



US00D719139S

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

(10) **Patent No.:** **US D719,139 S**  
(45) **Date of Patent:** **\*\* Dec. 9, 2014**

(54) **HEARING PROTECTOR HOUSING**

(71) Applicant: **3M Innovative Properties Company**,  
St. Paul, MN (US)

(72) Inventors: **Paul D. Henry**, Carmel, IN (US);  
**Michael J. Pescetto**, Spring, TX (US)

(73) Assignee: **3M Innovative Properties Company**,  
St. Paul, MN (US)

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

(21) Appl. No.: **29/473,006**

(22) Filed: **Nov. 18, 2013**

(51) **LOC (10) Cl.** ..... **14-01**

(52) **U.S. Cl.**  
USPC ..... **D14/223**

(58) **Field of Classification Search**  
CPC ..... H04R 1/10  
USPC ..... D14/223, 205, 218, 240, 192, 408;  
D3/207; D10/78, 81; D13/110, 168;  
D24/174; 128/864; 381/322, 328, 325,  
381/380, 381, 72; D9/436

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D106,823	S	*	11/1937	Sears	.....	D24/174
2,248,837	A	*	7/1941	Walters	.....	381/380
2,763,334	A		9/1956	Starkey		
2,971,065	A		2/1961	Busse		
3,097,059	A		7/1963	Hoffman		
D206,665	S	*	1/1967	Sanzone	.....	D24/174
D208,784	S	*	10/1967	Sanzone	.....	D24/174
3,440,365	A	*	4/1969	Hazell et al.	.....	379/430
D219,028	S	*	10/1970	Miller et al.	.....	D14/218
4,537,187	A		8/1985	Scott		
4,702,238	A		10/1987	Scott		
4,736,435	A		4/1988	Yokoyama		

D354,489	S	*	1/1995	Patton et al.	.....	D14/218
D375,258	S	*	11/1996	Weder et al.	.....	D9/414
D382,307	S	*	8/1997	Sharpe et al.	.....	D21/405
5,659,156	A		8/1997	Mauney		
5,748,743	A	*	5/1998	Weeks	.....	381/328
D411,190	S	*	6/1999	McMahon et al.	.....	D14/408

(Continued)

**FOREIGN PATENT DOCUMENTS**

CA	2188260	11/1995
EP	1652366	5/2006

(Continued)

**OTHER PUBLICATIONS**

U.S. Appl. No. 29/473,001, Henry et al., entitled Hearing Protector windscreen, filed Nov. 18, 2013.

(Continued)

*Primary Examiner* — Paula Greene

(74) *Attorney, Agent, or Firm* — Kristofor L. Storvick

(57) **CLAIM**

The ornamental design for a hearing protector housing, as shown and described.

**DESCRIPTION**

FIG. 1 is a top perspective view showing the new design for a hearing protector housing;

FIG. 2 is a front view thereof;

FIG. 3 is a back view thereof;

FIG. 4 is a top view thereof;

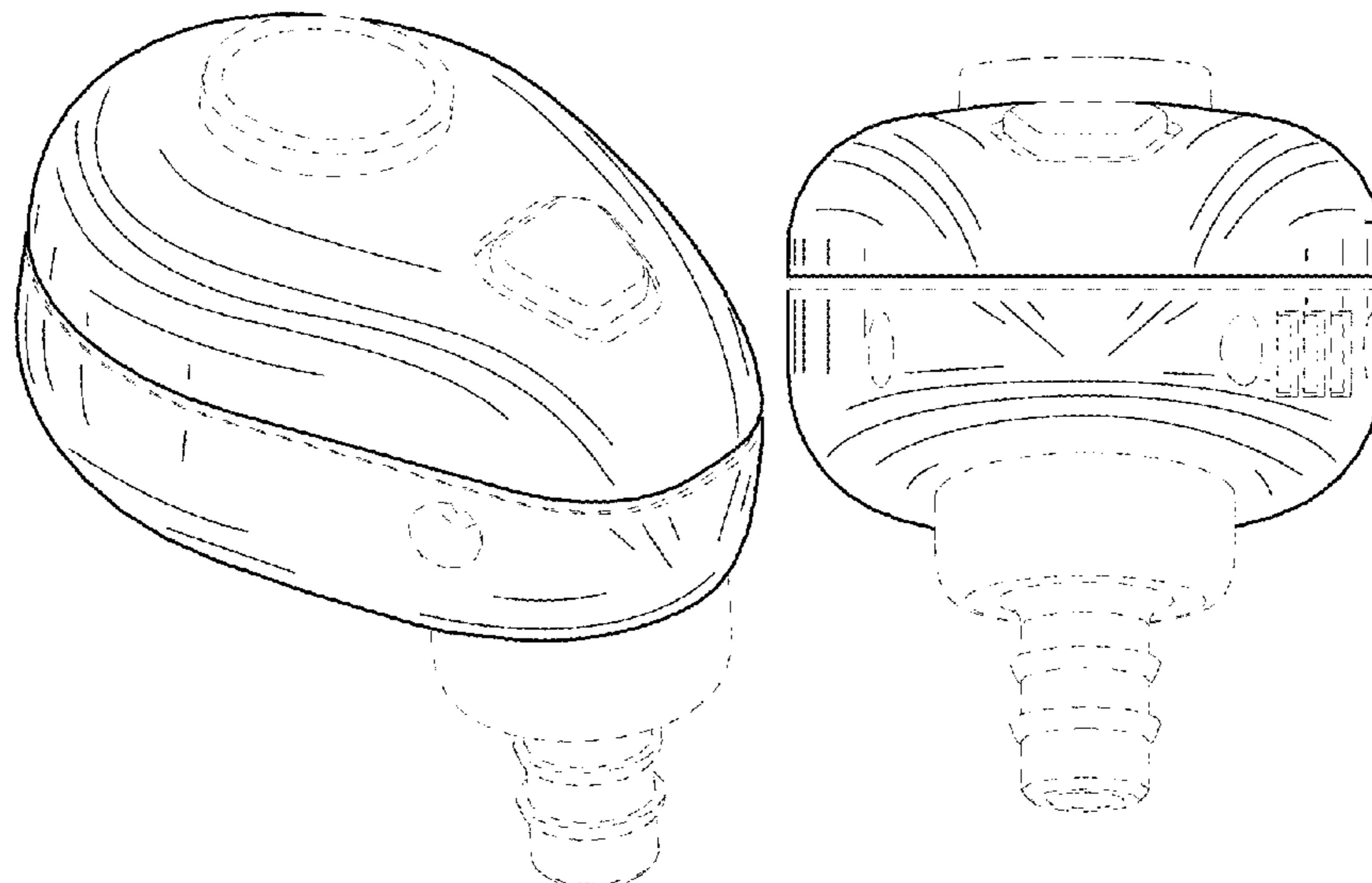
FIG. 5 is a bottom view thereof;

FIG. 6 is a left view thereof; and,

FIG. 7 is a right view thereof.

The broken lines form no part of the claimed design, and any shading is provided to illustrate contour only and is not an indication of texture, gloss, etc.

**1 Claim, 2 Drawing Sheets**



(56)

References Cited

U.S. PATENT DOCUMENTS

D417,665 S \* 12/1999 Isonaga ..... D14/408  
 6,122,388 A 9/2000 Feldman  
 6,262,804 B1 \* 7/2001 Friend et al. .... 356/402  
 D473,217 S \* 4/2003 Rivera ..... D14/223  
 6,704,429 B2 3/2004 Lin  
 D494,571 S \* 8/2004 Polito ..... D14/223  
 D495,665 S \* 9/2004 Stekelenburg ..... D13/168  
 6,830,124 B2 12/2004 Chiang  
 7,025,061 B2 4/2006 Haussmann  
 D551,216 S \* 9/2007 Wei ..... D14/223  
 D562,808 S \* 2/2008 Gwee ..... D14/223  
 D567,790 S \* 4/2008 Cardoso et al. .... D14/138 R  
 7,394,910 B2 7/2008 Smith  
 D600,682 S \* 9/2009 Wai ..... D14/223  
 D604,722 S \* 11/2009 Mistry ..... D14/223  
 7,616,760 B2 \* 11/2009 Trip et al. .... 379/430  
 D622,855 S \* 8/2010 Cano, Jr. .... D24/174  
 7,869,615 B2 \* 1/2011 Chang ..... 381/371  
 D632,677 S \* 2/2011 Brown et al. .... D14/223  
 7,916,884 B2 3/2011 Kah, Jr.  
 8,065,118 B2 11/2011 McBagonluri  
 D649,957 S \* 12/2011 Fahrendorff et al. .... D14/223  
 D655,277 S \* 3/2012 Wai ..... D14/223  
 8,130,942 B2 3/2012 Howes  
 8,270,648 B2 9/2012 Murozaki  
 8,281,791 B2 10/2012 Mance  
 D678,849 S \* 3/2013 McCullar et al. .... D13/168

8,391,526 B2 3/2013 Dahl  
 D687,417 S \* 8/2013 Koss et al. .... D14/223  
 D691,120 S \* 10/2013 Koch ..... D14/223  
 D705,760 S \* 5/2014 Drambarean ..... D14/223  
 2006/0067556 A1 3/2006 Bailey  
 2009/0141923 A1 6/2009 Smith  
 2009/0252362 A1 10/2009 Ooi  
 2011/0019849 A1 1/2011 Nielsen  
 2011/0075871 A1 3/2011 Fretz  
 2011/0103605 A1 5/2011 Killion  
 2011/0280423 A1 11/2011 Nielsen  
 2012/0087532 A1 \* 4/2012 Yang ..... 381/380  
 2012/0140967 A1 6/2012 Aubert  
 2012/0237068 A1 9/2012 Fretz  
 2012/0269376 A1 10/2012 Matsuo

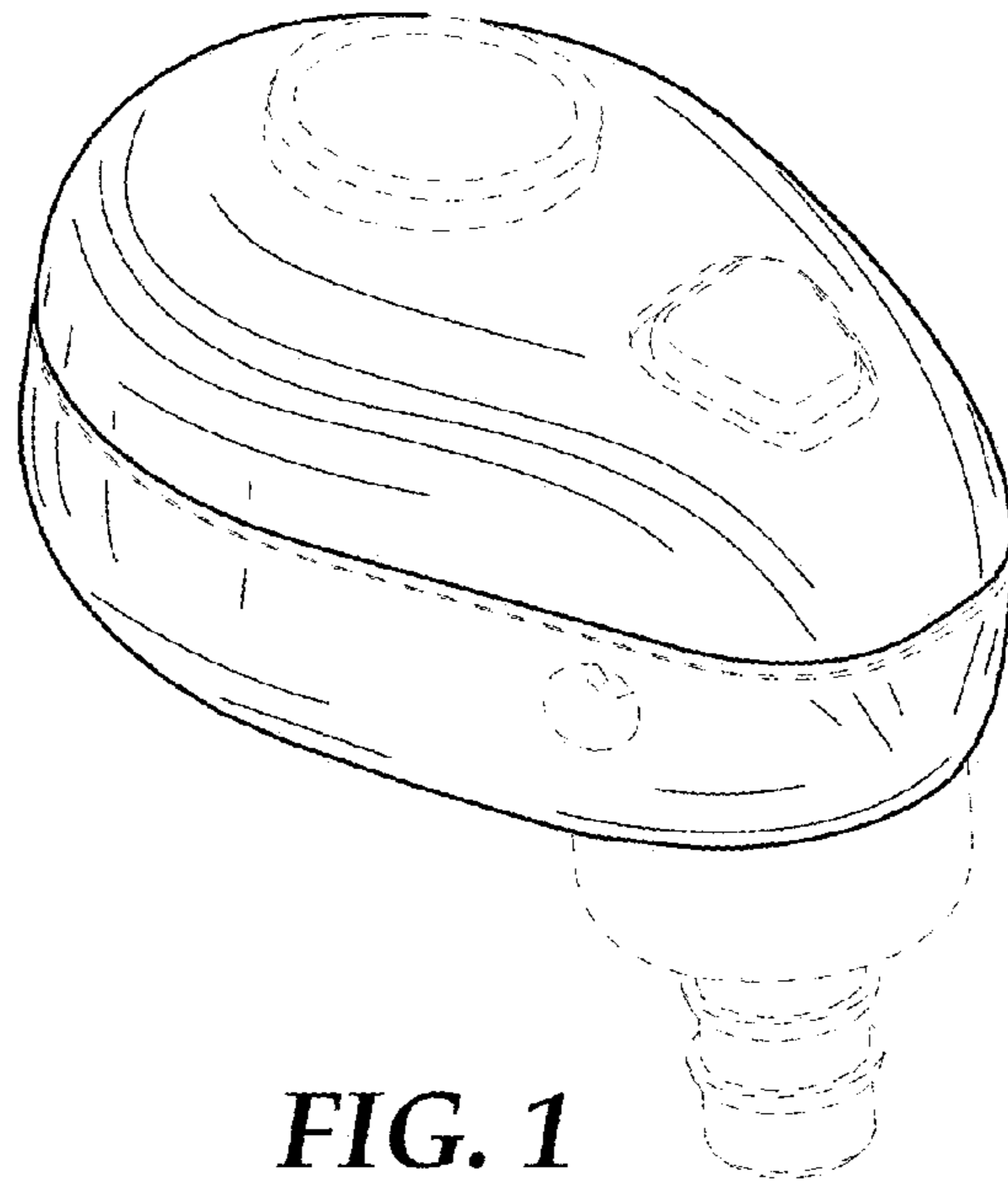
FOREIGN PATENT DOCUMENTS

EP 2299730 3/2011  
 GB 448430 6/1936  
 WO WO 01-50813 7/2001  
 WO WO 02-052890 7/2002  
 WO WO 2010-096884 9/2010

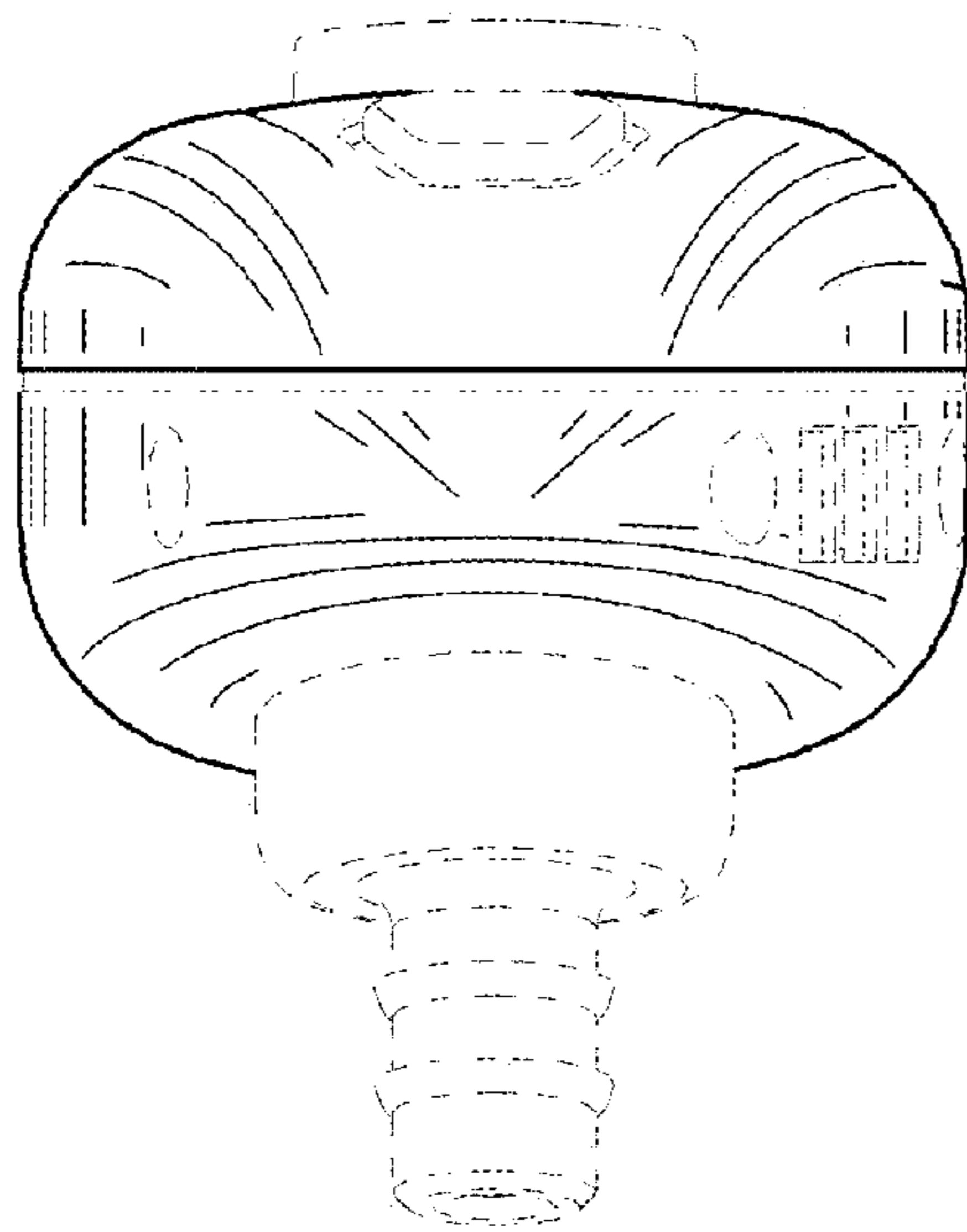
OTHER PUBLICATIONS

U.S. Appl. No. 14/082,670, Henry et al., entitled Concha-fit Electronic Hearing Protection Device, filed Nov. 18, 2013.

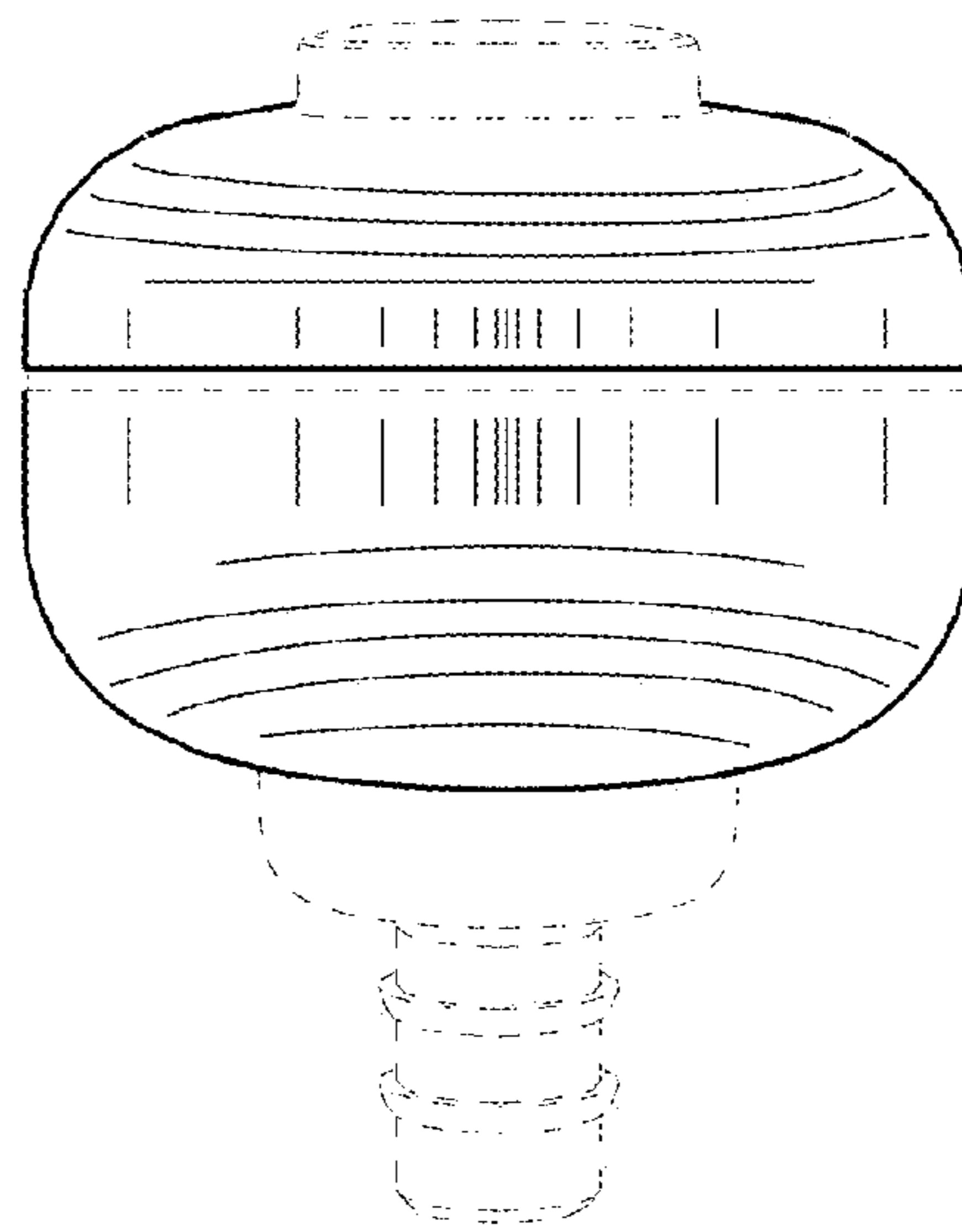
\* cited by examiner



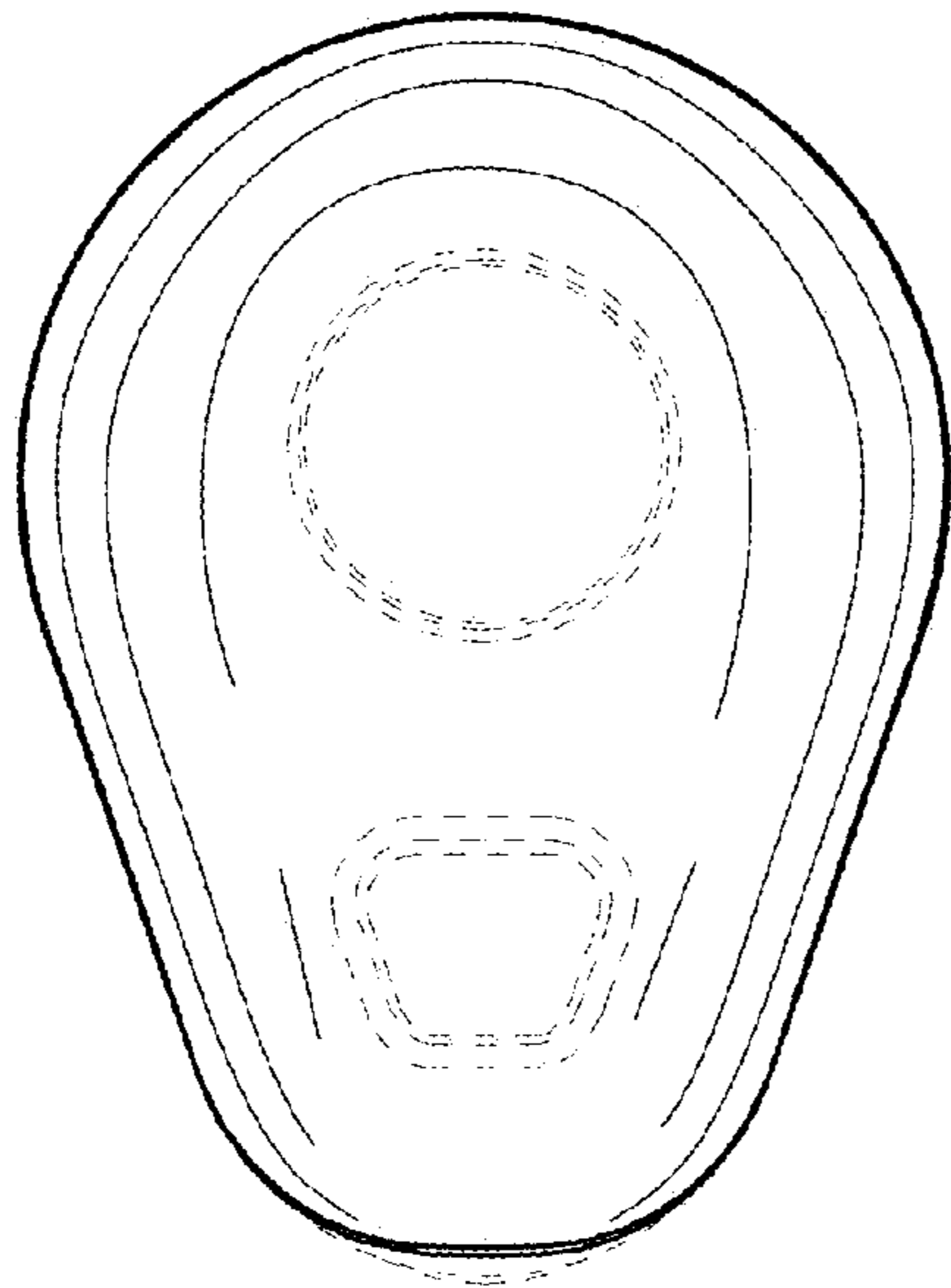
**FIG. 1**



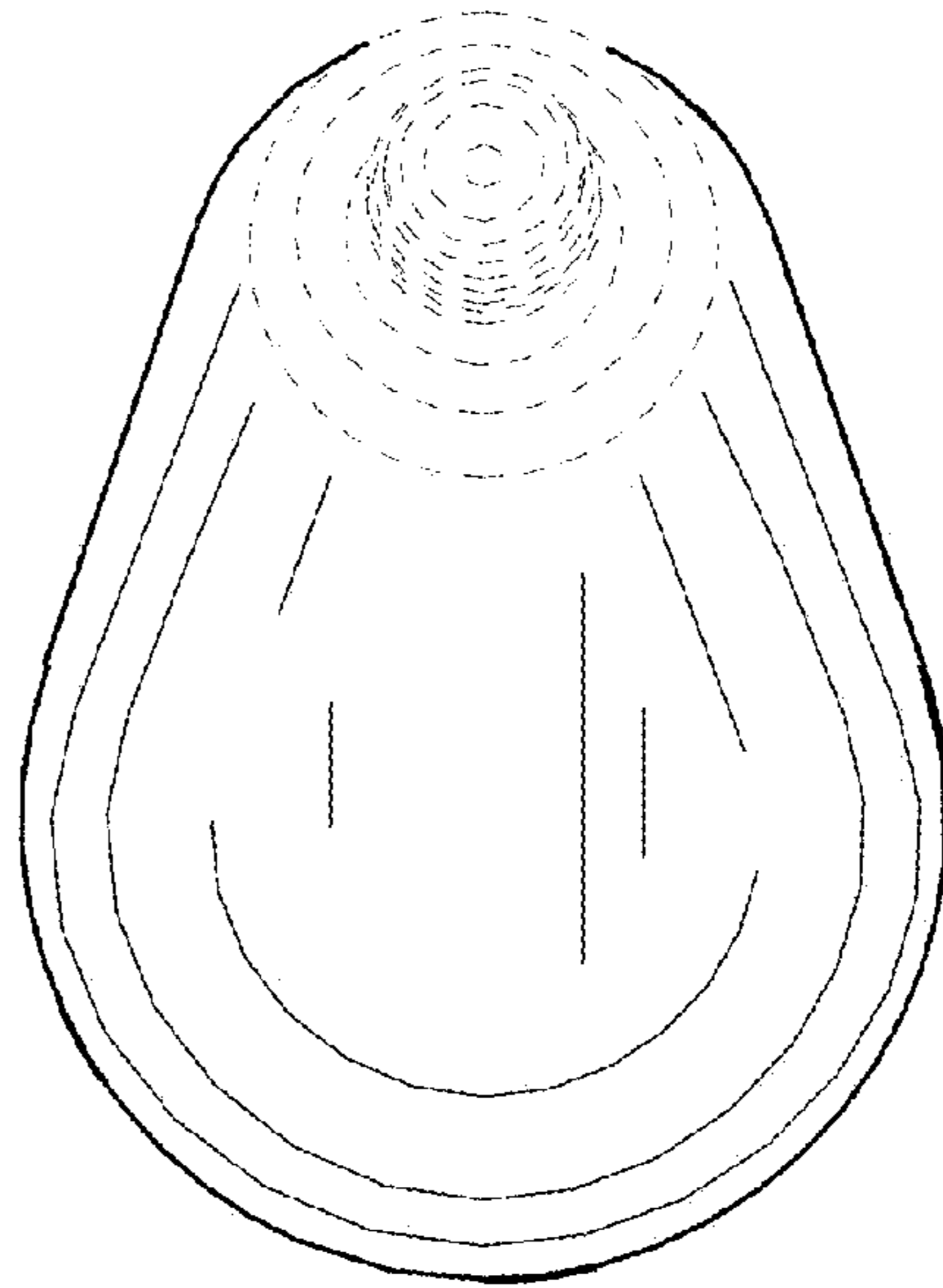
**FIG. 2**



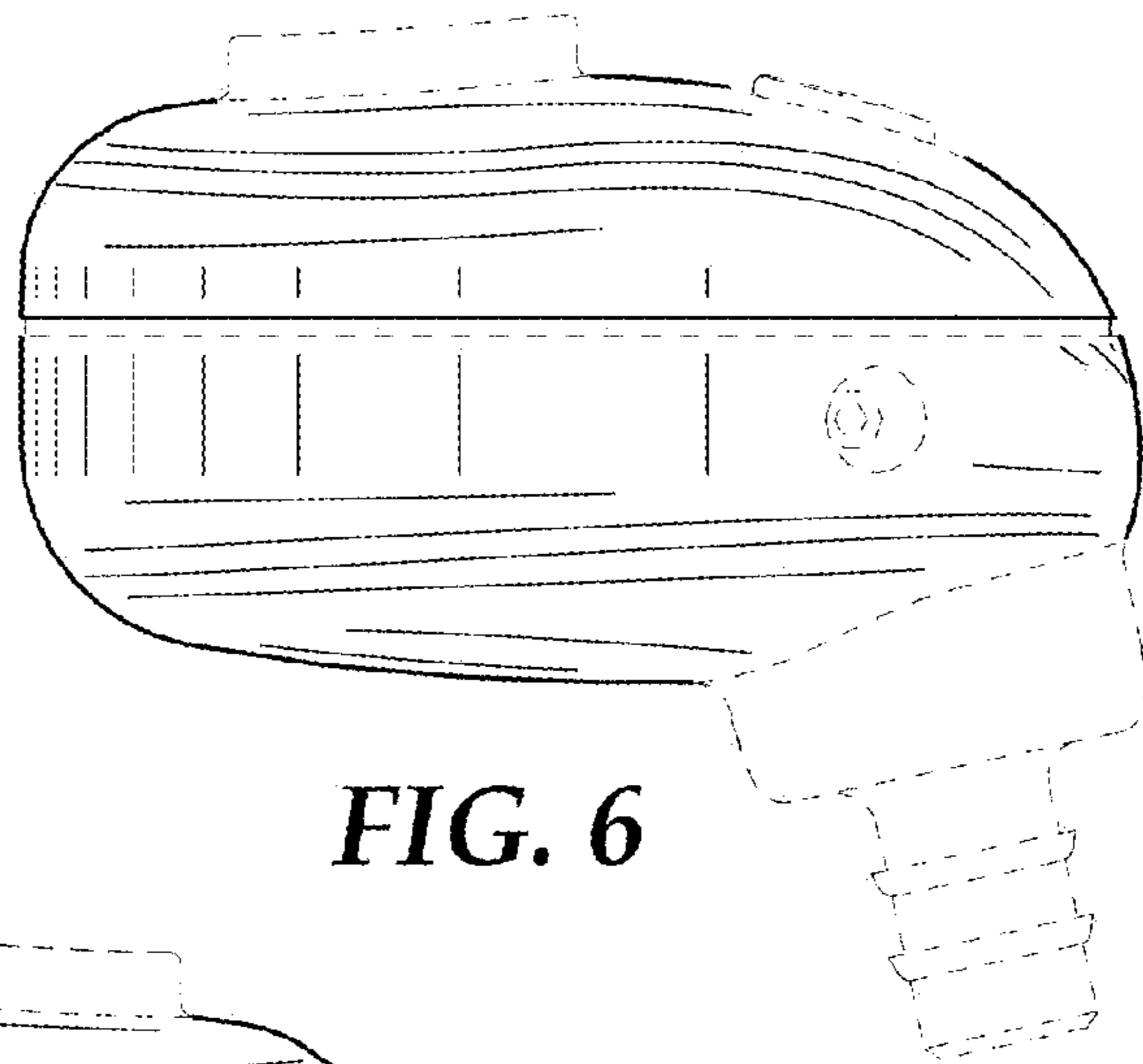
**FIG. 3**



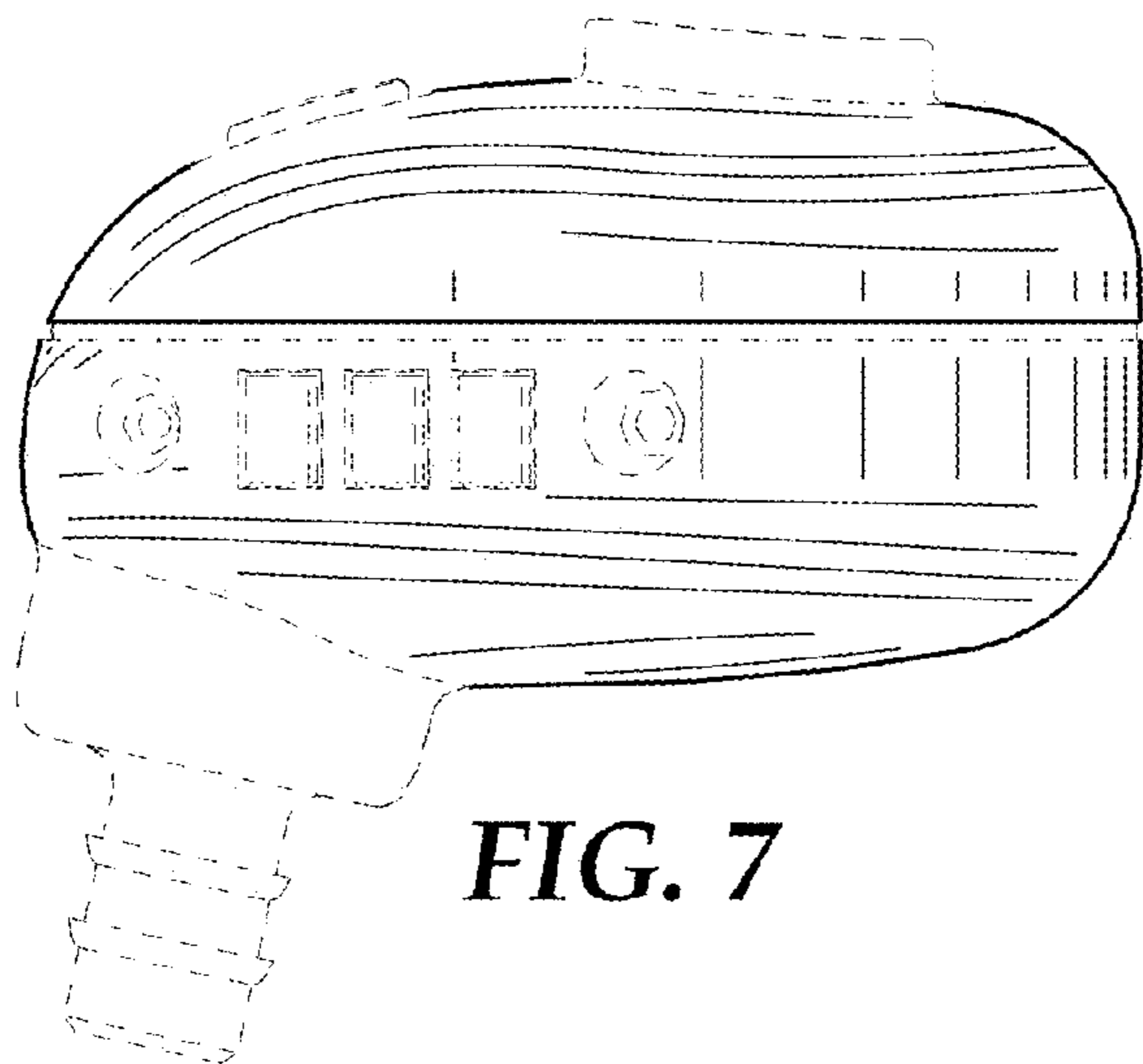
**FIG. 4**



**FIG. 5**



**FIG. 6**



**FIG. 7**