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

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(54) **WATER TIMER**

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(US)

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

(21) Appl. No.: **29/402,016**

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4,722,478 A	2/1988	Fletcher et al.
D295,779 S	5/1988	Bruninga et al.
D295,890 S	5/1988	Bruninga et al.
4,744,515 A	5/1988	Watanabe
D298,962 S	12/1988	Bruninga
4,797,820 A	1/1989	Wilson et al.
4,807,664 A	2/1989	Wilson et al.
4,858,827 A	8/1989	Fletcher et al.
D304,224 S	10/1989	Wilson et al.
4,873,650 A	10/1989	Reeves, Jr.
4,921,001 A	5/1990	Pittsinger

(Continued)

**OTHER PUBLICATIONS**

2006 Orbit Sun Mate Installation and User's Guide, pp. 1-2.

(Continued)

**Related U.S. Application Data**

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12, 2011, now Pat. No. Des. 647,411.

(51) **LOC (9) Cl.** ..... **10-03**

(52) **U.S. Cl.**  
USPC ..... **D10/40**

(58) **Field of Classification Search** ..... D10/40;  
239/68, 69, 70; 137/624.11, 624.12, 624.21,  
137/624.22, 624.18, 624.13, 624.15; D23/245  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

3,912,167 A	10/1975	Simon
4,004,258 A	1/1977	Arnold
4,108,419 A	8/1978	Sturman et al.
4,130,135 A	12/1978	Moore
4,280,530 A	7/1981	Yi
4,526,198 A	7/1985	Scott
D281,808 S	12/1985	Lemkin
4,592,505 A	6/1986	Bruninga et al.
4,633,905 A	1/1987	Wang
4,708,264 A	11/1987	Bruninga

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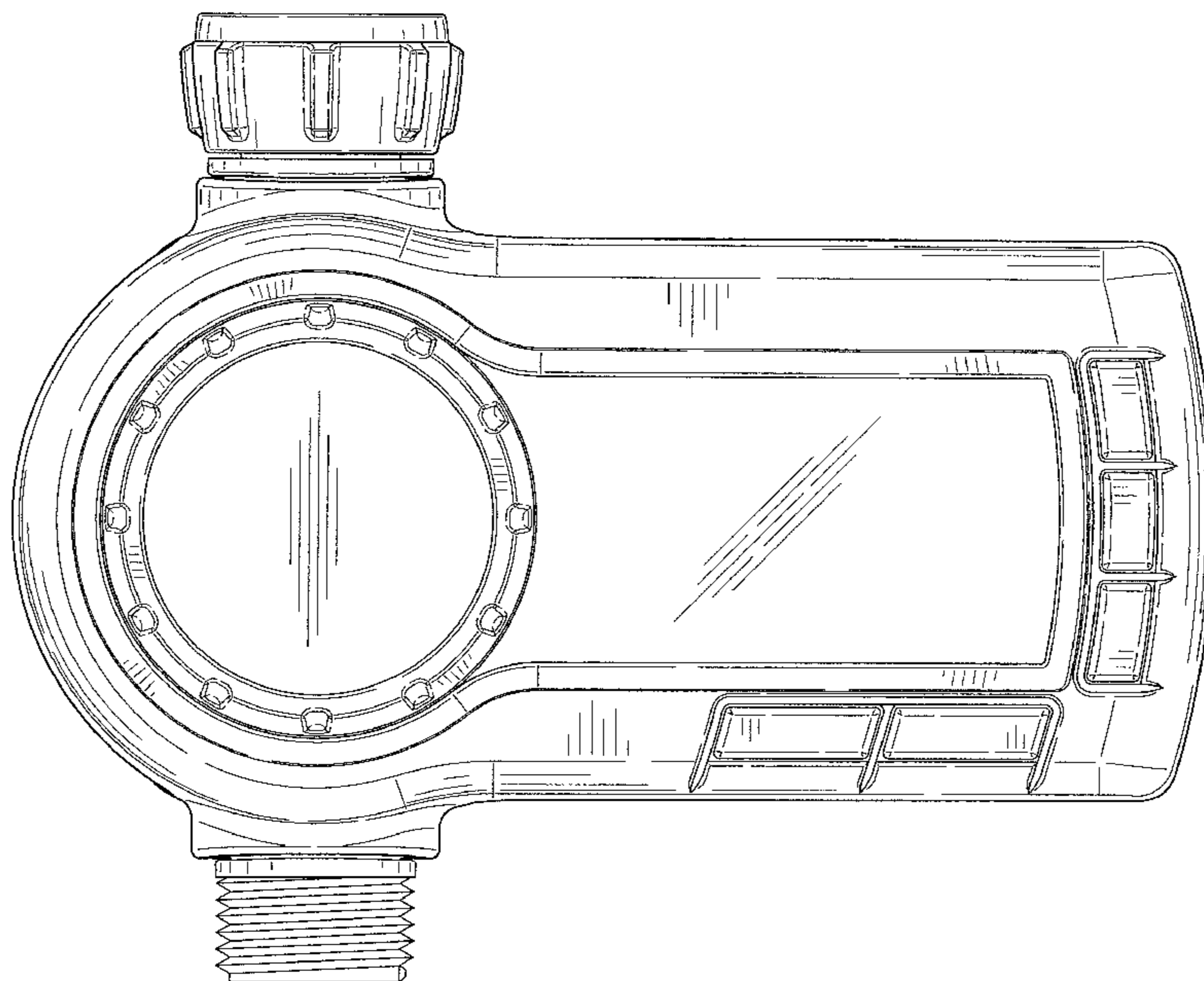
(57) **CLAIM**

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

**DESCRIPTION**

FIG. 1 is a perspective view of a water timer;  
FIG. 2 is a front elevational view of the water timer of FIG. 1;  
FIG. 3 is a left side elevational view of the water timer of FIG.  
1;  
FIG. 4 is a right side elevational view of the water timer of  
FIG. 1;  
FIG. 5 is a rear elevational view of the water timer of FIG. 1;  
FIG. 6 is a top view of the water timer of FIG. 1; and,  
FIG. 7 is a bottom view of the water timer of FIG. 1.  
The broken lines in the foregoing drawings are for the pur-  
pose of illustration and form no part of the claimed design.

**1 Claim, 7 Drawing Sheets**



# US D682,714 S

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## U.S. PATENT DOCUMENTS

5,101,859 A 4/1992 Roman  
5,135,168 A 8/1992 Wang  
5,262,936 A 11/1993 Faris et al.  
5,402,812 A 4/1995 Moineau et al.  
5,470,043 A 11/1995 Marts et al.  
D365,771 S 1/1996 Clivio  
D386,985 S 12/1997 Cameron  
5,826,619 A 10/1998 Roman  
5,915,665 A 6/1999 Paese et al.  
5,960,813 A 10/1999 Sturman et al.  
6,053,416 A 4/2000 Specht et al.  
D430,044 S 8/2000 Clivio  
D431,195 S 9/2000 Clivio  
6,257,264 B1 7/2001 Sturman et al.  
6,283,139 B1 9/2001 Symonds et al.  
D451,037 S 11/2001 Jacobs et al.  
D451,411 S 12/2001 Jacobs et al.  
D451,412 S 12/2001 Jacobs et al.  
6,337,635 B1 1/2002 Ericksen et al.  
6,397,888 B1 6/2002 Wang  
6,460,563 B2 10/2002 Olson et al.  
D467,187 S 12/2002 Clivio  
6,547,211 B2 4/2003 Roman  
D477,287 S 7/2003 Roman  
D485,502 S 1/2004 Clivio  
6,694,223 B1 2/2004 Goldberg et al.  
6,719,010 B1 4/2004 Yi-Chang  
6,749,136 B1 6/2004 Wilson et al.  
6,827,288 B2 12/2004 Noelke  
6,955,333 B2 10/2005 Patterson et al.  
6,986,364 B1 1/2006 Wang  
6,989,364 B1 1/2006 Jin et al.  
7,121,477 B1 10/2006 Noelke  
7,203,576 B1 4/2007 Wilson et al.  
7,252,113 B2 8/2007 Jacobs et al.  
7,286,904 B2 10/2007 Graham  
D559,708 S 1/2008 Michael et al.  
D567,680 S 4/2008 Michael et al.  
D567,681 S 4/2008 Michael et al.

7,404,415 B2 7/2008 Jacobs et al.  
D604,183 S 11/2009 Zore et al.  
D604,184 S 11/2009 Leer et al.  
7,619,322 B2 11/2009 Gardner et al.  
7,735,513 B2 6/2010 Bush  
7,761,189 B2 7/2010 Froman et al.  
7,810,515 B2 10/2010 Nies et al.  
D642,077 S \* 7/2011 Nies et al. .... D10/40  
D643,755 S \* 8/2011 Nies et al. .... D10/40  
2005/0060065 A1 3/2005 King-Yuan  
2005/0082503 A1 4/2005 Patterson et al.  
2005/0167625 A1 8/2005 Deen  
2005/0199842 A1 9/2005 Parsons et al.  
2008/0251601 A1 10/2008 Nies et al.  
2008/0255708 A1 10/2008 Nies et al.  
2009/0001193 A1 1/2009 Parsons et al.  
2009/0008472 A1 1/2009 Wilson  
2009/0025807 A1 1/2009 August et al.  
2009/0126801 A1 5/2009 Grill et al.  
2009/0179165 A1 7/2009 Parsons et al.  
2010/0163126 A1 7/2010 Leer et al.  
2010/0198418 A1 8/2010 Williams et al.  
2010/0230510 A1 9/2010 Wilson  
2011/0089351 A1 4/2011 Spadotto et al.  
2011/0118881 A1 5/2011 Tai  
2011/0215168 A1 9/2011 Mayher  
2011/0226363 A1 9/2011 Yu

## OTHER PUBLICATIONS

2006 User's Manual: Sprinkler timers by Orbit, pp. 1-19, 52, 53.  
2007 Installation manual/ User's Manual: Sprinkler Timers by Orbit, pp. 1-22.  
2007 Orbit Battery Operated Sprinkler Timer with Inline Valve User manual, pp. 1-8.  
2007 Orbit Installation Manual/ User's Manual, pp. 1-2.  
2007 Orbit ST2-RF Sprinkler Timer Manual, pp. 1-19.  
2007 Orbit Touch-Screen Timer Manual, pp. 1-16.

\* cited by examiner

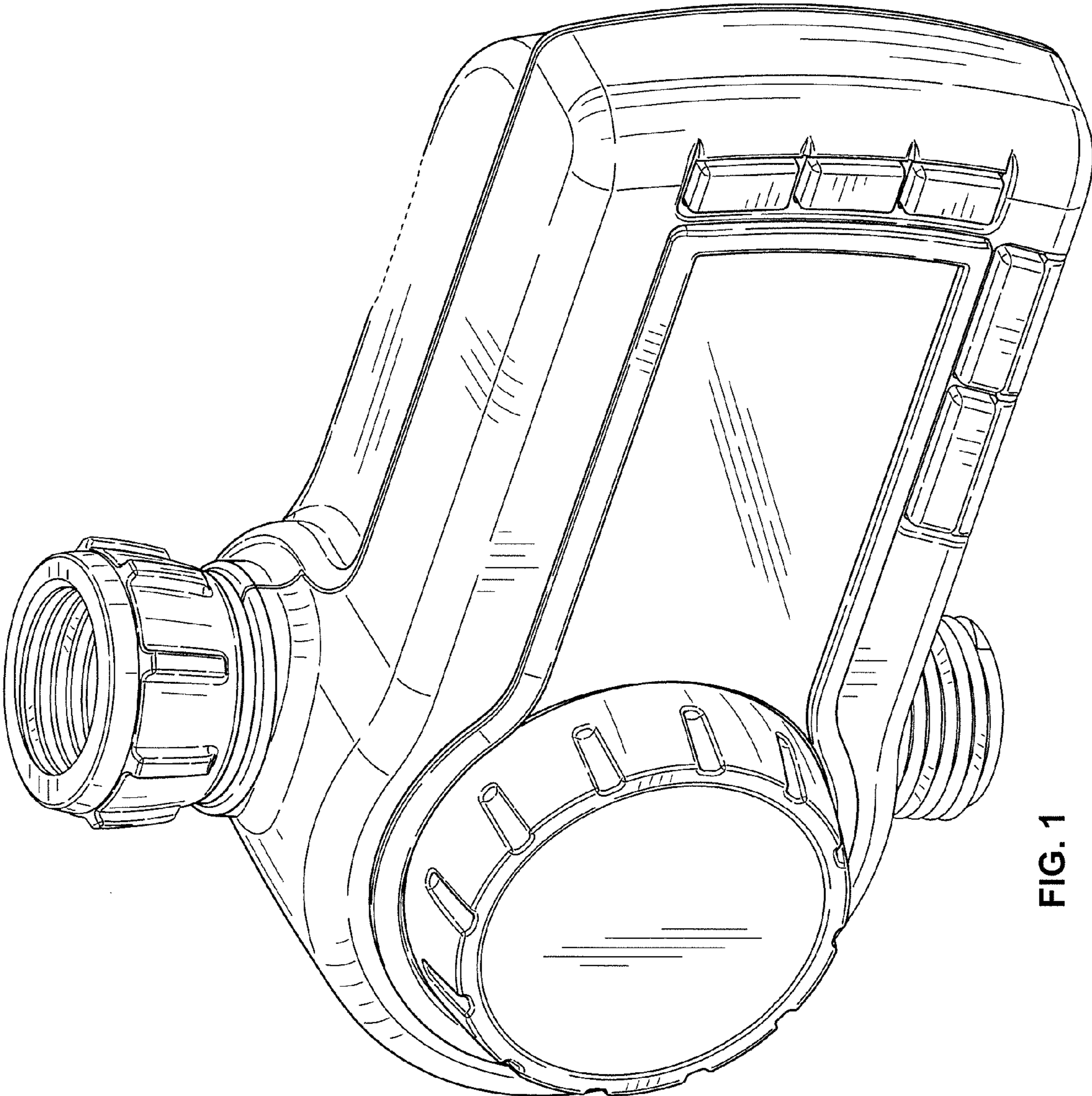


FIG. 1

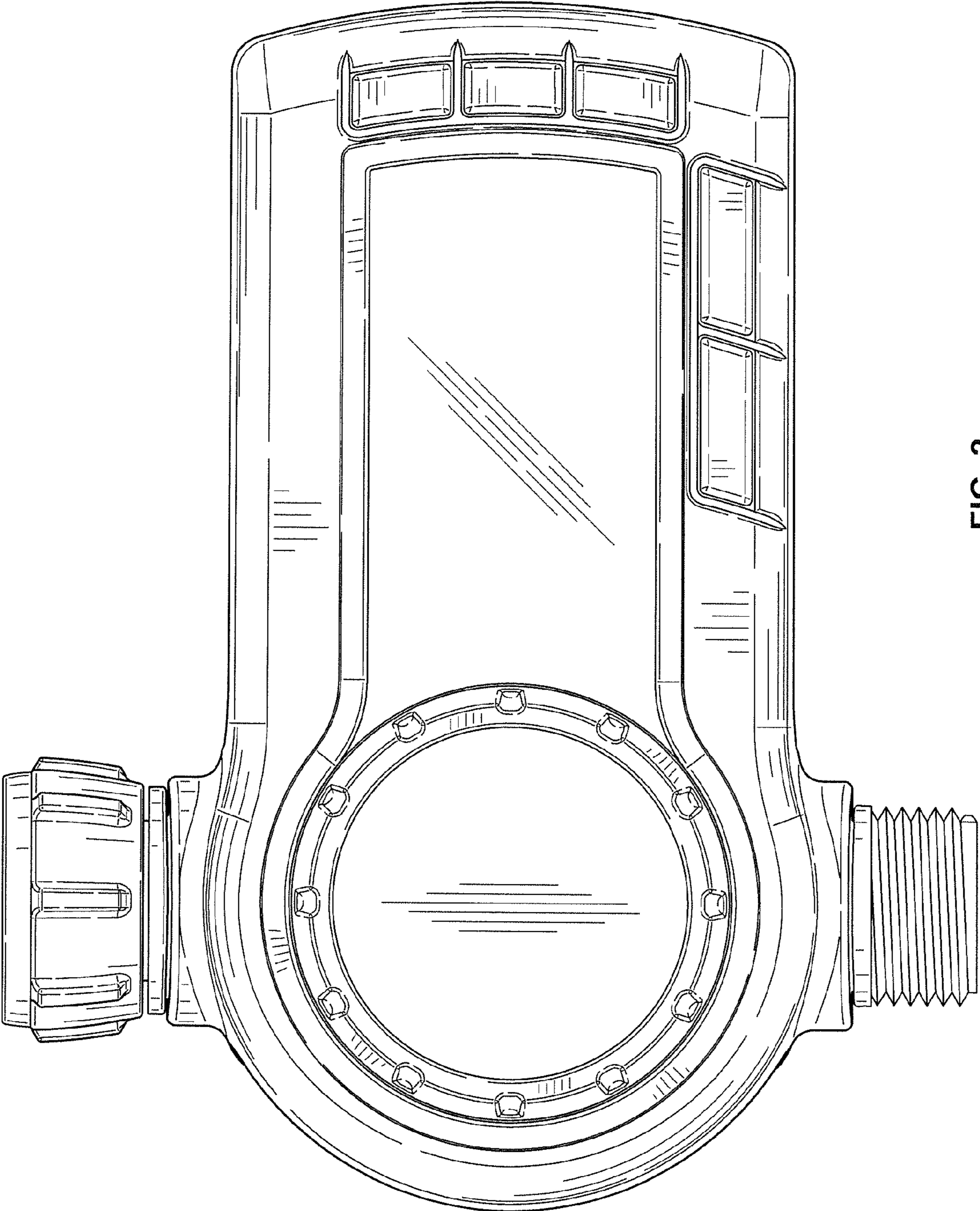


FIG. 2

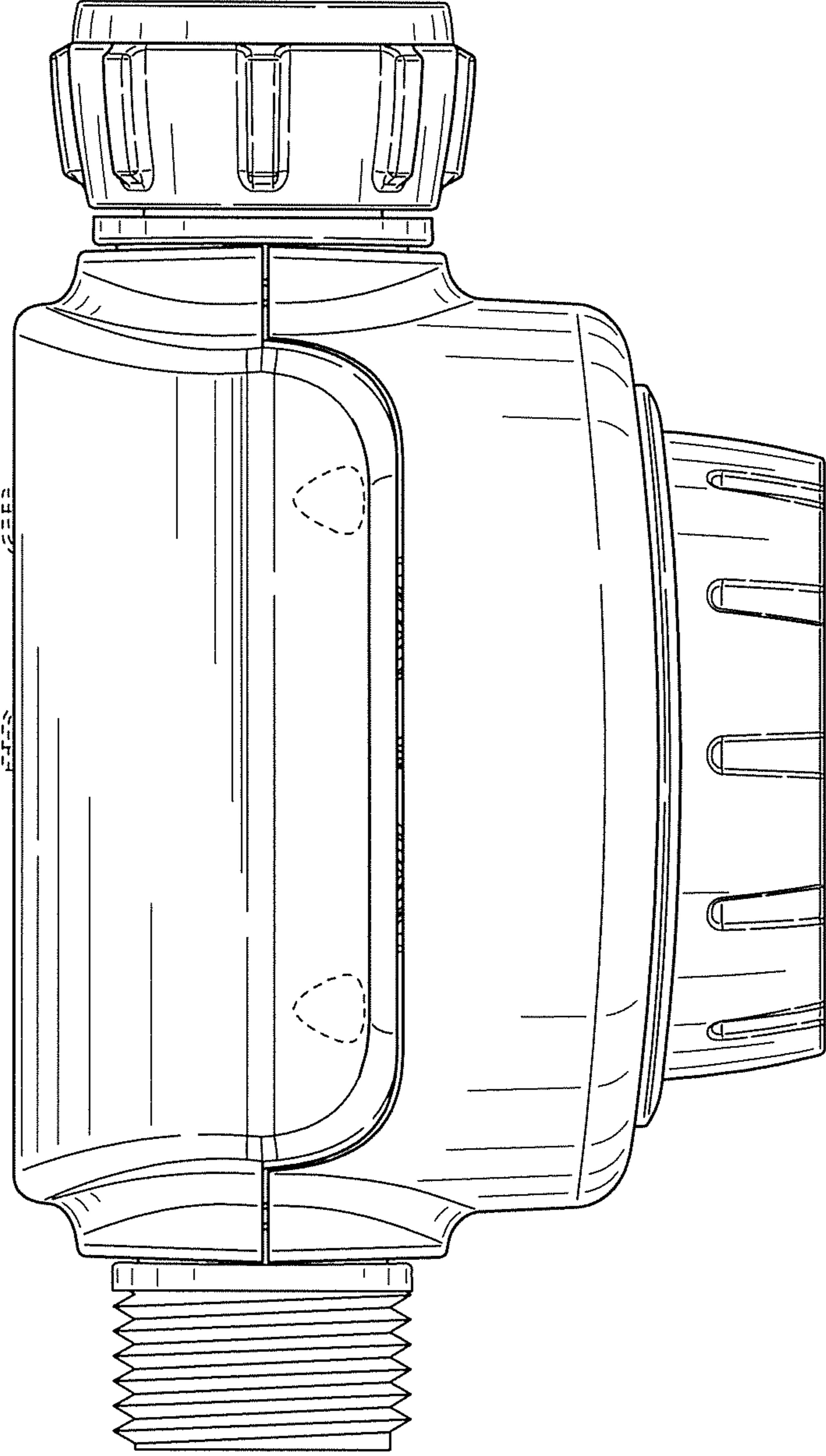


FIG. 3

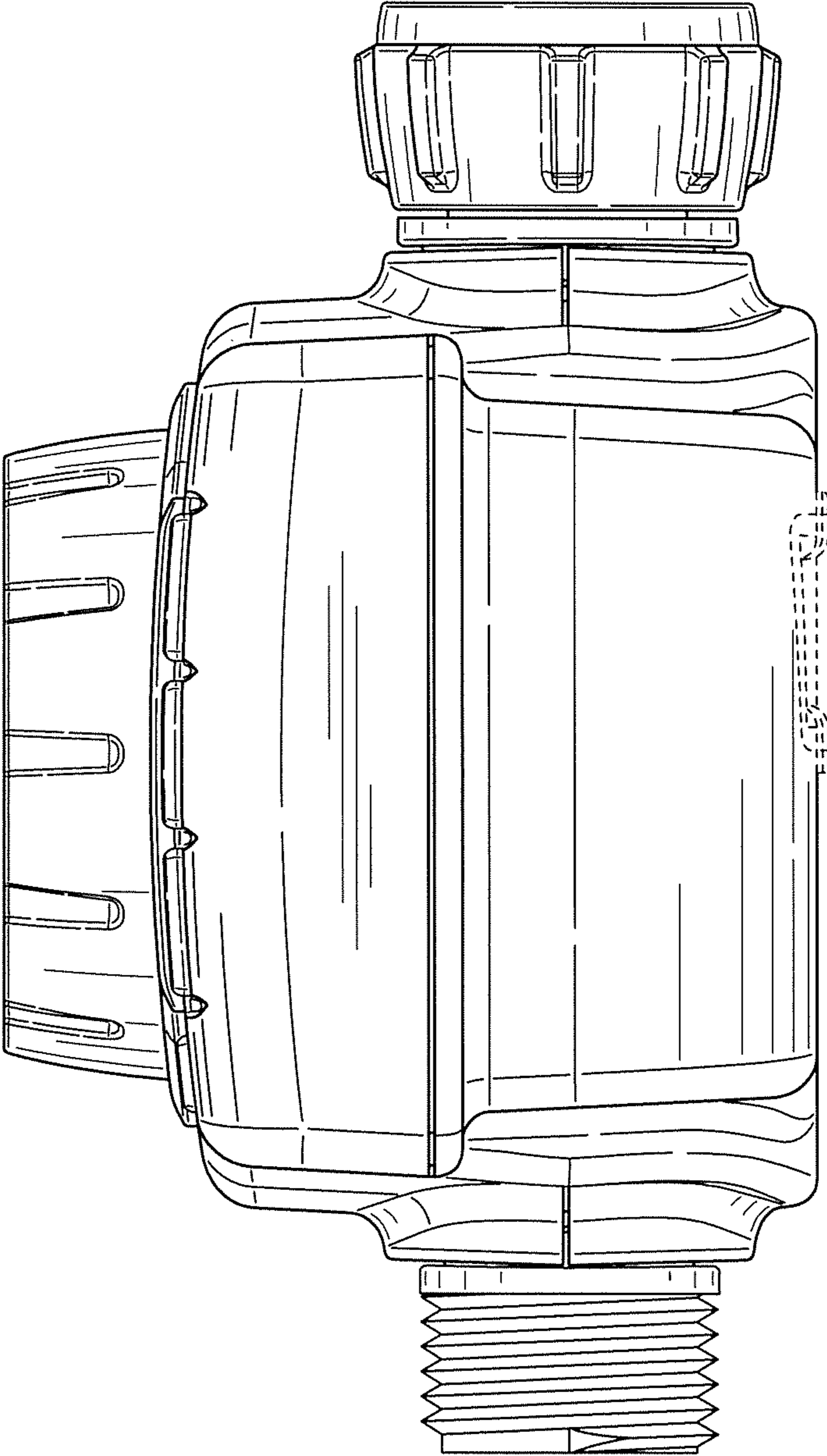


FIG. 4

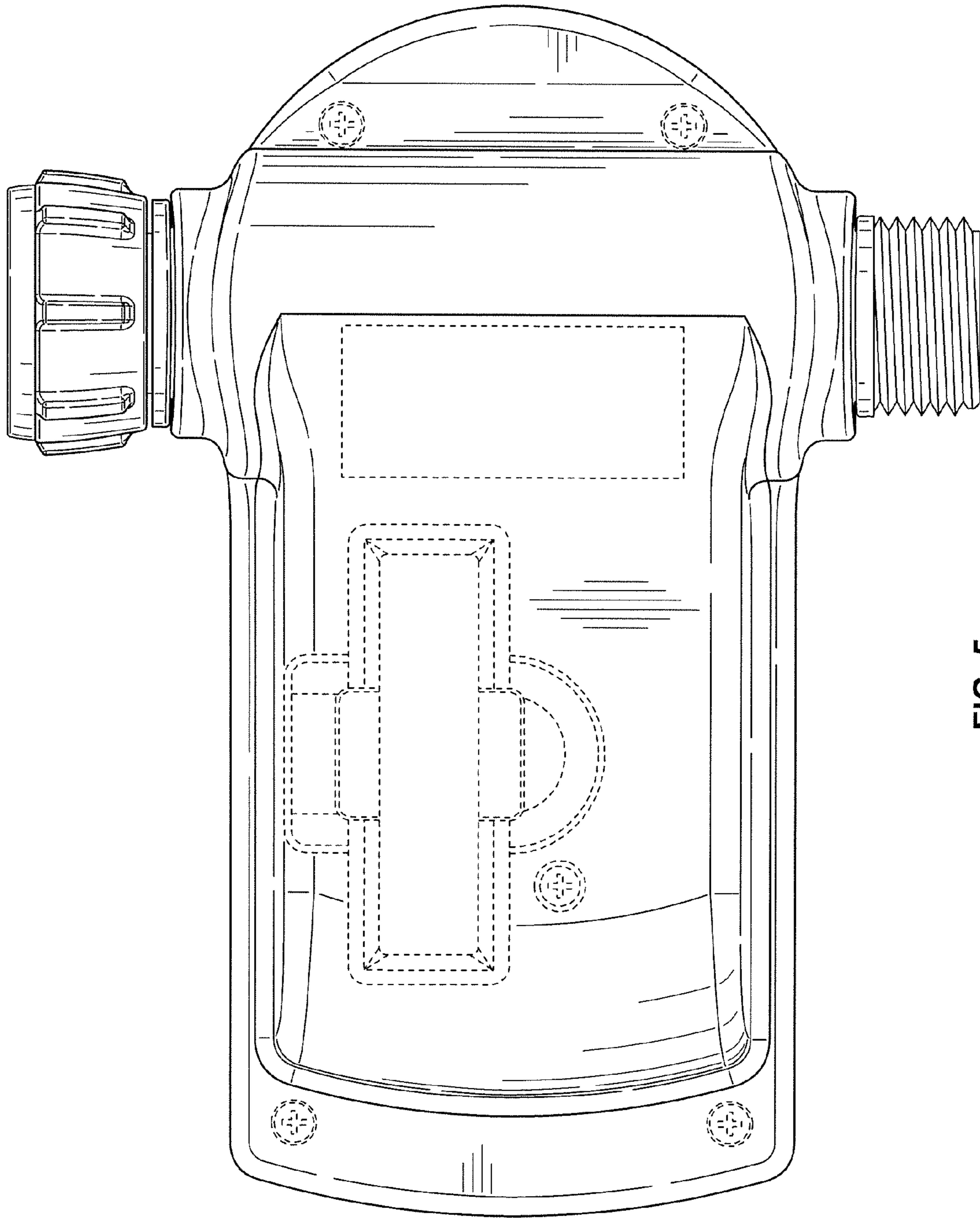


FIG. 5

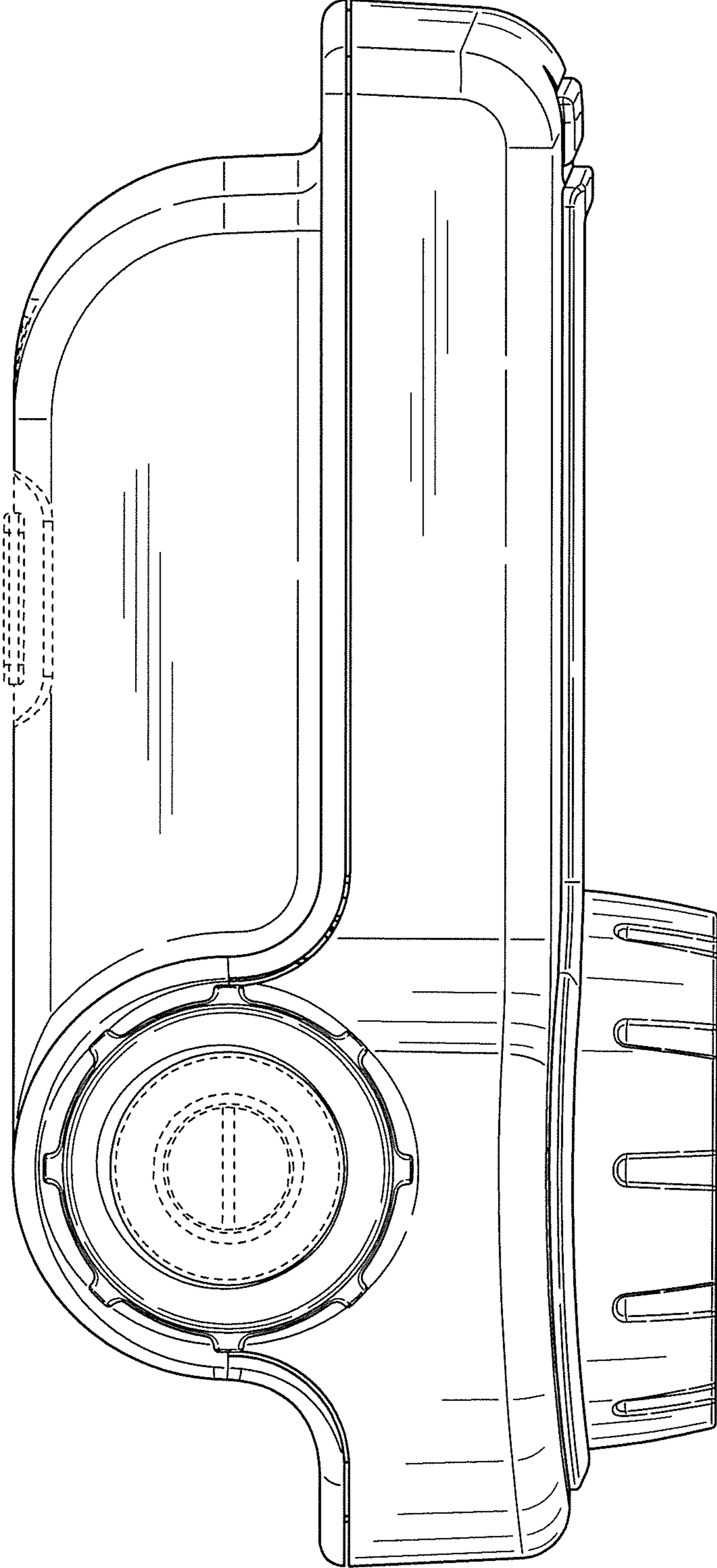


FIG. 6



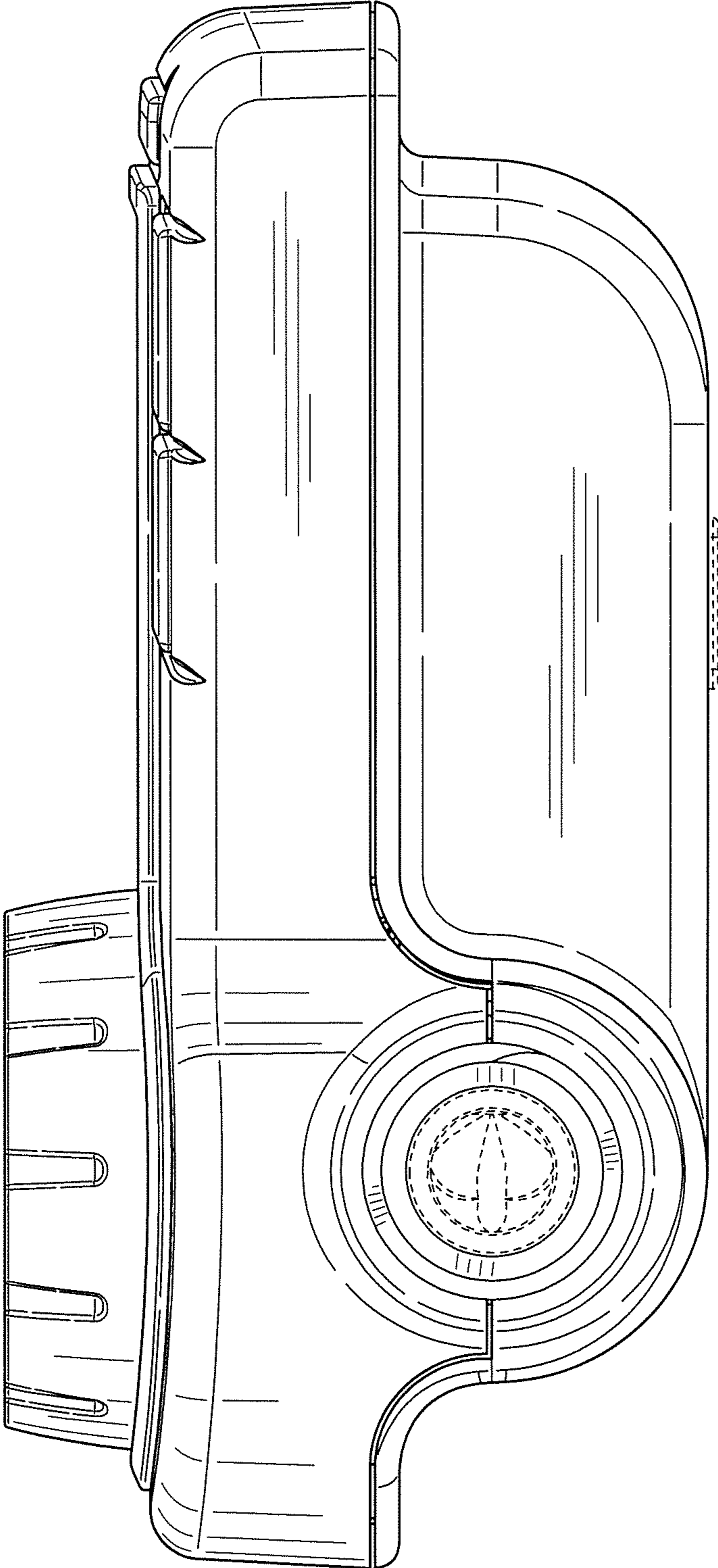


FIG. 7