface elements, that form no portion of the claimed design.

1 Claim, 8 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

5,749,577 A * 5/1998 Couch A63F 13/06
 273/148 B
 5,786,807 A * 7/1998 Couch A63F 13/06
 273/148 B
 5,982,355 A 11/1999 Jaeger et al.
 6,068,554 A * 5/2000 Tyler G05G 9/047
 345/161
 D428,012 S * 7/2000 Cavacuiti D14/413
 D444,785 S 7/2001 Whitehorn et al.
 D449,614 S 10/2001 Osborn et al.
 6,826,042 B2 11/2004 Oross et al.
 6,896,563 B1 5/2005 Dickson
 D558,767 S 1/2008 Solland
 D598,023 S 8/2009 Miller et al.
 D599,829 S 9/2009 Jorgensen et al.
 8,060,265 B2 11/2011 Hallenstvedt et al.
 D658,184 S * 4/2012 Chang D14/413
 D693,346 S 11/2013 Coulter
 D698,357 S 1/2014 Mainville et al.

8,700,238 B2 4/2014 Hiramatsu
 D706,268 S * 6/2014 Beams D14/413
 8,925,414 B1 1/2015 Park et al.
 D723,559 S * 3/2015 Hein D14/413
 D728,571 S * 5/2015 Perris D14/399
 D735,722 S * 8/2015 Amann D14/413
 2008/0288093 A1 11/2008 Kamentser et al.
 2008/0308400 A1 12/2008 States et al.
 2009/0055003 A1 2/2009 Tunick et al.
 2011/0279370 A1 11/2011 Wang et al.

OTHER PUBLICATIONS

Joystick driving—EVC Options: Volvo Penta, http://volvopenta.com/volvopenta/east_europe/en-ee/marine_leisure_engines/accessories, website visited Jun. 10, 2015.
 SeaStar Solutions, Optimus 360 Joystick Control System, <http://www.seastarsolutions.com/products/electronic-power-steering/optimus-360-outboard>, website visited Jun. 10, 2015.

* cited by examiner

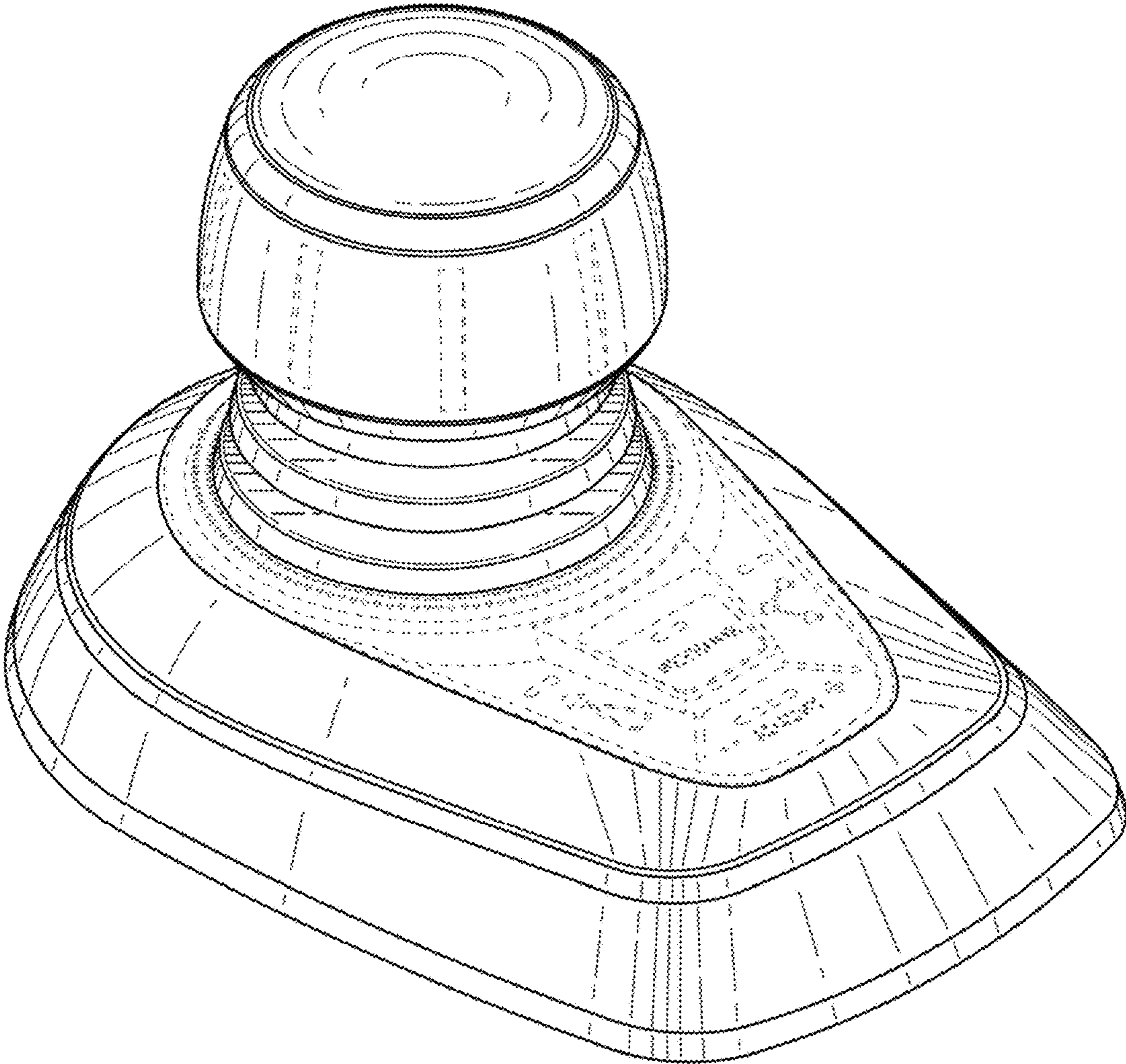


FIG. 1

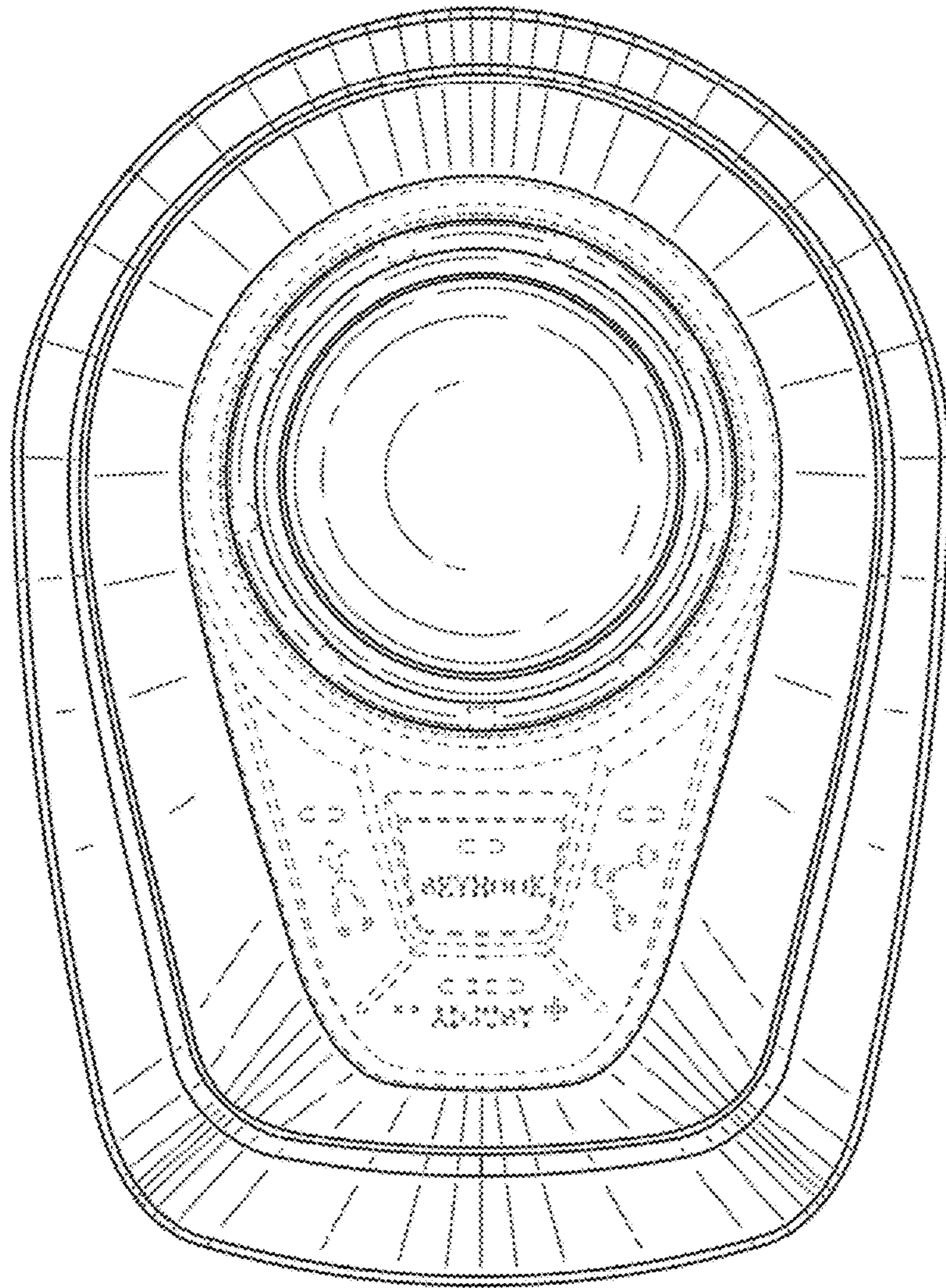


FIG. 2

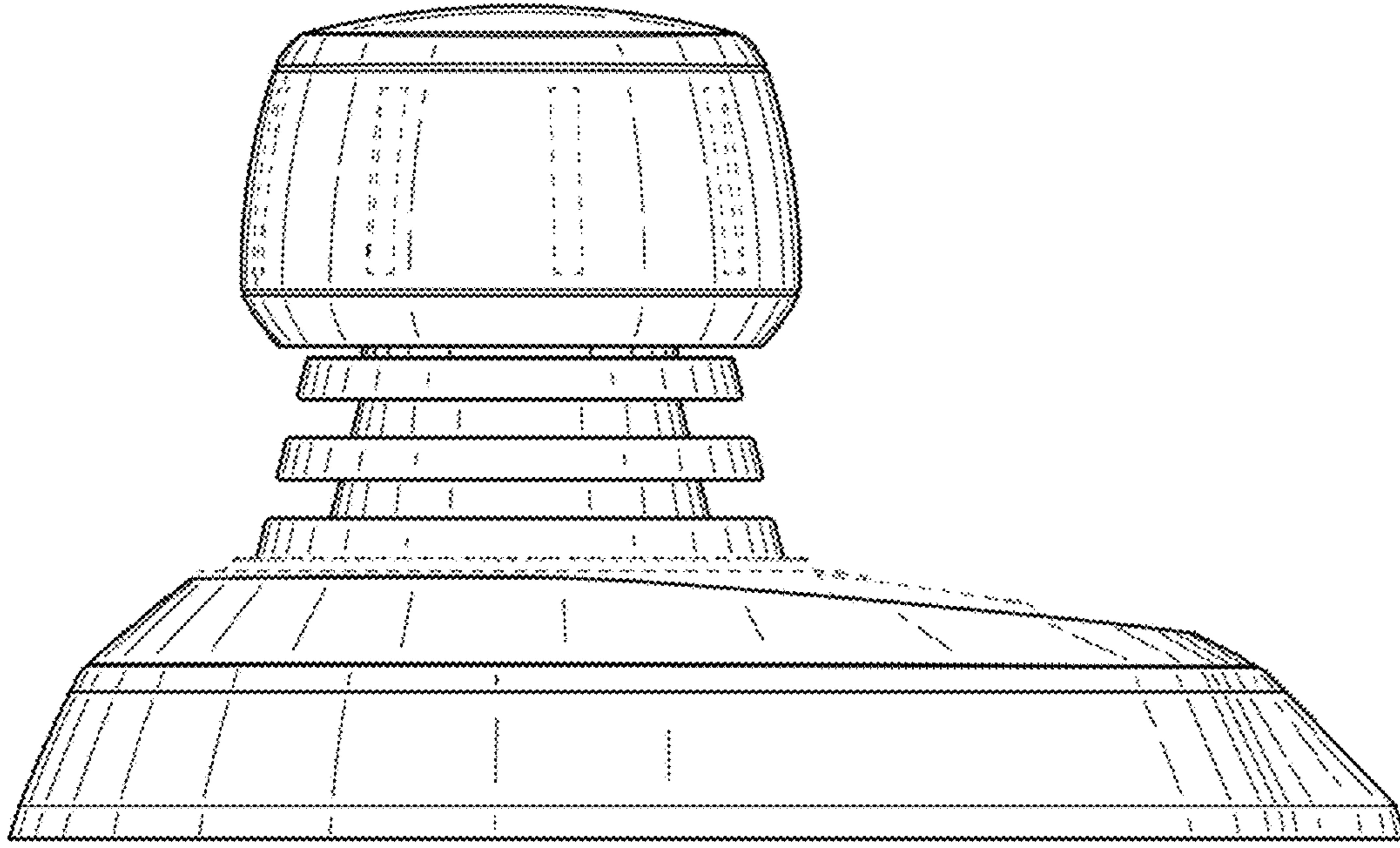


FIG. 3

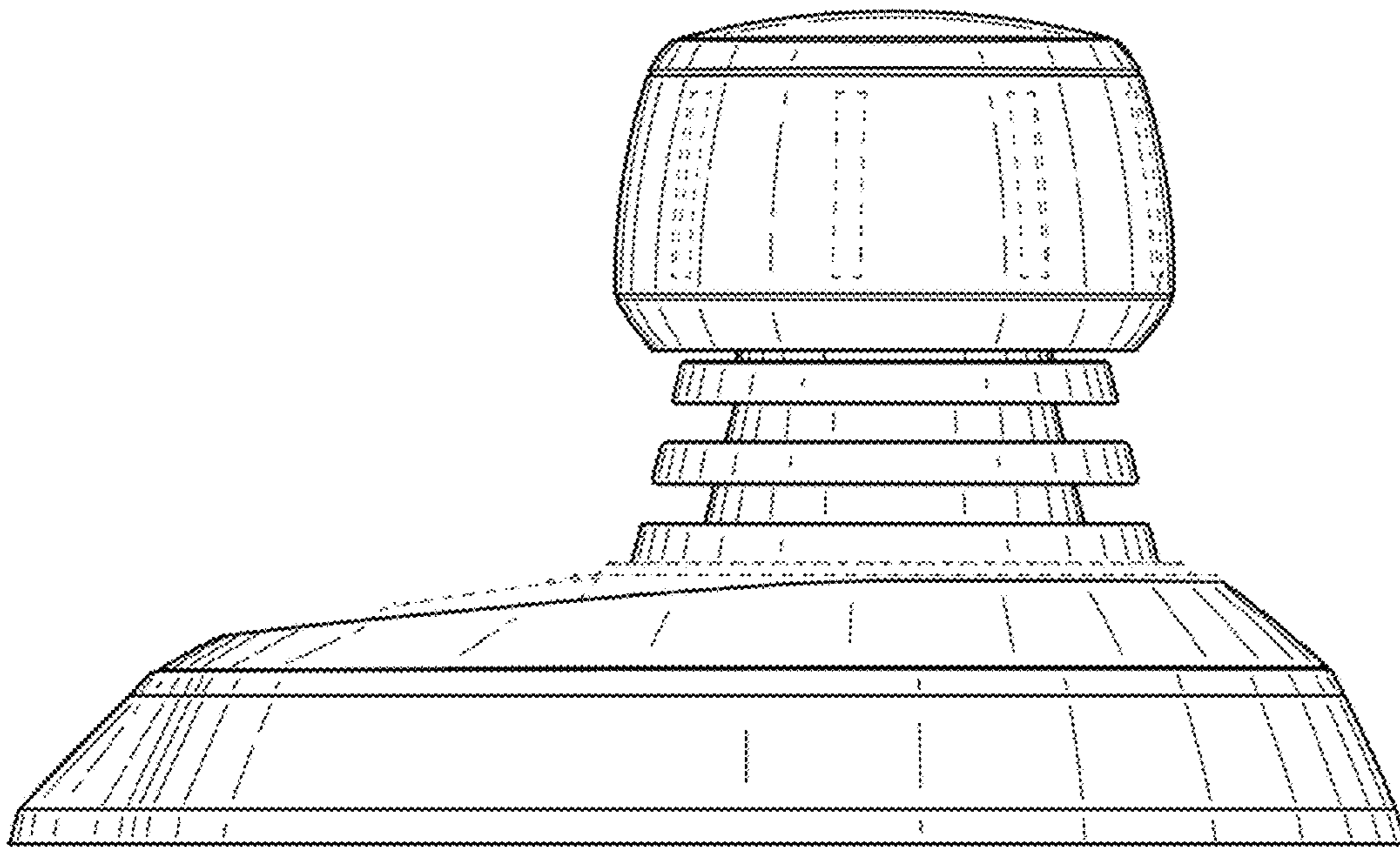


FIG. 4

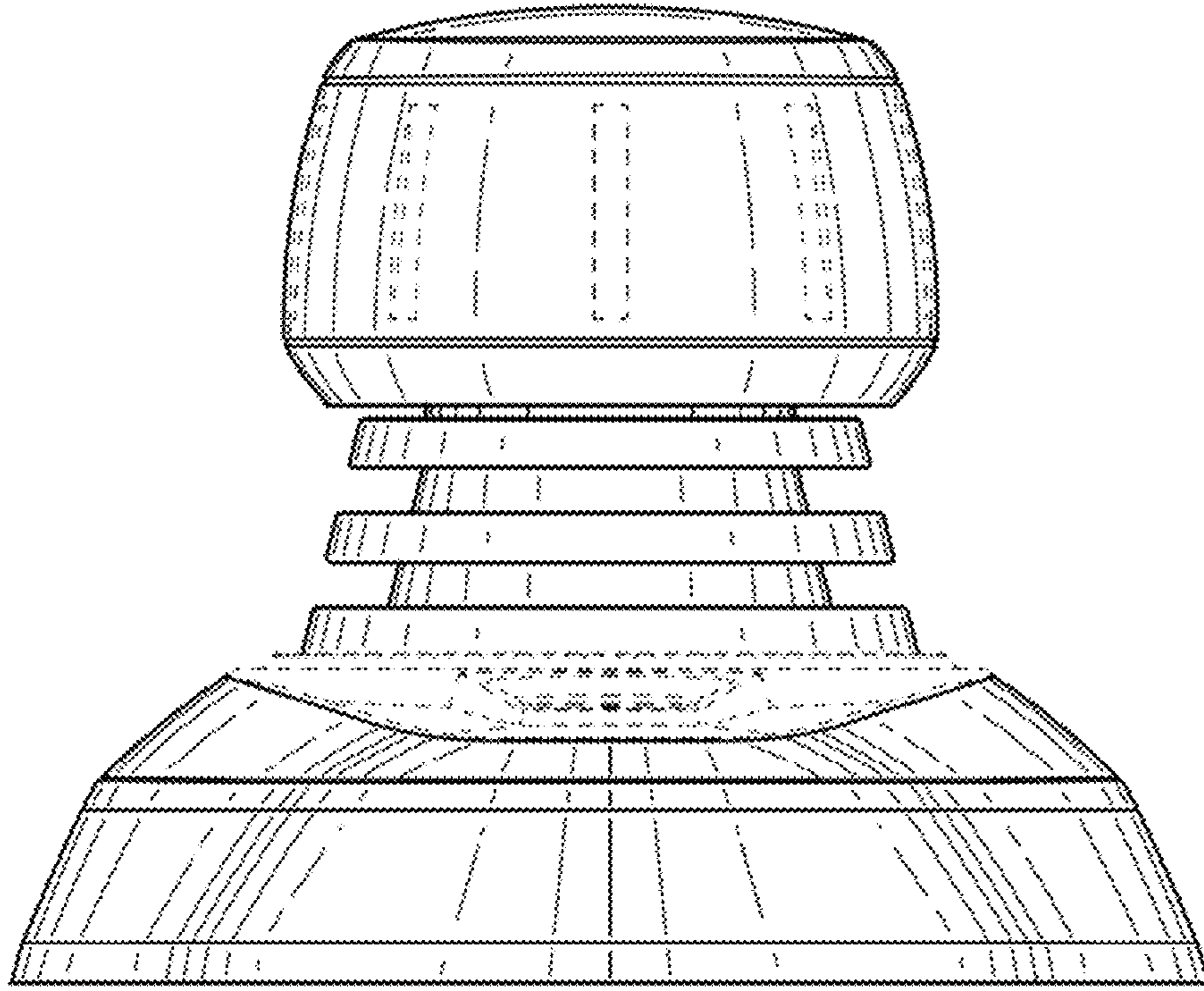


FIG. 5

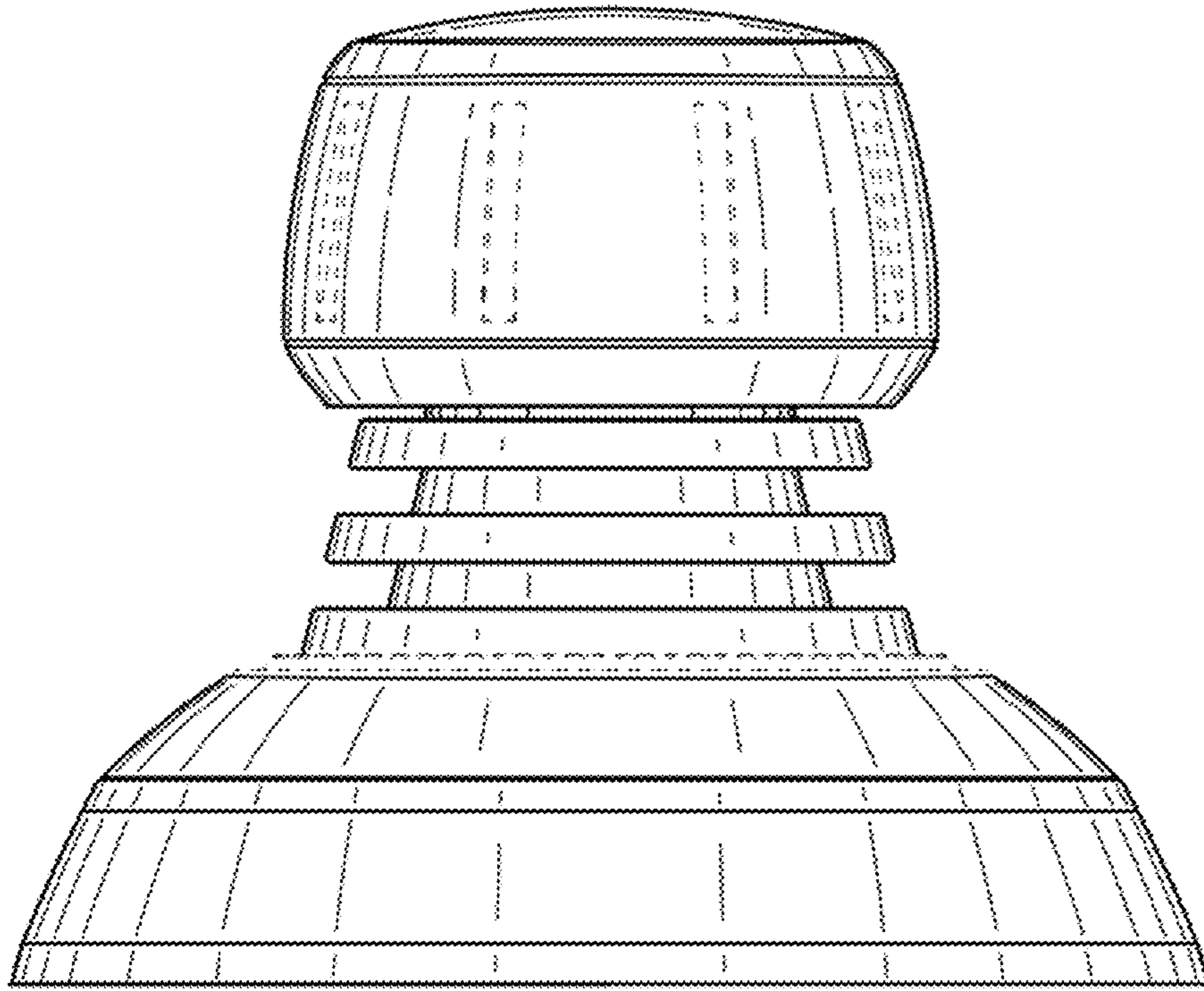


FIG. 6

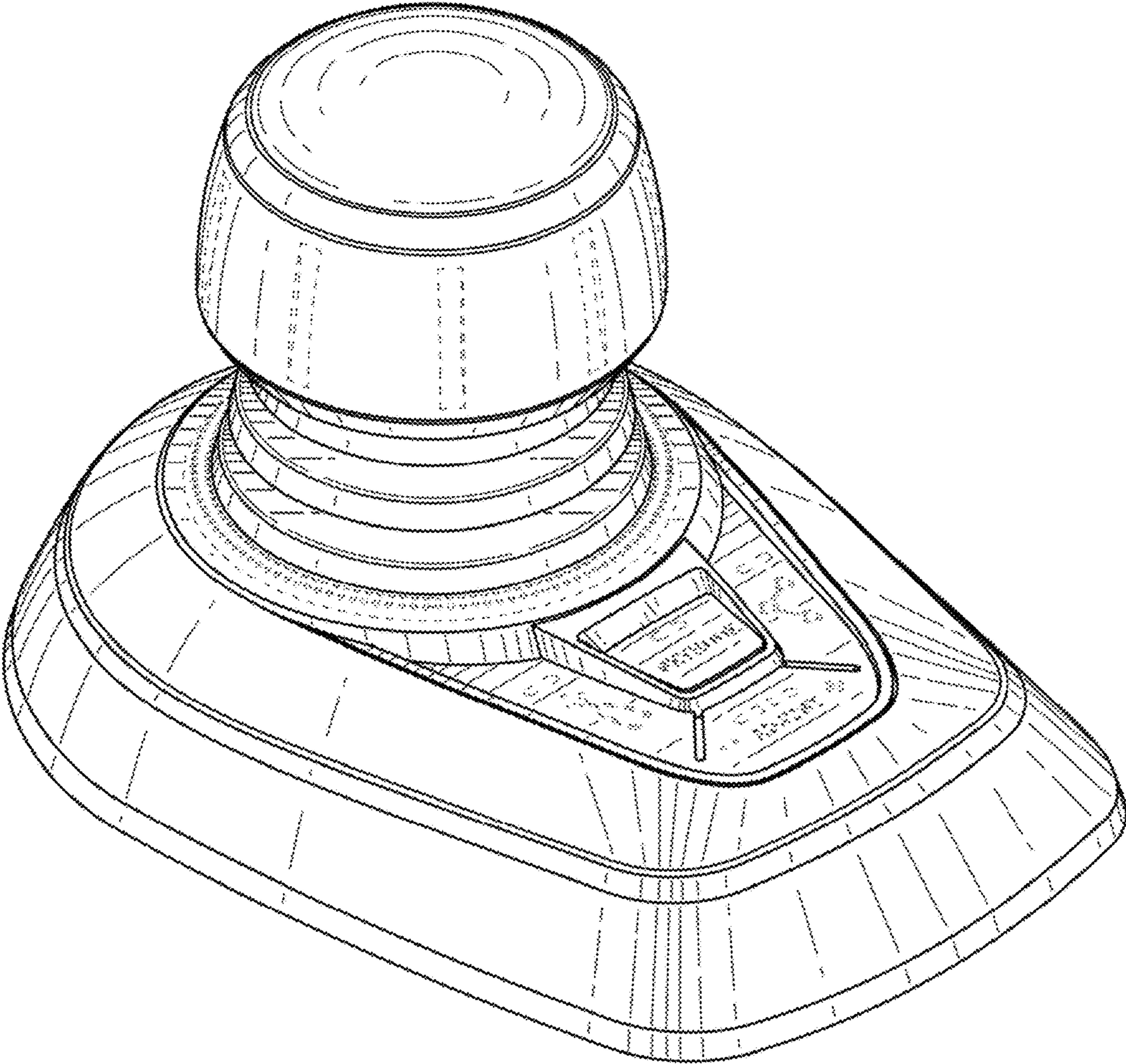


FIG. 7

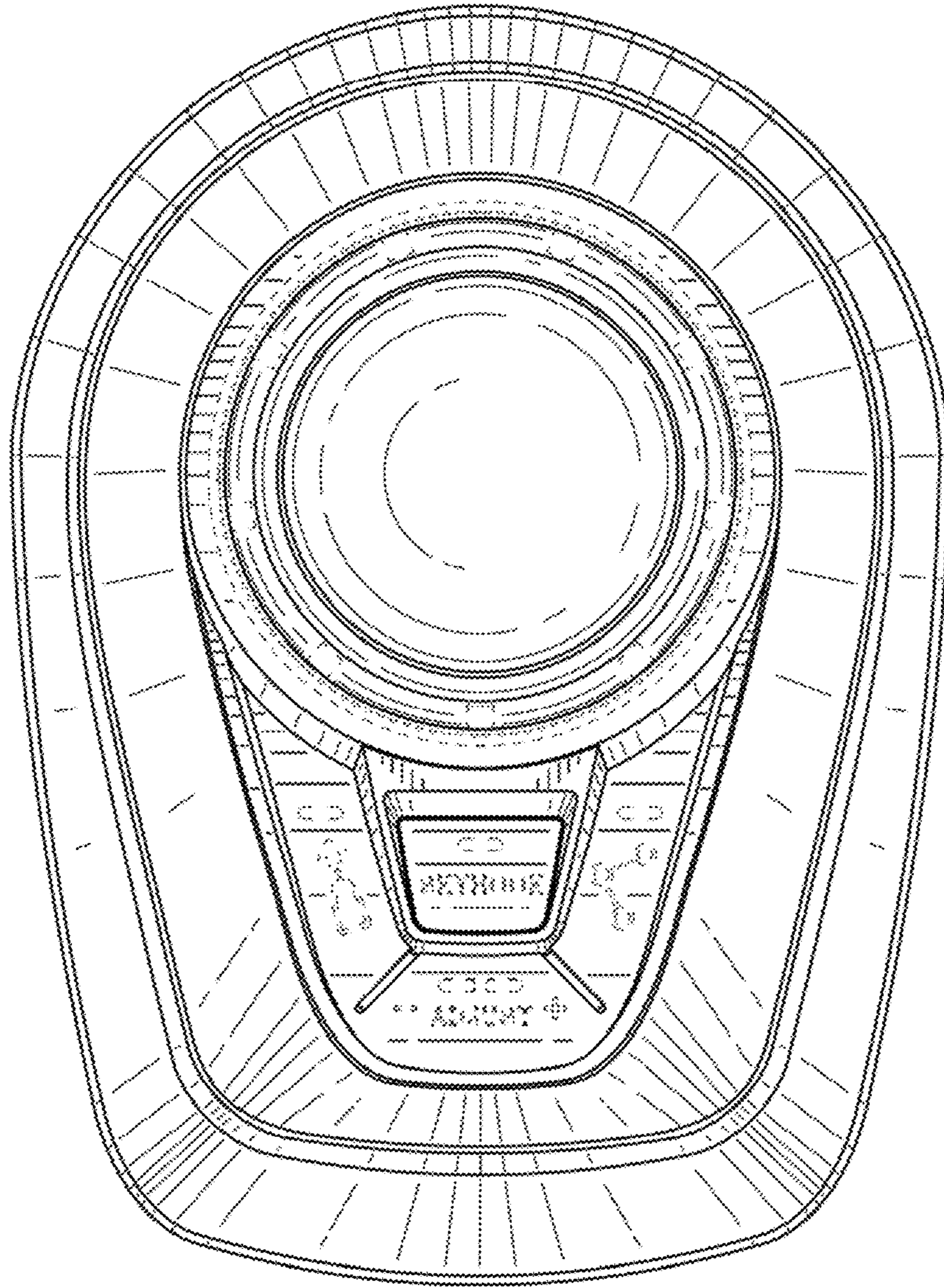


FIG. 8

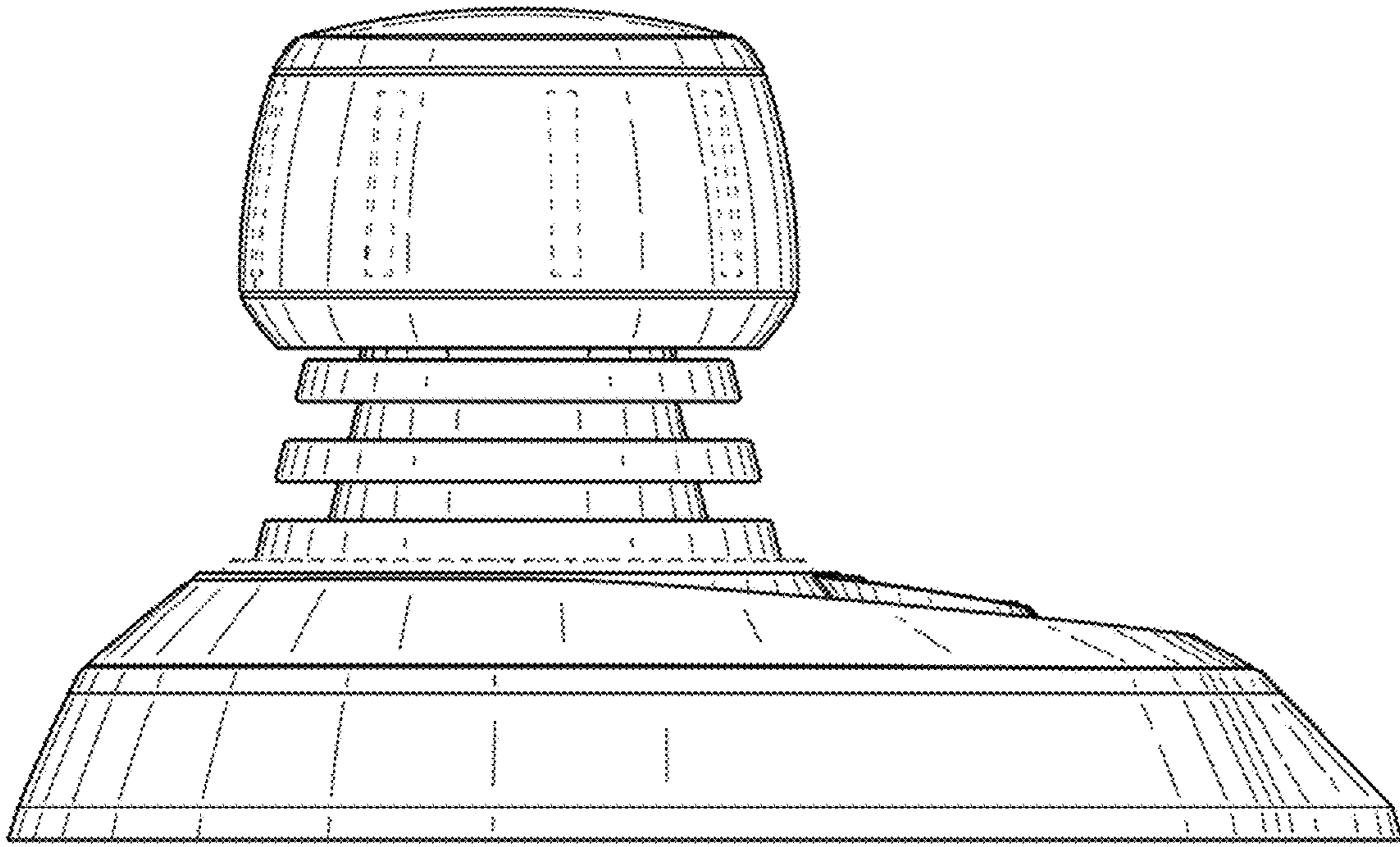


FIG. 9

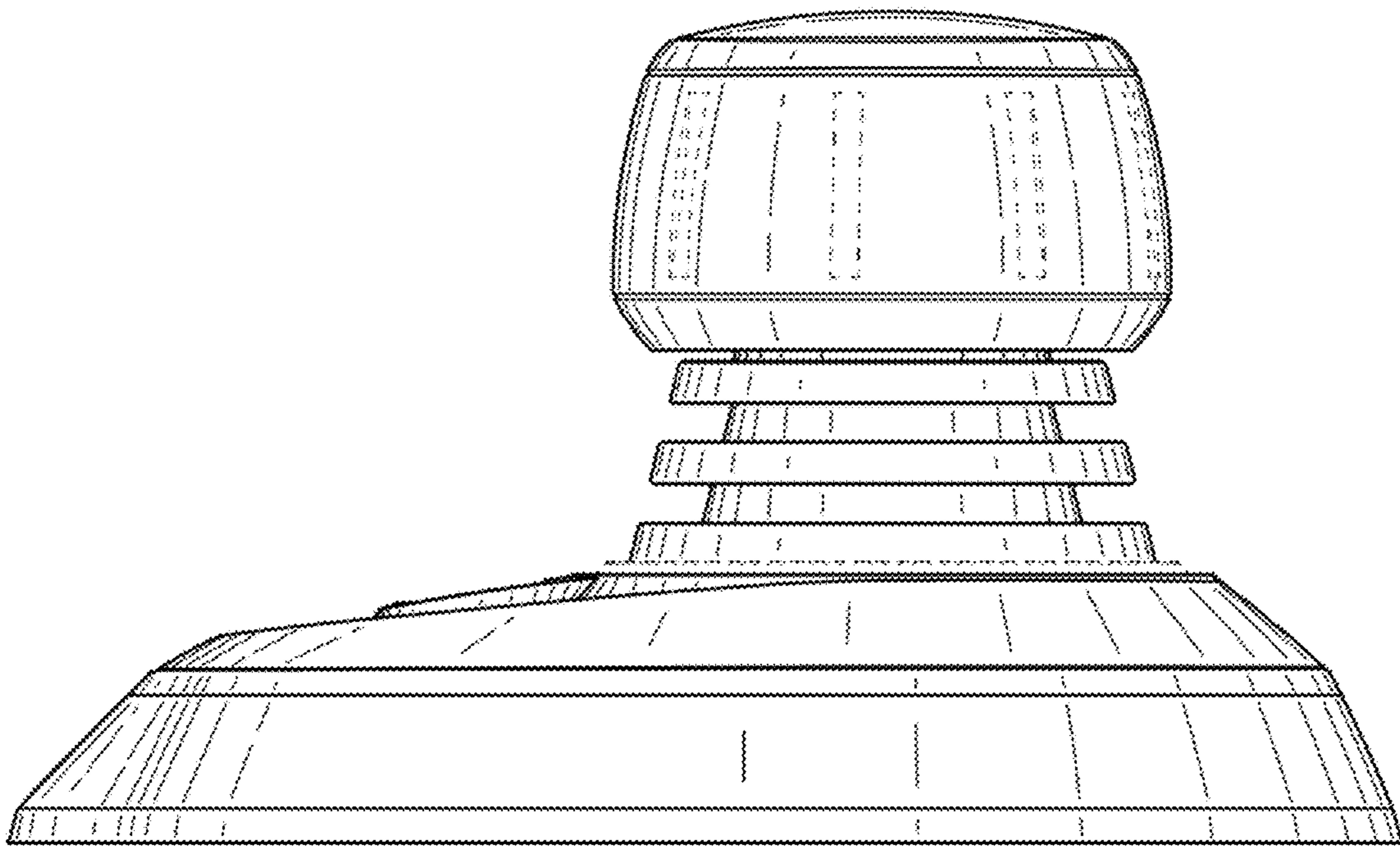


FIG. 10

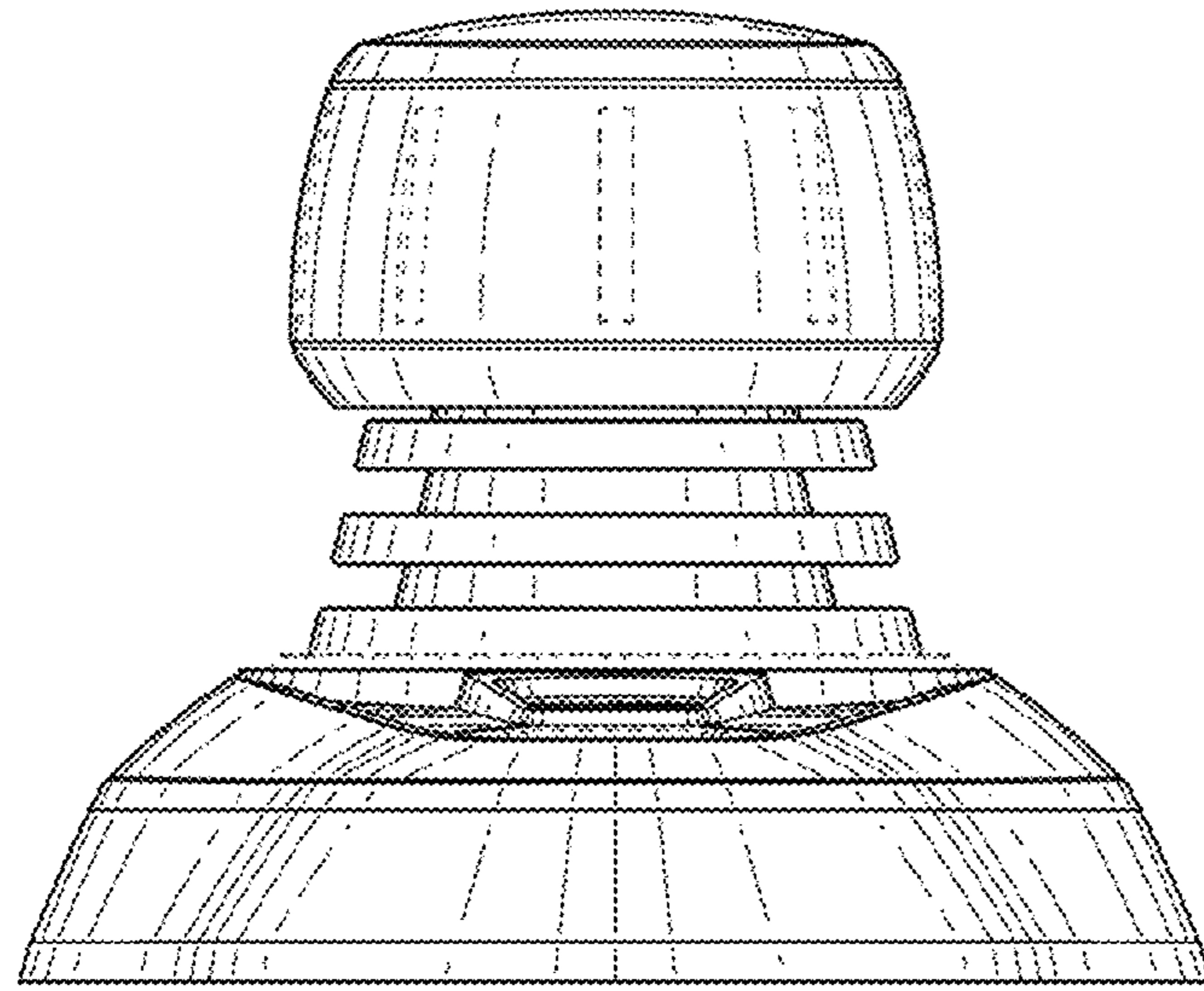


FIG. 11

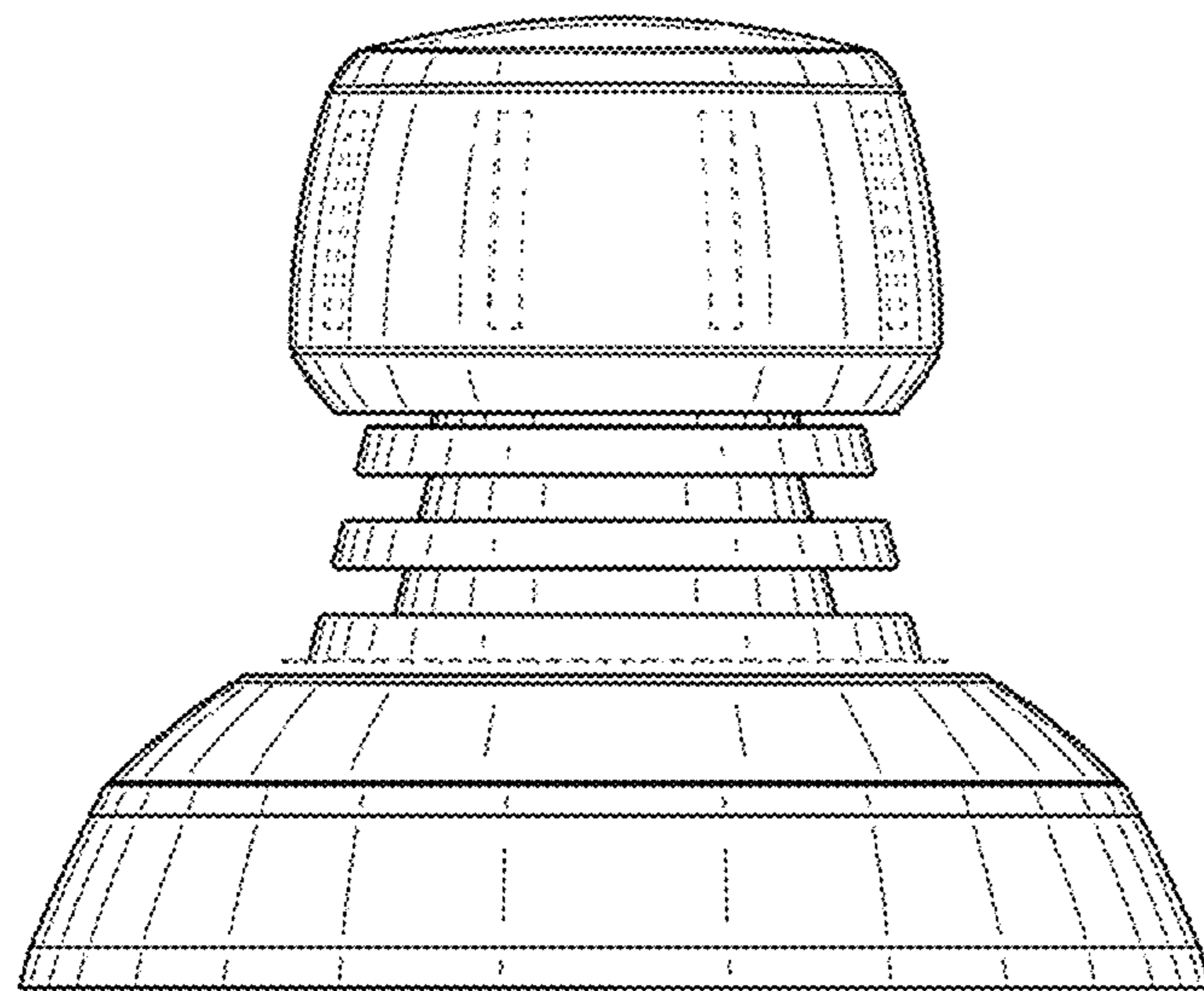


FIG. 12