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

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(54) **SPRAYER HEAD FOR ATTACHMENT TO A BOTTLE**

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(57) **CLAIM**

The ornamental design for a sprayer head for attachment to a bottle, as shown and described.

(73) Assignee: **S.C. Johnson & Son, Inc.**, Racine, WI (US)

**DESCRIPTION**

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

(21) Appl. No.: **29/306,581**

(22) Filed: **Apr. 11, 2008**

**Related U.S. Application Data**

(63) Continuation-in-part of application No. 29/277,176, filed on Feb. 16, 2007, now Pat. No. Des. 568,153.

(51) **LOC (9) Cl.** ..... **09-07**

(52) **U.S. Cl.** ..... **D9/448**

(58) **Field of Classification Search** ..... D9/686, D9/685, 682, 448; D8/51; D23/226, 213; 417/411; 401/190; 239/337, 120; 222/402.11, 222/383.3, 383.1, 323, 179.5, 109, 1  
See application file for complete search history.

FIG. 1 is a perspective view of a sprayer head for attachment to a bottle showing our new design;

FIG. 2 is a left side view of the sprayer head of FIG. 1;

FIG. 3 is a right side view of the sprayer head of FIG. 1;

FIG. 4 is a top view of the sprayer head of FIG. 1;

FIG. 5 is a bottom view of the sprayer head of FIG. 1;

FIG. 6 is a front view of the sprayer head of FIG. 1; and,

FIG. 7 is a rear view of the sprayer head of FIG. 1.

The broken lines showing a trigger in FIGS. 1–3 and 5–6; the broken lines showing a central aperture and screw-top fastener in FIGS. 1–3 and 6–7; the broken lines showing seams between adjacent portions of the sprayer head in FIGS. 1–7; the broken lines showing circular apertures for fastening parts of the sprayer head together in FIGS. 1–2 and 4–7; the broken lines showing finger recesses in FIGS. 1–3 and 7; the broken lines showing a trigger lock in FIGS. 1, 2, and 6; the broken lines showing a triangular label pattern in FIGS. 1–3 and 6–7; and the broken lines showing a nozzle in FIGS. 1–6; define the bounds of the claimed design and/or disclose the environment related to the claimed design, and therefore form no part of the claimed design.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D47,355 S 5/1915 Coane

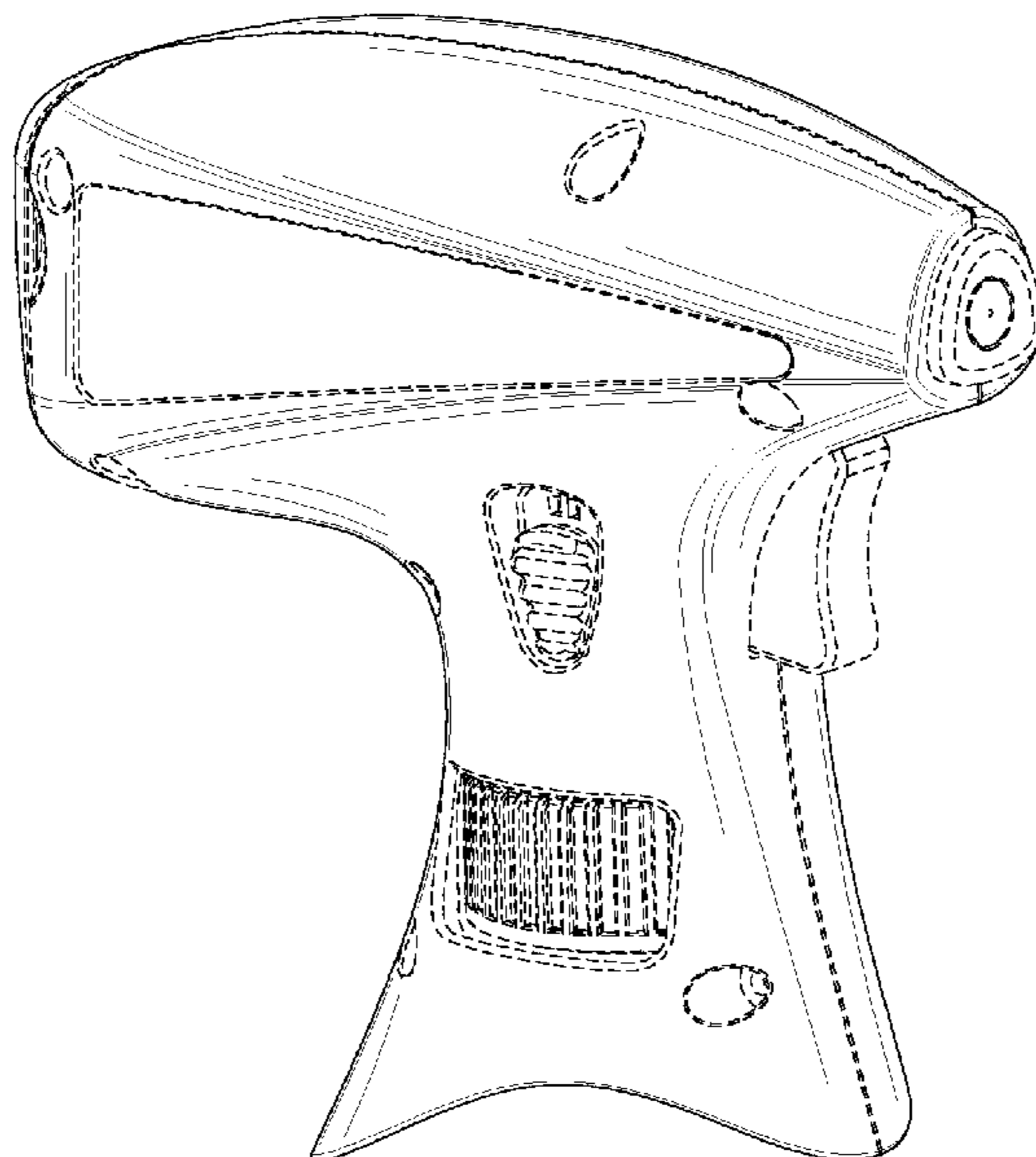
(Continued)

**OTHER PUBLICATIONS**

Image of “Domestos” disinfectant cleaning spray bottle, manufactured by Lever Faberge Europe, available at least as early as Nov. 30, 2005.

(Continued)

**1 Claim, 3 Drawing Sheets**



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## U.S. PATENT DOCUMENTS

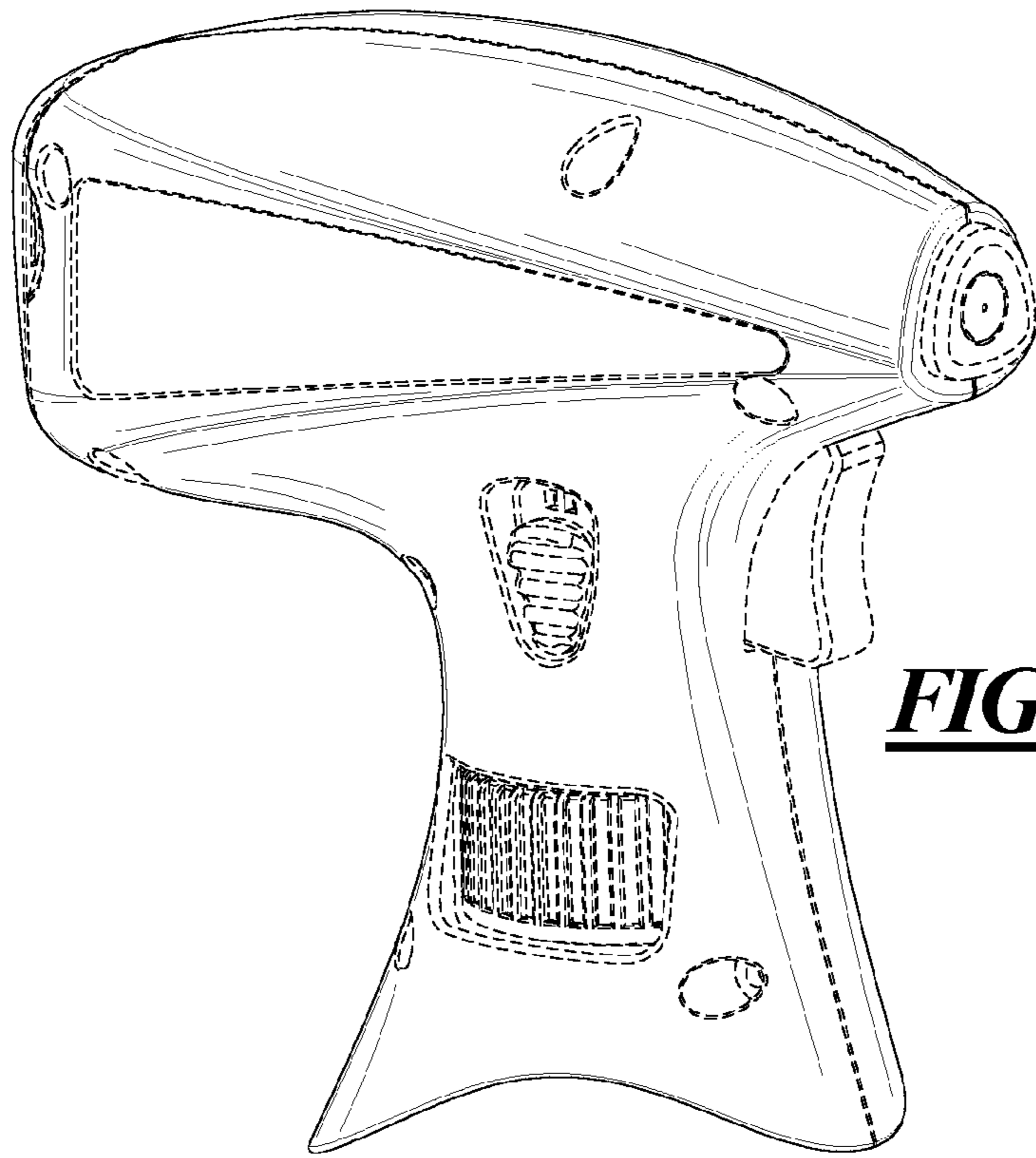
2,639,521	A	5/1953	Rickettson	D451,792	S	12/2001	Siebert et al.
D216,584	S	2/1970	Hills	D454,069	S	3/2002	Guislain
D229,890	S	1/1974	Pardo	D454,504	S	3/2002	Siebert et al.
3,825,142	A	7/1974	Campagna	D454,779	S *	3/2002	Siebert et al. .... D9/685
D238,753	S	2/1976	McKinney	D454,787	S	3/2002	Cummings
3,993,250	A	11/1976	Shure	D455,352	S	4/2002	Siebert et al.
D244,991	S	7/1977	Weckman et al.	D462,608	S *	9/2002	Sweeton ..... D9/685
D254,709	S	4/1980	McCredie	D468,194	S	1/2003	Siebert et al.
D255,650	S	7/1980	Britt	6,536,977	B1	3/2003	Hammel
D259,094	S	5/1981	Weckman	D480,005	S	9/2003	Conway
D263,448	S	3/1982	Turcotte	D481,305	S	10/2003	Walters et al.
4,837,892	A	6/1989	Lo	D485,747	S	1/2004	Crawford
D311,489	S	10/1990	Holmes	D486,068	S	2/2004	Crawford et al.
D314,140	S	1/1991	Kornick et al.	D486,397	S	2/2004	Crawford et al.
D323,110	S	1/1992	Simms et al.	D486,743	S	2/2004	Nelson et al.
D328,712	S	8/1992	Butler et al.	D487,223	S	3/2004	Arai et al.
D329,815	S	9/1992	Beaver et al.	D487,401	S	3/2004	Cotton et al.
D329,816	S	9/1992	Beaver et al.	D488,066	S	4/2004	Nelson et al.
5,156,285	A	10/1992	Zogg et al.	D489,621	S	5/2004	Grisdale et al.
5,195,664	A	3/1993	Rhea	D490,700	S	6/2004	Conway et al.
5,232,107	A	8/1993	Krall et al.	D493,723	S	8/2004	Nelson et al.
D342,451	S	12/1993	Warner et al.	D497,971	S	11/2004	Conway et al.
D343,577	S *	1/1994	Proctor ..... D9/448	D498,670	S	11/2004	Cummings et al.
D358,198	S	5/1995	Wadsworth	D501,796	S	2/2005	Crawford et al.
D366,692	S	1/1996	Wadsworth	D510,869	S	10/2005	Gross et al.
D388,330	S	12/1997	Zimmer	D512,916	S	12/2005	Floyd et al.
D391,856	S	3/1998	Lynd	6,981,658	B2 *	1/2006	Streutker et al. .... 239/337
5,761,759	A	6/1998	Leversby et al.	D514,933	S	2/2006	Bitowft et al.
D399,734	S	10/1998	Luh et al.	D518,376	S	4/2006	Floyd et al.
D401,504	S	11/1998	Bolliger et al.	D519,371	S	4/2006	Hornsby et al.
D406,052	S	2/1999	Dumont et al.	D524,660	S	7/2006	Floyd et al.
D406,060	S	2/1999	Dumont et al.	D525,137	S	7/2006	Helps
D406,765	S	3/1999	Zimmer et al.	D536,982	S	2/2007	Conway
D409,487	S	5/1999	Wadsworth et al.	D543,854	S	6/2007	Conway
D413,808	S	9/1999	Bolliger et al.	D545,197	S	6/2007	Adamson et al.
D415,430	S	10/1999	Bodker et al.	D568,153	S *	5/2008	Harrison et al. .... D9/448
D416,802	S	11/1999	Zimmer	D571,206	S *	6/2008	Sweeton et al. .... D9/448
D418,063	S	12/1999	Feen	2003/0213816	A1	11/2003	Harrity et al.
D419,875	S	2/2000	Wadsworth et al.	2006/0153707	A1 *	7/2006	Sweeton et al. .... 417/411
D420,918	S	2/2000	Hefter et al.	2006/0237485	A1	10/2006	An
D421,388	S	3/2000	Cummings				
D422,216	S	4/2000	Brozell				
D422,493	S	4/2000	Clarke				
D423,362	S	4/2000	DiBartolo et al.				
6,059,152	A	5/2000	Mayfield				
D427,078	S	6/2000	Schaaf et al.				
D429,159	S	8/2000	Feen				
D432,426	S	10/2000	Caughey et al.				
6,138,873	A	10/2000	Gramola				
D433,335	S	11/2000	Zimmer et al.				
D434,327	S	11/2000	DiBartolo et al.				
D440,159	S	4/2001	Guislain				
6,264,073	B1	7/2001	Good et al.				

## OTHER PUBLICATIONS

Image of "Frosch Bathroom Cleaner" bottle, manufactured by Werner & Mertz GmbH, available at least as early as Nov. 30, 2005.  
 Image of two "Vim" cleaner bottles, manufactured by Unilever Canada, available at least as early as Nov. 30, 2005.  
 Conway et al., "Neck Portion of a Bottle," U.S. Appl. No. 29/249,287, filed Sep. 29, 2006.  
 Conway et al., "Bottle," U.S. Appl. No. 29/249,288, filed Sep. 29, 2006.  
 Conway, "Bottle," U.S. Appl. No. 29/245,205, filed Dec. 20, 2005.  
 Conway, "Bottle," U.S. Appl. No. 29/245,207, filed Dec. 20, 2005.

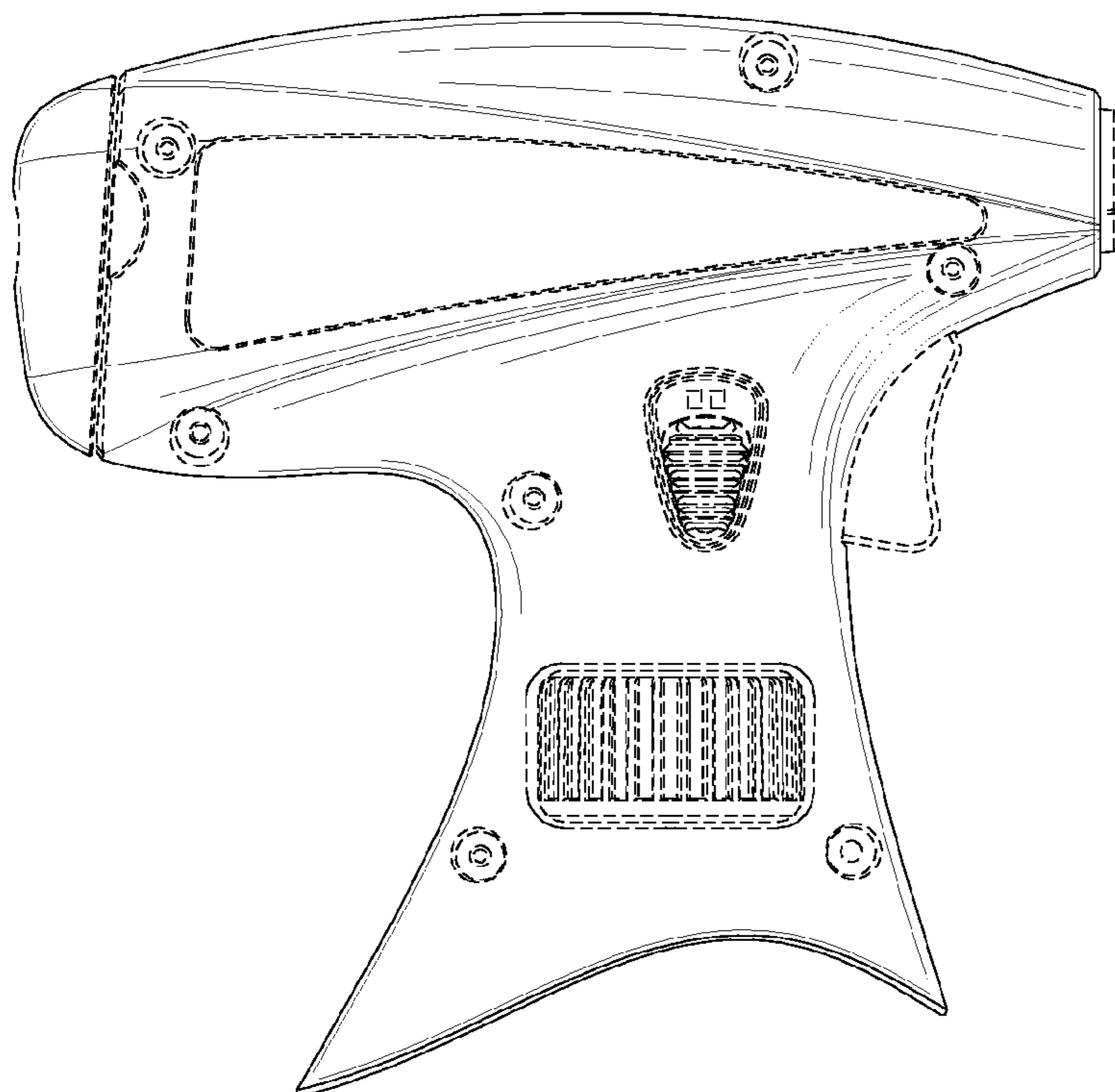
\* cited by examiner

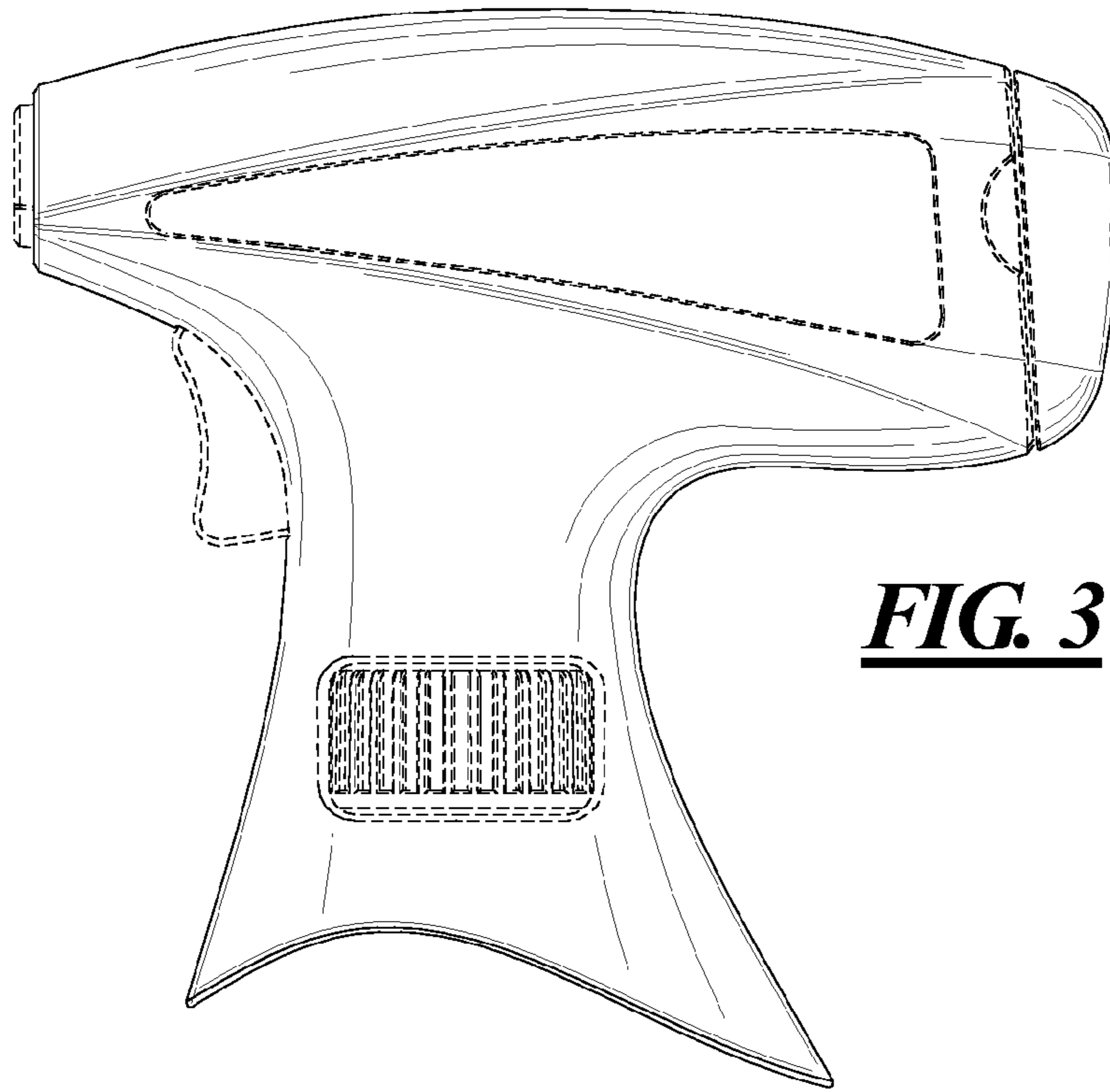




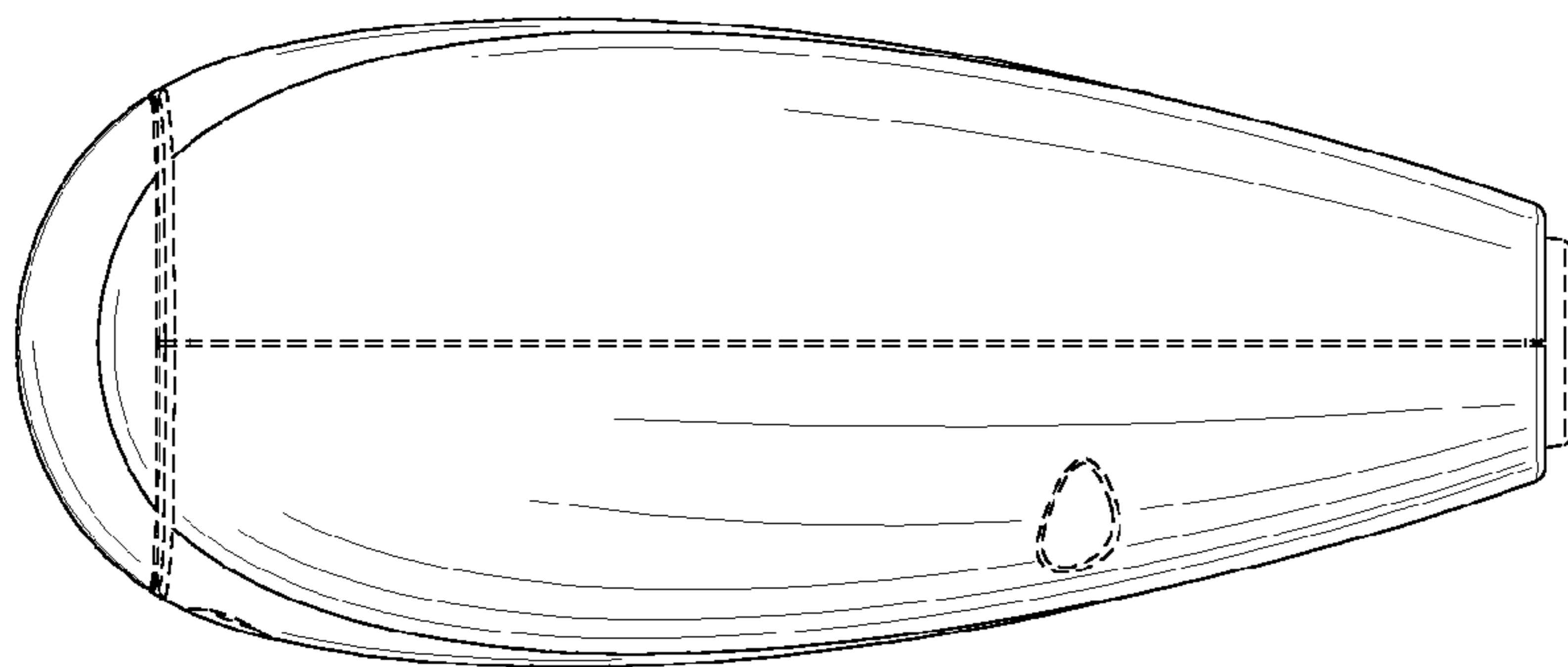
**FIG. 1**

**FIG. 2**

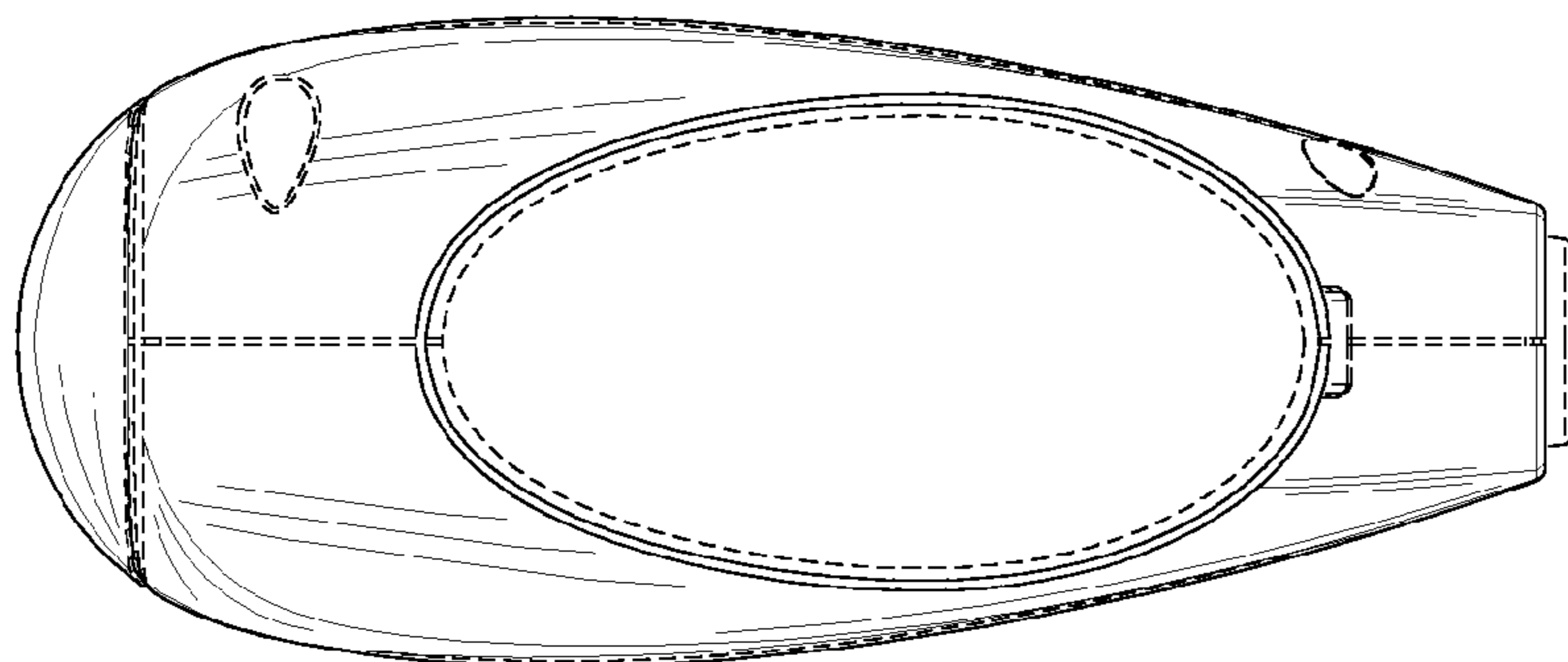




**FIG. 3**

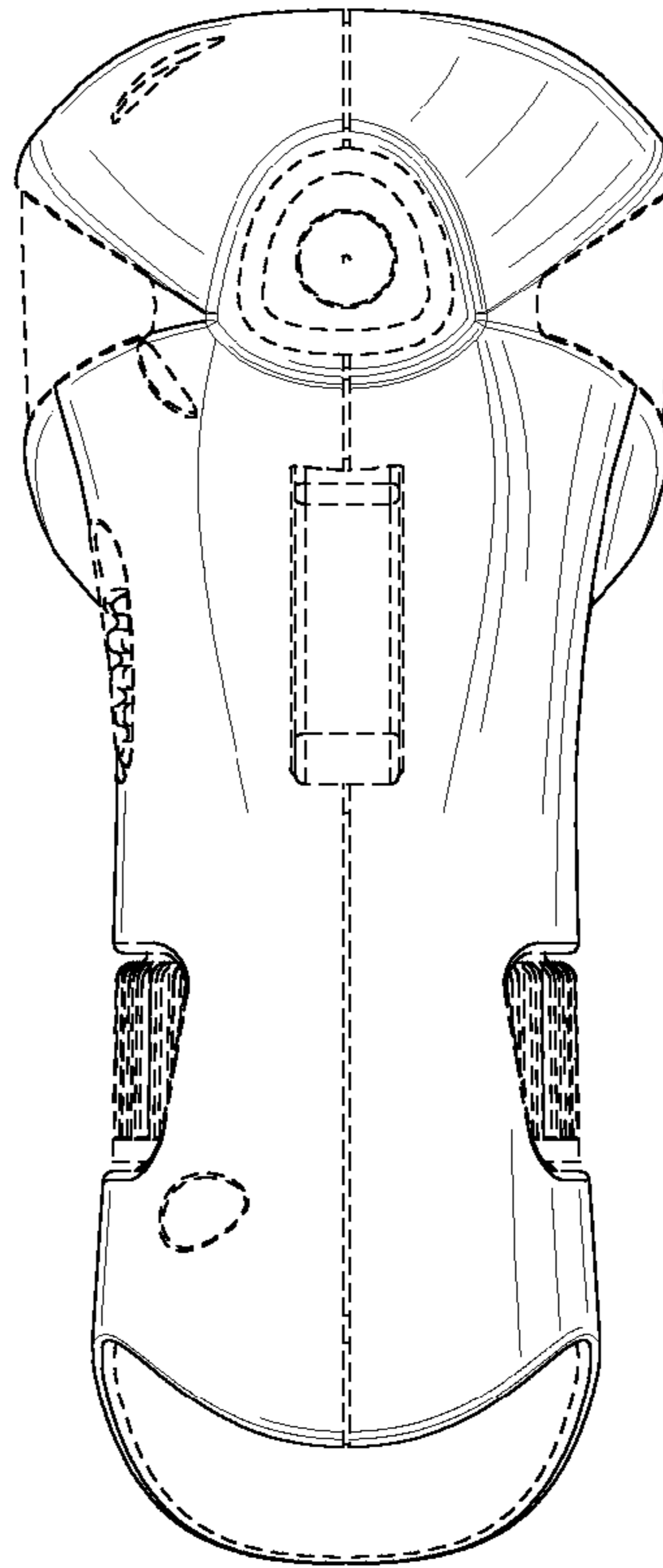


**FIG. 4**



**FIG. 5**

**FIG. 6**



**FIG. 7**

