



US00D972426S

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

(10) **Patent No.:** **US D972,426 S**  
(45) **Date of Patent:** **\*\* Dec. 13, 2022**

(54) **GAUGE**

(71) Applicant: **MARSHALL EXCELSIOR CO.**,  
Marshall, MI (US)

(72) Inventors: **Alex L. Hoffman**, Bellevue, MI (US);  
**Eric J. Olsen**, Sussex, WI (US)

(73) Assignee: **MARSHALL EXCELSIOR CO.**,  
Marshall, MI (US)

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

(21) Appl. No.: **29/721,440**

(22) Filed: **Jan. 21, 2020**

(51) **LOC (13) Cl.** ..... **10-04**

(52) **U.S. Cl.**  
USPC ..... **D10/102; D10/85**

(58) **Field of Classification Search**  
USPC ... D10/85, 96-103, 65, 70, 71, 46.2, 49, 52,  
D10/61, 106.1, 109.1, 123, 94  
CPC ..... G02B 27/01; G02B 2027/014; G02B  
27/0101; G06F 3/1423; B60R 11/0229;  
B60K 2001/003; B60K 5/04; G01P 1/02;  
G01P 1/07; G01P 1/12; G01P 3/02; G01P  
3/26; G01P 3/64; G01P 9/00; G01D 1/04;  
G01D 11/28; G01D 227/30

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

5,950,487 A	9/1999	Maresca, Jr. et al.	
6,289,728 B1	9/2001	Wilkins	
D488,735 S *	4/2004	Palmer	D10/99
D514,007 S *	1/2006	Buchanan	D10/85
D522,365 S *	6/2006	Samuels	D9/454
7,610,807 B2	11/2009	Skinner	
D629,708 S *	12/2010	Popp	D10/102
D666,933 S *	9/2012	Hoffman	D10/85
D671,022 S *	11/2012	Hoffman	D10/85

(Continued)

**FOREIGN PATENT DOCUMENTS**

CN	306619424	* 12/2020
CN	306694004	* 12/2020

(Continued)

**OTHER PUBLICATIONS**

Fowler Store,52-520-109-0 Dial Indicator,Date first available Nov. 9, 2004, [online]retrieved Feb. 8, 2022,available from [https://www.amazon.com/Fowler-52-520-109-Indicator-Travel-Diameter/dp/B0006J3KDO/ref=sr\\_1\\_36?gclid=EAlalQobChMIlKGm3Knw9QIVTAWICR2QxQwREAMYASAAEgLSUfD\\_BwE&hvadid=580883061069&hvdev](https://www.amazon.com/Fowler-52-520-109-Indicator-Travel-Diameter/dp/B0006J3KDO/ref=sr_1_36?gclid=EAlalQobChMIlKGm3Knw9QIVTAWICR2QxQwREAMYASAAEgLSUfD_BwE&hvadid=580883061069&hvdev) (Year: 2004).\*

(Continued)

*Primary Examiner* — Keli L Hill

*Assistant Examiner* — Sara S Sahneh

(74) *Attorney, Agent, or Firm* — Howard & Howard  
Attorneys PLLC

(57) **CLAIM**

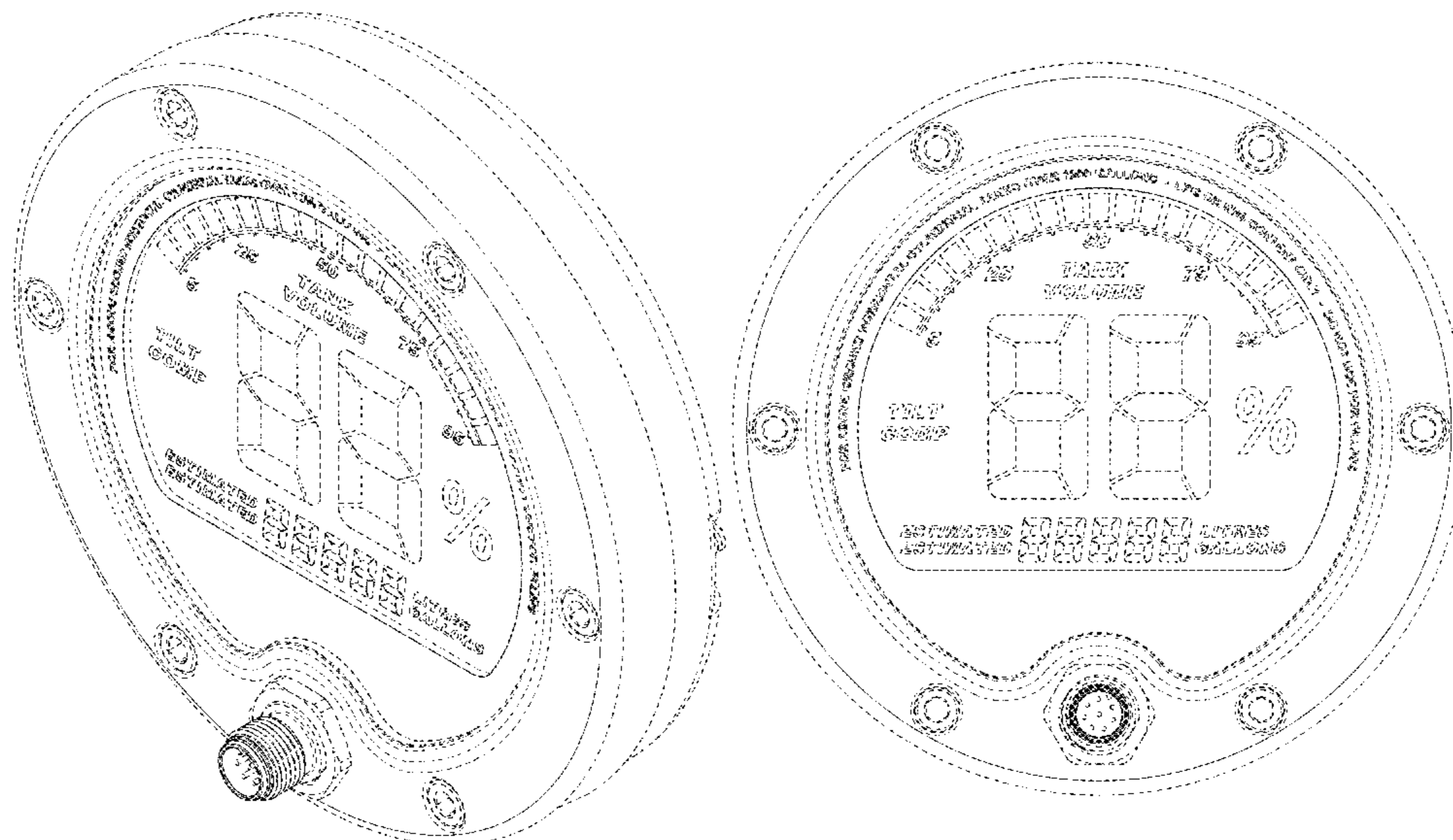
The ornamental design for a gauge, as shown and described.

**DESCRIPTION**

FIG. 1 is a front, top, right side perspective view of a gauge; FIG. 2 is a rear, bottom, left side perspective view thereof; FIG. 3 is a front view thereof; FIG. 4 is a rear view thereof; FIG. 5 is a top view thereof; FIG. 6 is a bottom view thereof; FIG. 7 is a left side view thereof; and, FIG. 8 is a right side view thereof.

In the drawings, the broken lines within the display screen represent unclaimed images and form no part of the claimed design. In the drawings, the broken lines within the body of the gauge represent unclaimed features of the gauge and form no part of the claimed design.

**1 Claim, 6 Drawing Sheets**



(56)

References Cited

U.S. PATENT DOCUMENTS

D684,835 S \* 6/2013 Haener ..... D15/140  
 D775,034 S \* 12/2016 Cook ..... D10/102  
 D787,997 S \* 5/2017 Baiz ..... D12/192  
 D803,082 S \* 11/2017 Banschbach ..... D10/85  
 9,964,427 B2 5/2018 Deak et al.  
 10,082,416 B1 9/2018 Lease et al.  
 D884,528 S \* 5/2020 Woeber ..... D10/102  
 D941,170 S \* 1/2022 Ohtani ..... D10/85  
 D943,443 S \* 2/2022 Asano ..... D10/102  
 11,300,466 B1 \* 4/2022 Hsu ..... G01L 7/043  
 D951,973 S \* 5/2022 Hoffman ..... D14/486  
 2009/0323311 A1 \* 12/2009 Mezouari ..... G01D 13/20  
 362/97.1  
 2011/0242789 A1 \* 10/2011 Kato ..... G01D 11/28  
 362/23.16  
 2016/0377459 A1 \* 12/2016 Faeth ..... G01D 5/04  
 116/292  
 2018/0099718 A1 \* 4/2018 Bleecker ..... B60K 37/02

FOREIGN PATENT DOCUMENTS

JP D1399152 \* 2/2010  
 JP D1539500 \* 4/2015

JP D1551747 \* 9/2015  
 JP D1617240 \* 3/2018  
 KR 300773310.0000 \* 9/2013  
 WO 2006/076968 A1 7/2006

OTHER PUBLICATIONS

Neoteck Store, Rechargeable Digital Dial Indicator Gauge, Date first available May 6, 2020, [online]retrieved Feb. 9, 2022, available from [https://www.amazon.com/dp/B08867MMBB/ref=sspa\\_dk\\_detail\\_5?pd\\_rd\\_i=B08867MMBB&pd\\_rd\\_w=S1W0I&pf\\_rd\\_p=9fd3ea7c-b77c-42ac-b43b-c872d3f37c38&pd\\_rd\\_wg=TPxQi&pf\\_rd\\_r=K0BNZ6JPW1](https://www.amazon.com/dp/B08867MMBB/ref=sspa_dk_detail_5?pd_rd_i=B08867MMBB&pd_rd_w=S1W0I&pf_rd_p=9fd3ea7c-b77c-42ac-b43b-c872d3f37c38&pd_rd_wg=TPxQi&pf_rd_r=K0BNZ6JPW1) (Year: 2020).\*

Ellen Kriz, Digital dial system measures liquid levels, Date first available Dec. 30, 2020, [online]retrieved Feb. 9, 2022, available from <https://www.lpgasmagazine.com/digital-dial-system-measures-liquid-levels/> (Year: 2020).\*

Rochester Gauges, LLC, E-Dial Magnetel Electronic Dial for Transports and Bobtails, <https://rochestergauges.com/product/e-dial/>, Apr. 5, 2019, 4 pages.

Rochester Gauges, LLC, E-Dial Magnetel Electronic Dial for Transports and Bobtails, [https://rochestergauges.com/wp-content/uploads/E-Dial\\_2019.pdf](https://rochestergauges.com/wp-content/uploads/E-Dial_2019.pdf), Apr. 5, 2019, 1 page.

\* cited by examiner



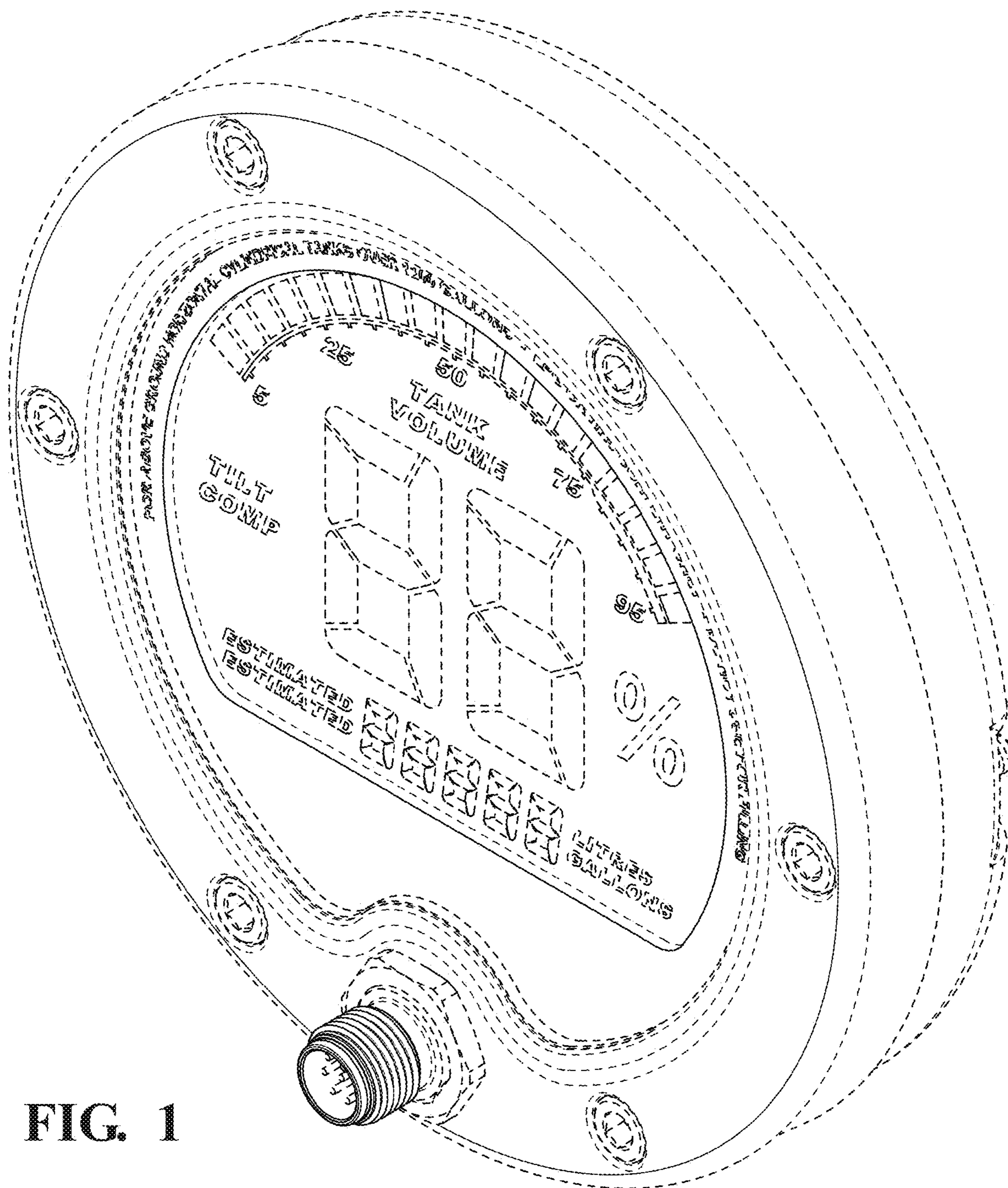
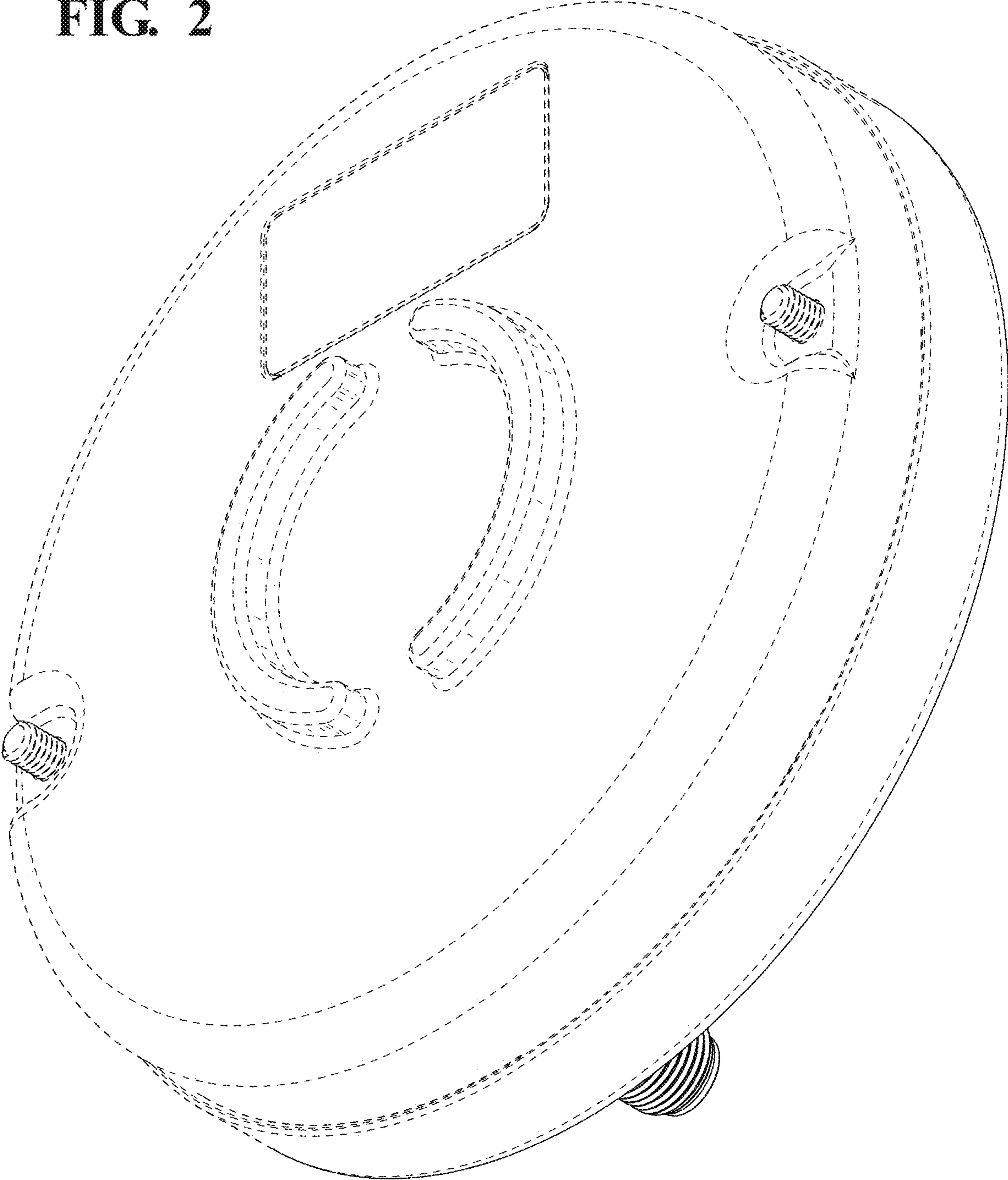


FIG. 2



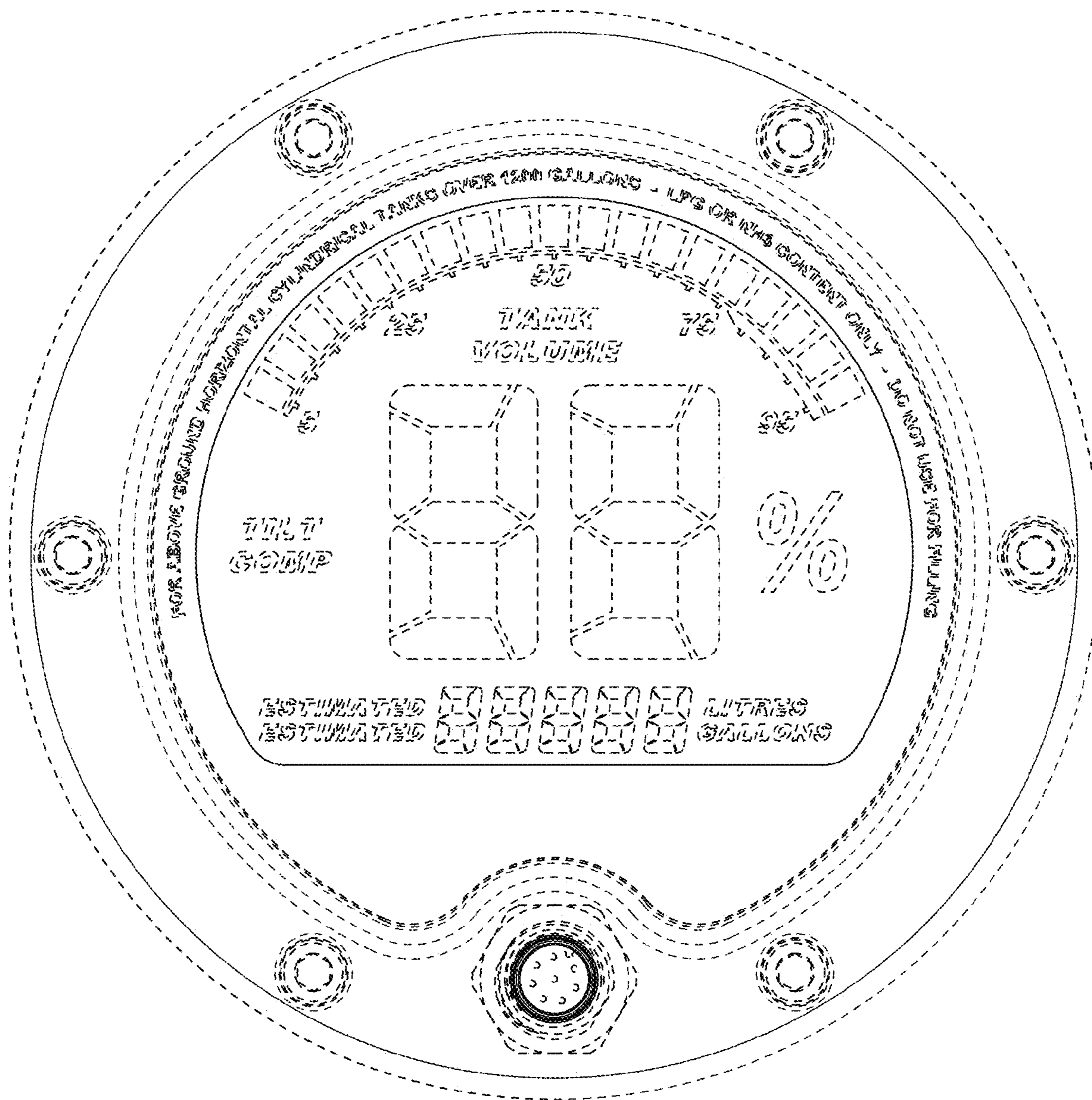


FIG. 3



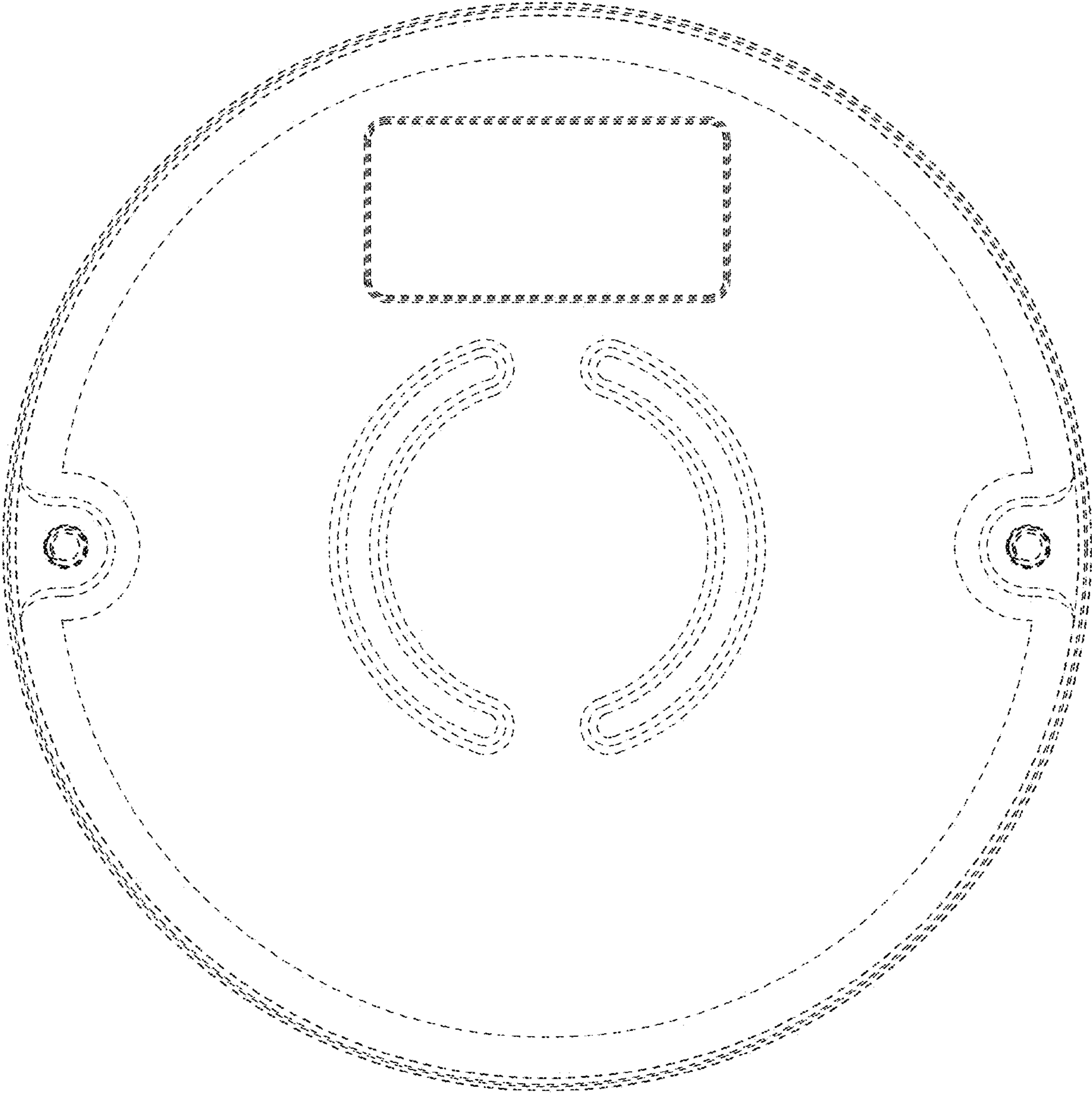


FIG. 4

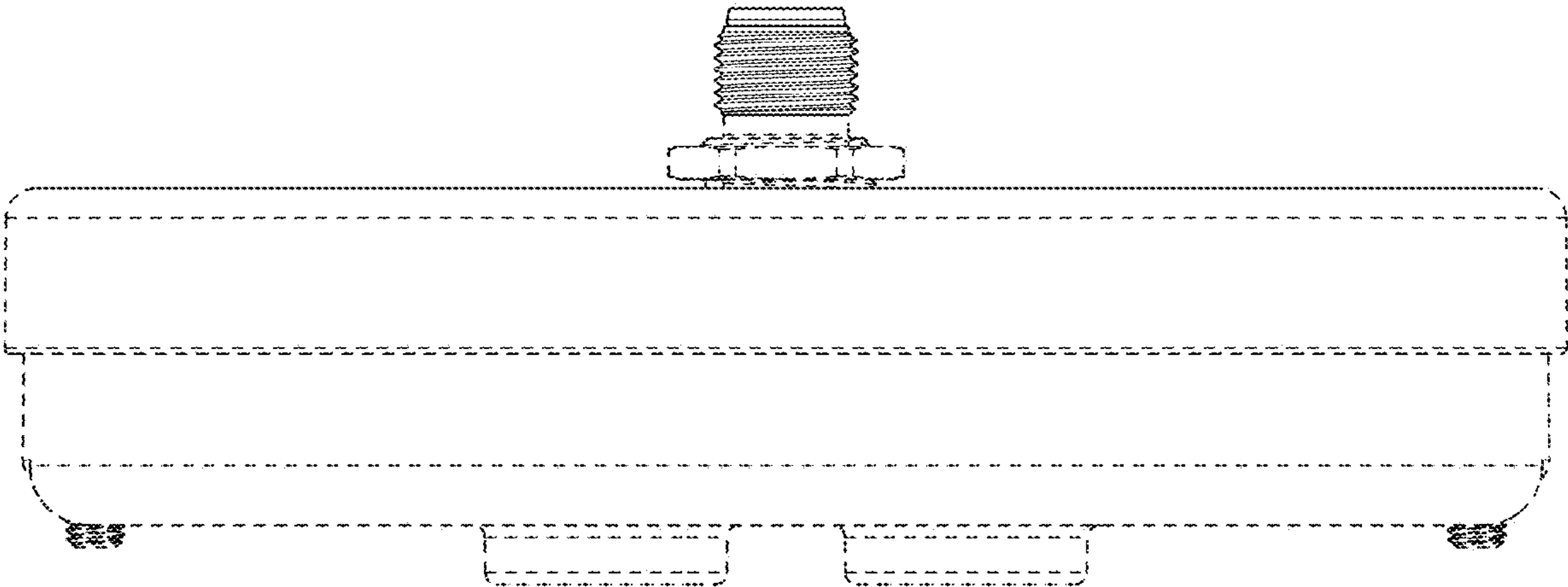


FIG. 5

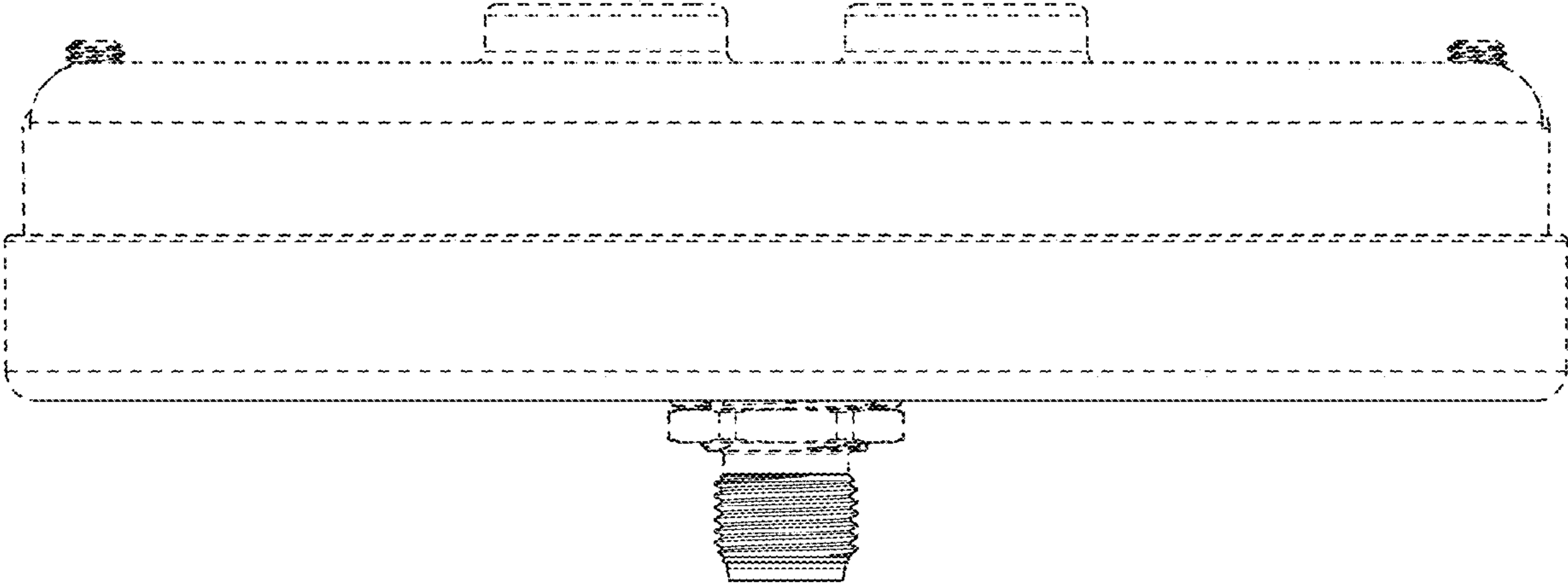


FIG. 6

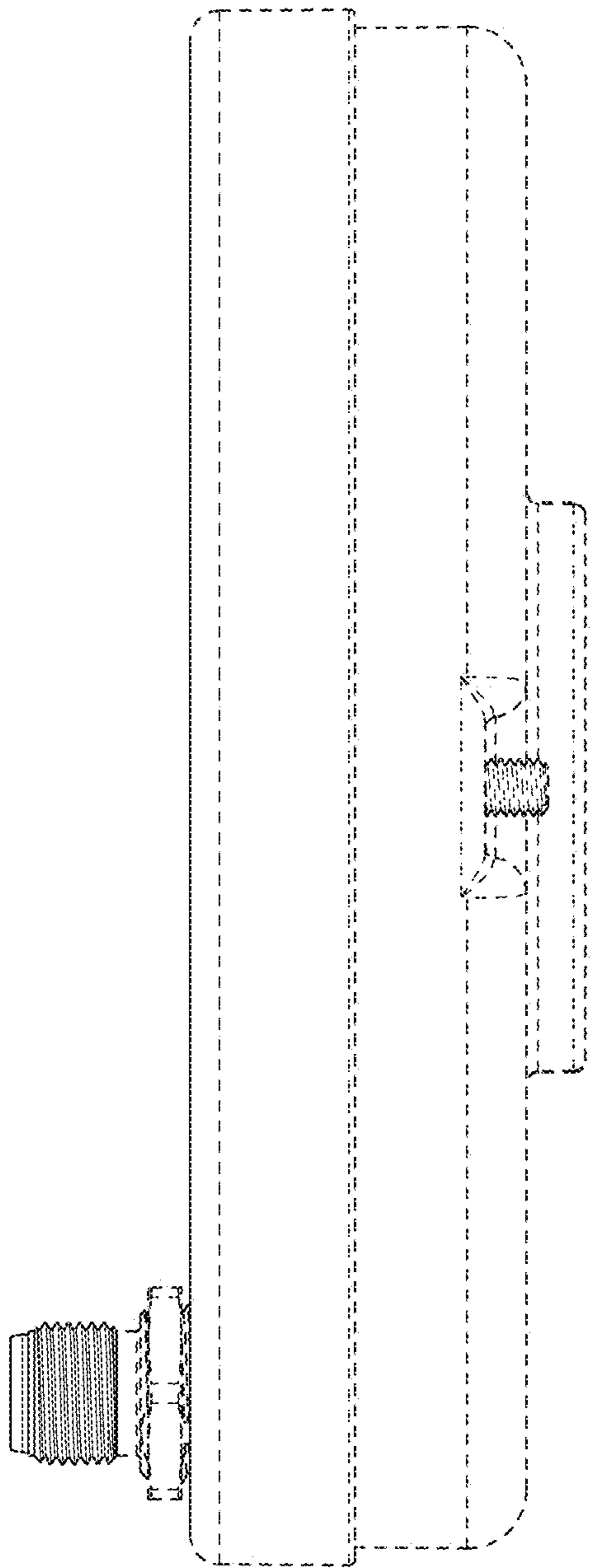


FIG. 7

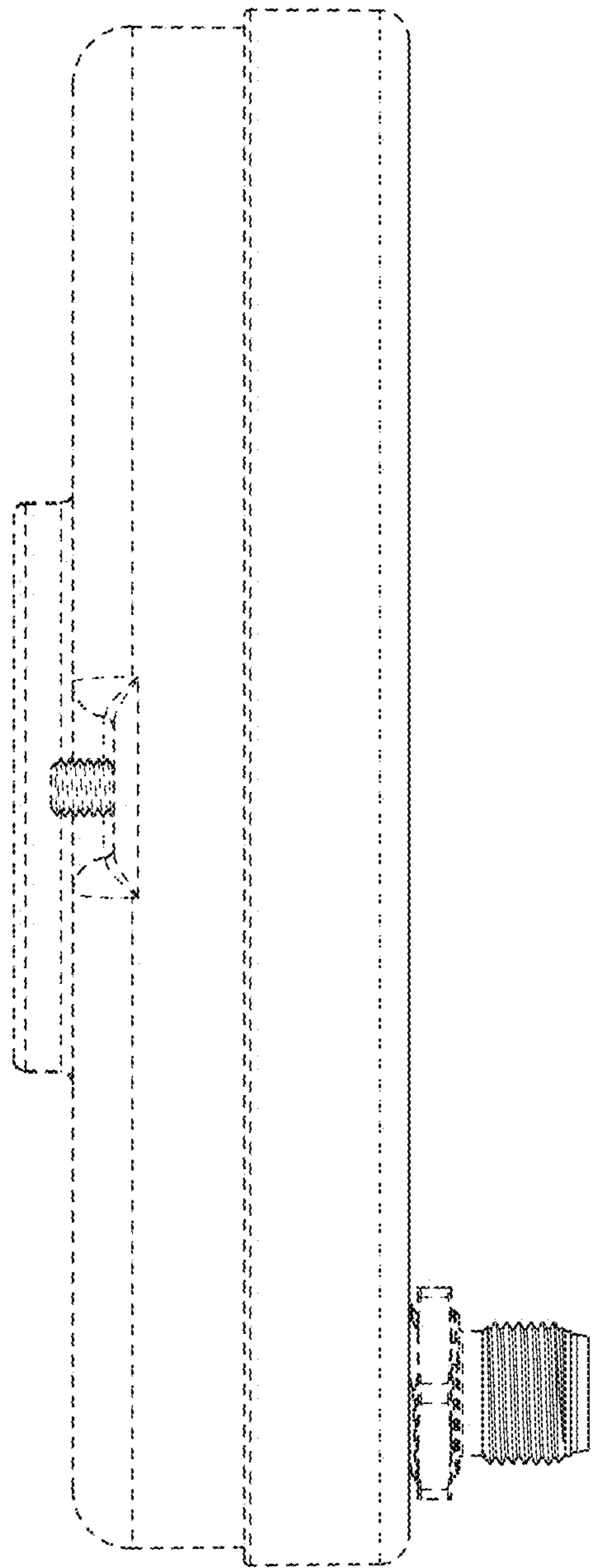


FIG. 8