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(12) **United States Design Patent** (10) **Patent No.:** **US D975,843 S**  
**Massie et al.** (45) **Date of Patent:** **\*\* \*Jan. 17, 2023**

(54) **ORAL IRRIGATOR HANDLE**

(56) **References Cited**

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U.S. PATENT DOCUMENTS

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555,588 A 3/1896 Spencer  
1,278,225 A 9/1918 Schamberg  
1,452,258 A 4/1923 Smith  
(Continued)

(73) Assignee: **WATER PIK, INC.**, Fort Collins, CO (US)

FOREIGN PATENT DOCUMENTS

(\*) Notice: This patent is subject to a terminal disclaimer.

CA 851479 9/1970  
CH 655237 4/1986  
(Continued)

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

OTHER PUBLICATIONS

(21) Appl. No.: **29/831,913**

US RE27,274 E, 01/1972, Mattingly (withdrawn)  
(Continued)

(22) Filed: **Mar. 23, 2022**

*Primary Examiner* — Mary Shannon Malley  
*Assistant Examiner* — Lee D. Starr

**Related U.S. Application Data**

(63) Continuation of application No. 29/722,563, filed on Jan. 30, 2020, now Pat. No. Des. 950,710, which is a continuation of application No. 29/648,023, filed on May 17, 2018, now Pat. No. Des. 877,324.

(51) **LOC (14) Cl.** ..... **24-02**

(52) **U.S. Cl.**  
USPC ..... **D24/111**

(58) **Field of Classification Search**  
USPC ..... D24/111, 108, 112–115, 117, 152, 176;  
D4/101, 102, 110, 111, 138  
CPC ... A61C 15/046; A61C 15/047; A61C 15/048;  
A61C 17/00; A61C 17/005; A61C 17/02;  
A61C 17/0202; A61C 17/0205; A61C  
17/0211; A61C 17/16; A61C 17/22; A61C  
17/222; A61C 17/225; A61C 17/227;  
A61C 17/28; A61C 17/32; A61C 17/34;  
A61C 17/36

See application file for complete search history.

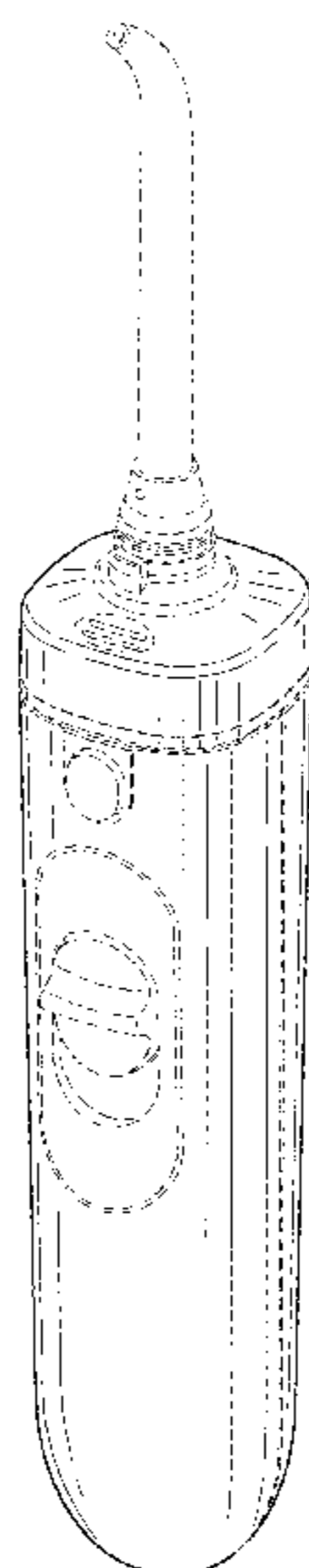
(57) **CLAIM**

We claim the ornamental design for an oral irrigator handle, as shown and described.

**DESCRIPTION**

FIG. 1 is a front isometric view of an oral irrigator handle with a tip shown in dashed lines for environment.  
FIG. 2 is a front elevation view thereof.  
FIG. 3 is a rear elevation view thereof.  
FIG. 4 is a right side elevation view thereof.  
FIG. 5 is a left side elevation view thereof.  
FIG. 6 is a top plan view thereof; and,  
FIG. 7 is a bottom plan view thereof.  
The broken line showing of the tip in FIG. 1 depicts environmental structure and forms no part of the claimed design. The dash-dash broken lines depict portions of the oral irrigator handle that form no part of the claimed design. The dash-dot broken lines in the drawings define the bounds of the claimed design and form no part thereof.

**1 Claim, 4 Drawing Sheets**













(56)

**References Cited**

## OTHER PUBLICATIONS

Brochure: Woog International, "Products at a Glance: Home Dental Care System" Woog Orajet, 3 pages, at least as early as Dec. 18, 1998.

Website: [http://www.just4teeth.com/product/Panasonic/Panasonic\\_Portable\\_Irrigator.htm](http://www.just4teeth.com/product/Panasonic/Panasonic_Portable_Irrigator.htm), 2 pages, at least as early as Jun. 20, 2003.

Website: [http://www.videodirectstore.com/store/merchant.mv?Screen=PROD&Product\\_Code=EW1' . . .](http://www.videodirectstore.com/store/merchant.mv?Screen=PROD&Product_Code=EW1' . . .), 2 pages, at least as early as Jun. 20, 2003.

Website: <http://products.consumerguide.com/cp/family/review/index.cfm/id/18742>, 2 pages, at least as early as Jun. 20, 2003.

Website: <http://www.racekarteng.com/images/walbroparts.gif> and <http://www.muller.net/mullermachine/docs/walbro1.html>, 4 pages, at least as early as Jun. 20, 2003.

European Search Report, EPO Application No. 07250799.9, dated Jul. 5, 2007.

European Search Report, EPO Application No. 07252693.2, 14 pages, dated Apr. 28, 2008.

European Examination Report, EPO Application No. 07250799.9, dated Feb. 5, 2009.

International Search Report, Application No. PCT/US2010/028180, 2 pages, dated May 18, 2010.

International Search Report, PCT/US2010/060800, 2 pages, dated Feb. 11, 2011.

International Search Report, PCT/US2011/052795, 10 pages, dated Jan. 17, 2012.

Waterpik SinuSense Website: <http://www.insightsbyapril.com/2012/03/waterpik-natural-remedy-for-sinus.html>, 8 pages, retrieved on May 31, 2012.

Website: <https://www.waterpik.com/about-us/>, 3 pages.

Waterpik WP350W Oral Irrigator. Dentist.net. Copyright date 2013. Date accessed: Mar. 30, 2017, 2 pages.

IPik Portable Oral Irrigator. AliExpress. Date reviewed: Oct. 5, 2016. [https://www.aliexpress.com/...e-Oral-Care-Product-Nasal-Irrigator-Tooth-Flosser-Water/1525541997.html?aff\\_platform=aaf&cpt=1490913714609&sk=yfAeyJa&aff\\_trace\\_key=c5a300c4f02e46d08c042f5292e1762f-1490913714609-07517-yfAeyJa](https://www.aliexpress.com/...e-Oral-Care-Product-Nasal-Irrigator-Tooth-Flosser-Water/1525541997.html?aff_platform=aaf&cpt=1490913714609&sk=yfAeyJa&aff_trace_key=c5a300c4f02e46d08c042f5292e1762f-1490913714609-07517-yfAeyJa), 18 pages.

Brite Leafs Professional Portable 2-in-1 Nasal Sinus & Oral Irrigator. Brite Leafs. Copyright date 2012, <http://www.briteleafs.com/product6.html>, 1 page.

AliExpress. Date reviewed: Jan. 12, 2017. <<https://www.aliexpress.com/item/Cordless-Water-Floss-Portable-Oral-Irrigator-Dental-Water-Flosser-Waterpic-Whatpick-Dental-Water-Pic-Whater-Pick/32769416341.html?spm=2114.40010308.4.75.Owuzfj>>.

Suvo. "Helical Gears vs Spur Gears—Advantages and Disadvantages Compared." BRIGHT Engineering, Aug. 18, 2010, [www.brightengineering.com/manufacturing-technology/33535-helical-gears-vs-spur-gears/](http://www.brightengineering.com/manufacturing-technology/33535-helical-gears-vs-spur-gears/), 7 pages.

Waterpik ADA Accepted WP-663, posted at amazon.com, earliest date reviewed on Feb. 6, 2014, [online], acquired on Feb. 12, 2018. Available from Internet, <URL: [https://www.amazon.com/Waterpik-Accepted-WP-663-Aquarius-Flosser/dp/B072JFVXSY/ref=cm\\_cr\\_arp\\_d\\_product\\_top?ie=UTF8&th=1](https://www.amazon.com/Waterpik-Accepted-WP-663-Aquarius-Flosser/dp/B072JFVXSY/ref=cm_cr_arp_d_product_top?ie=UTF8&th=1)> (Year: 2014).

\* cited by examiner

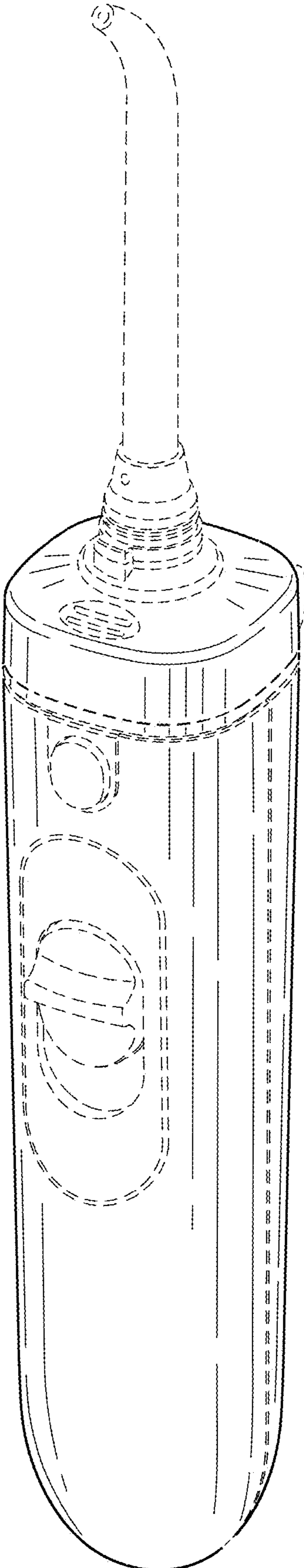


FIG. 1



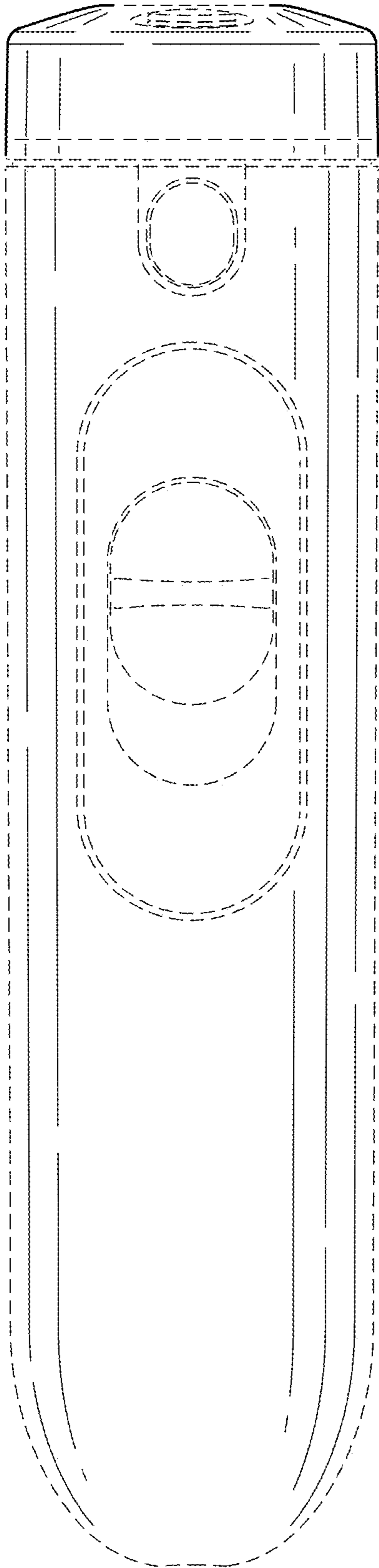


FIG. 2

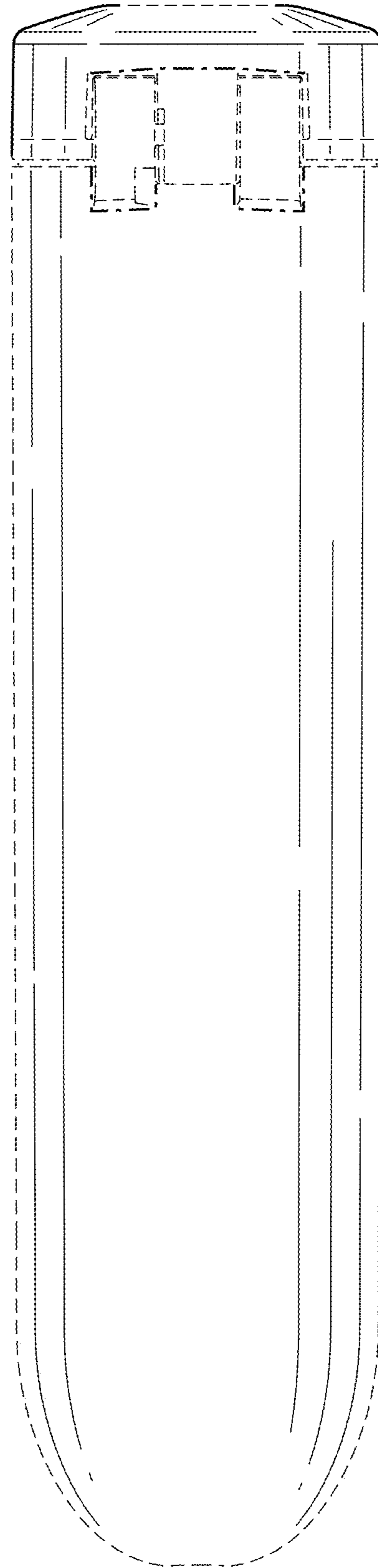


FIG. 3

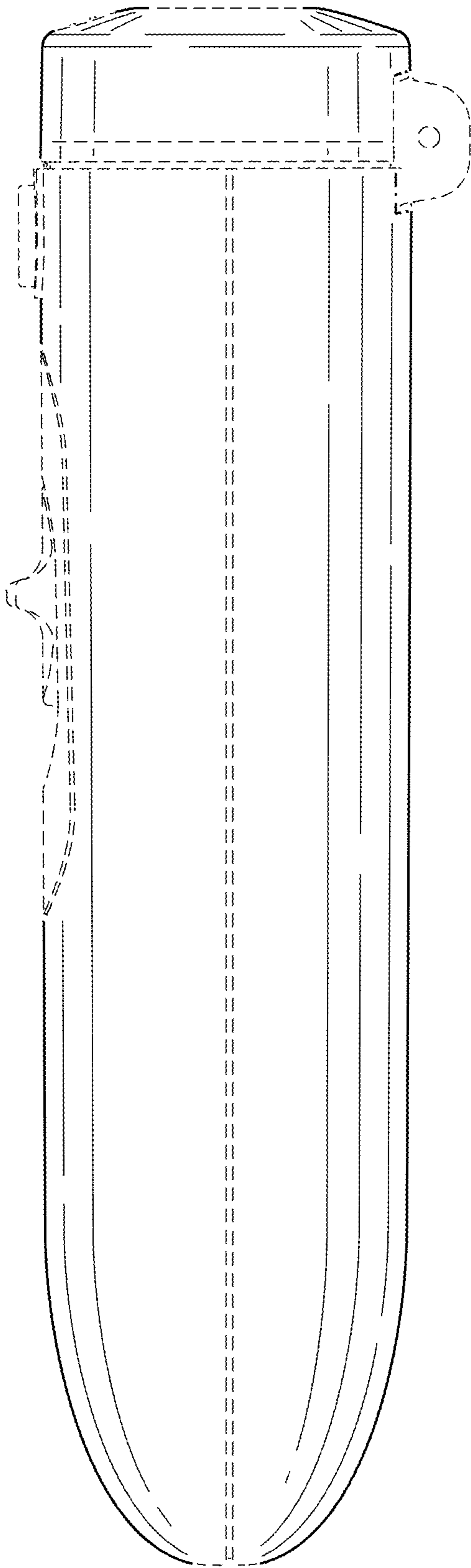


FIG. 4

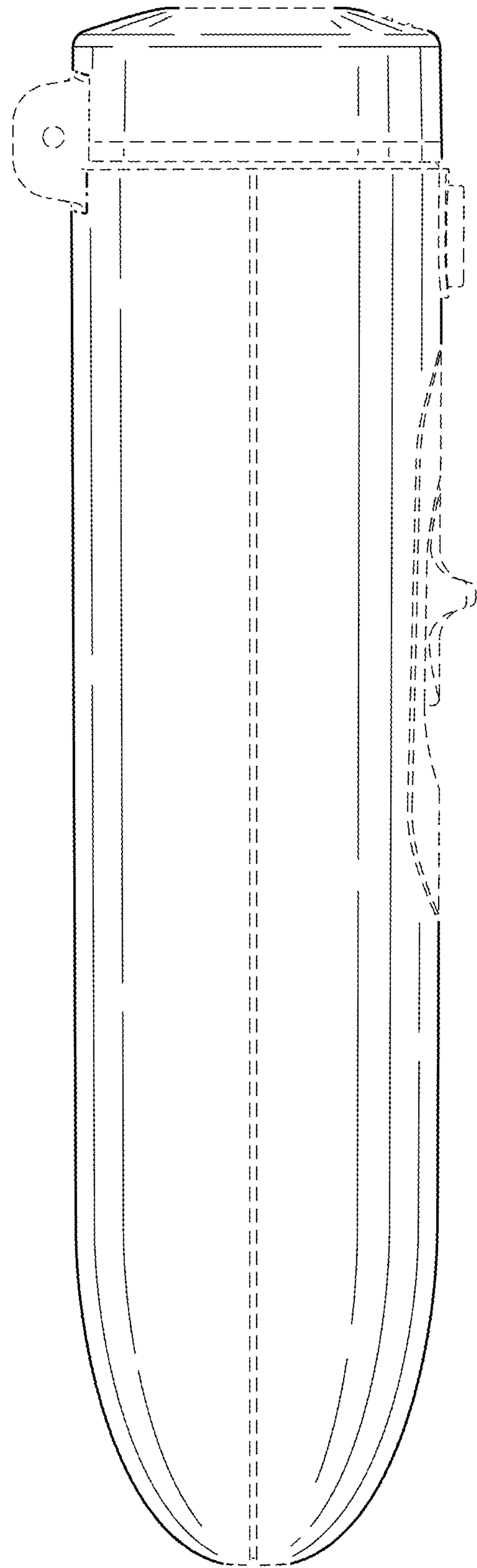


FIG. 5

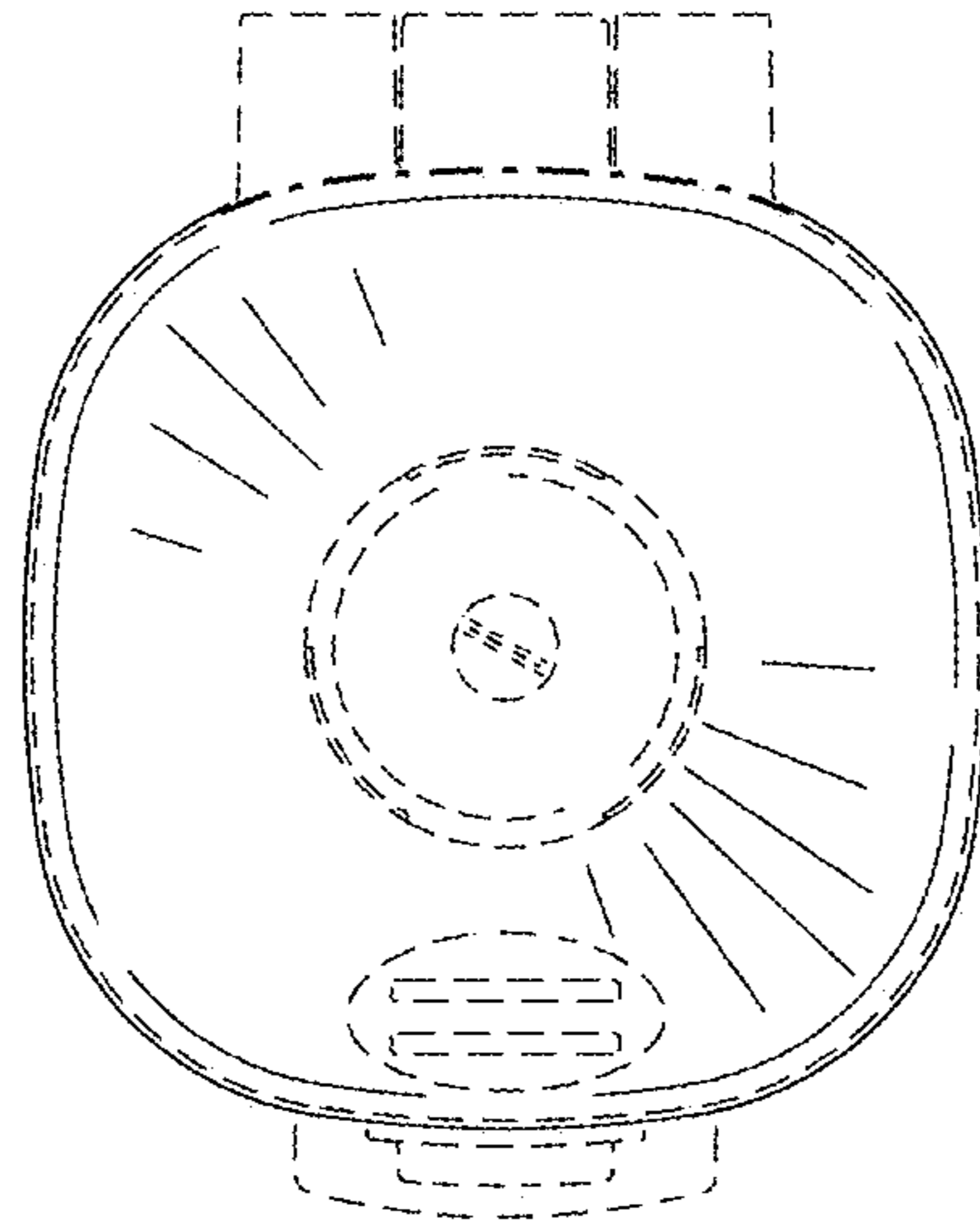


FIG. 6

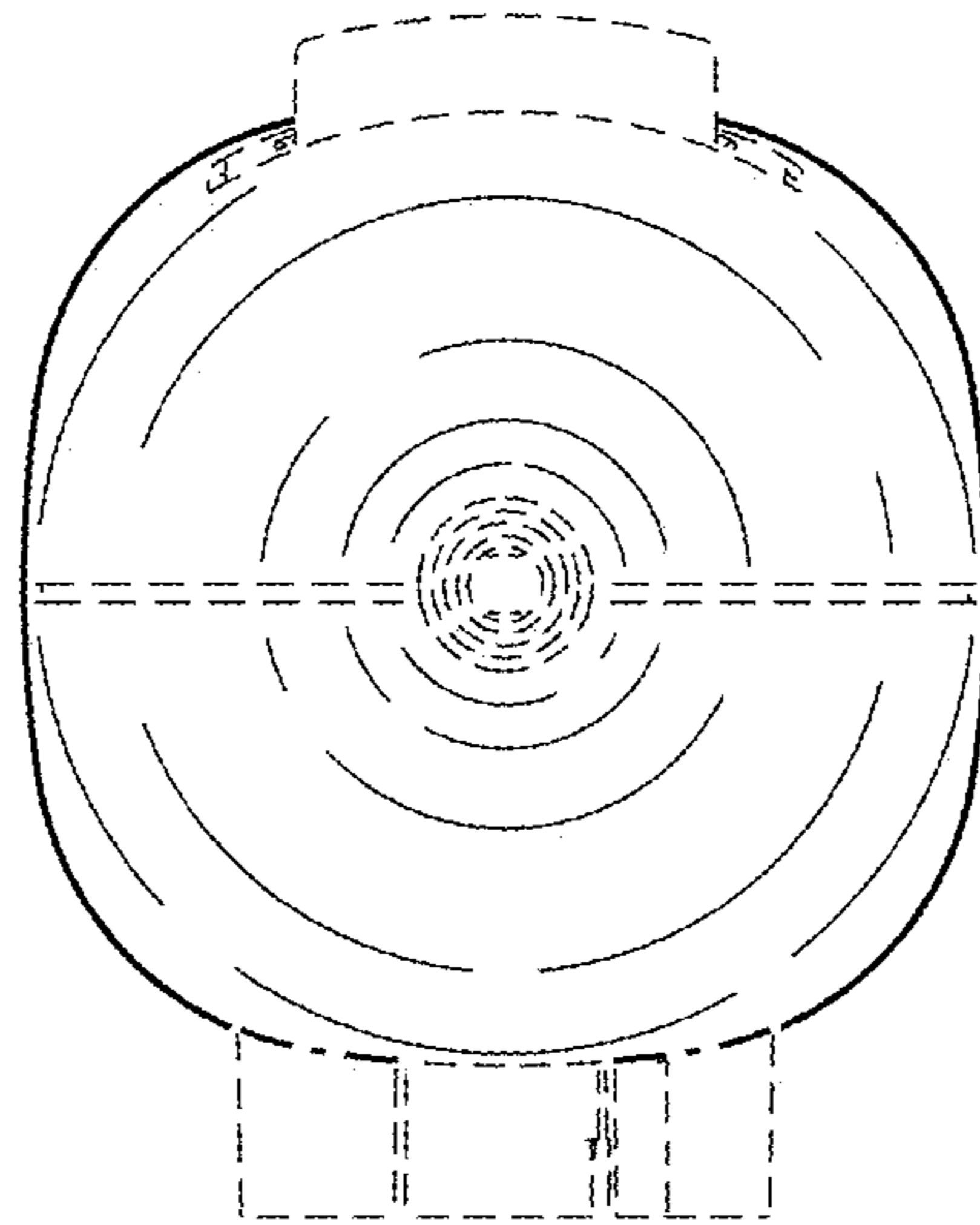


FIG. 7