



US00D813478S

(12) **United States Design Patent** (10) **Patent No.:** **US D813,478 S**
Erlich et al. (45) **Date of Patent:** **** Mar. 20, 2018**

(54) **HAND-HELD SUBMERSIBLE AQUARIUM
POWER CLEANER**

(71) Applicant: **Water Technology LLC**

(72) Inventors: **Guy Erlich**, Monroe Township, NJ
(US); **John A. Many**, Garnerville, NY
(US); **Thomas Lorys**, Linden, NJ (US);
Jonathan Elmaleh, Brooklyn, NY
(US); **Curtis Elliot**, Washington, NJ
(US); **James Kosmyna**, Old Bridge, NJ
(US)

(73) Assignee: **WATER TECHNOLOGY LLC.**, East
Brunswick, NJ (US)

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

(21) Appl. No.: **29/572,519**

(22) Filed: **Jul. 28, 2016**

(51) **LOC (11) Cl.** **15-05**

(52) **U.S. Cl.**
USPC **D32/31**

(58) **Field of Classification Search**

USPC D32/17, 21-24, 31
CPC D06F 87/00; D06F 75/06; D06F 73/00;
F22B 1/284; F24F 6/025; B44C 7/027;
A47L 11/34; A47L 9/2842; A04H 4/1636;
A04H 4/1654; A04H 4/169; E04H
4/1272; B01D 35/26

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

4,962,559 A * 10/1990 Schuman E04H 4/1618
15/1.7
D317,678 S * 6/1991 Butcher D32/22
6,448,494 B1 * 9/2002 Erlich E04H 4/1654
174/10

D487,826 S * 3/2004 Supra D32/25
D522,700 S * 6/2006 Rademeyer D32/15
7,178,188 B1 * 2/2007 Jaakola E04H 4/1636
15/1.7
D558,943 S * 1/2008 Labarbera D32/31
7,328,473 B2 * 2/2008 Deklinski E04H 4/1636
15/1.7
7,437,790 B1 * 10/2008 Ajello E04H 4/1636
15/1.7
7,520,015 B1 * 4/2009 Ajello E04H 4/1636
15/1.7
D660,526 S * 5/2012 Erlich D32/18
8,281,441 B1 * 10/2012 Erlich E04H 4/1618
15/1.7
8,640,275 B2 * 2/2014 Lawson E04H 4/0025
4/506

(Continued)

Primary Examiner — Ruth McInroy

(74) *Attorney, Agent, or Firm* — Abelman, Frayne &
Schwab

(57) **CLAIM**

The ornamental design for a hand-held submersible
aquarium power cleaner, as shown and described.

DESCRIPTION

FIG. 1 is a top, front, right side perspective view of a first
embodiment of a hand-held submersible aquarium power
cleaner showing our new design;

FIG. 2 is a top plan view thereof;

FIG. 3 is a right side elevational view thereof;

FIG. 4 is a left side elevational view thereof;

FIG. 5 is a front elevational view thereof;

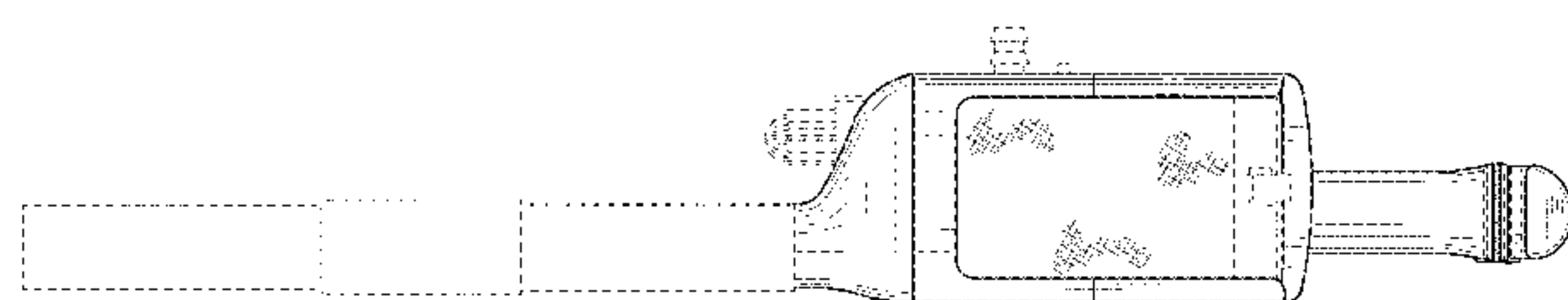
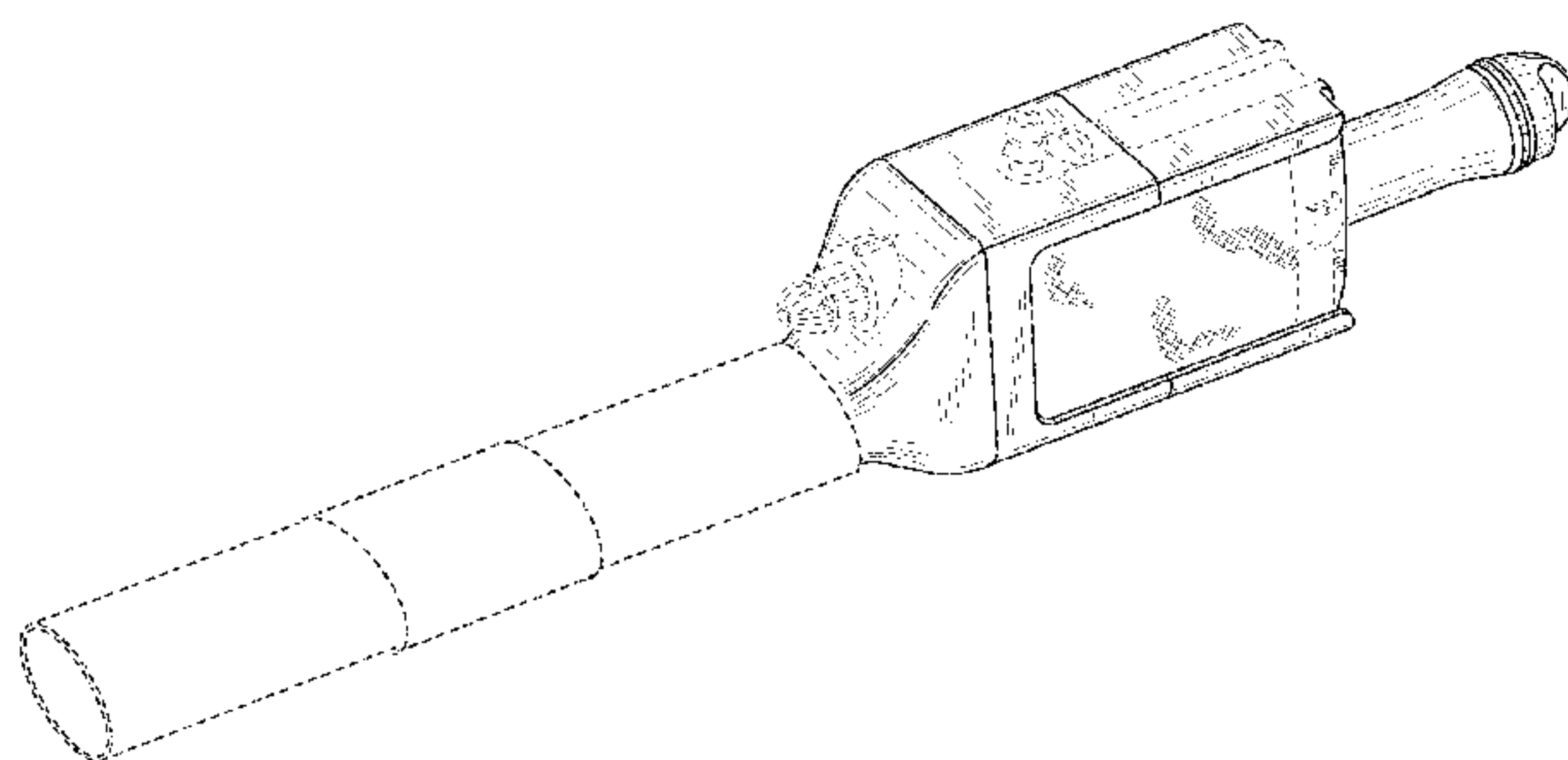
FIG. 6 is a rear elevational view thereof; and,

FIG. 7 is a bottom plan view thereof.

The crosshatch shading in FIGS. 1-4 is understood to repeat
throughout the indicated area.

The broken lines showing structural features are included for
the purpose of illustrating non-claimed subject matter and
form no part of the claimed design.

1 Claim, 7 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D713,110	S	*	9/2014	Erlich		D32/33
D723,229	S	*	2/2015	Schjelderup		D32/21
9,091,092	B1	*	7/2015	Hui		E04H 4/1636
D770,105	S	*	10/2016	Kim		D32/22
9,546,493	B2	*	1/2017	Chen		E04H 4/1636
D785,260	S	*	4/2017	Lin		D32/31
2003/0101523	A1	*	6/2003	Lepley, Jr.		E04H 4/1636
						15/1.7
2005/0247613	A1	*	11/2005	Bishop		E04H 4/1654
						210/167.16
2006/0064825	A1	*	3/2006	Reed		E04H 4/1636
						15/1.7

* cited by examiner

FIG. 1

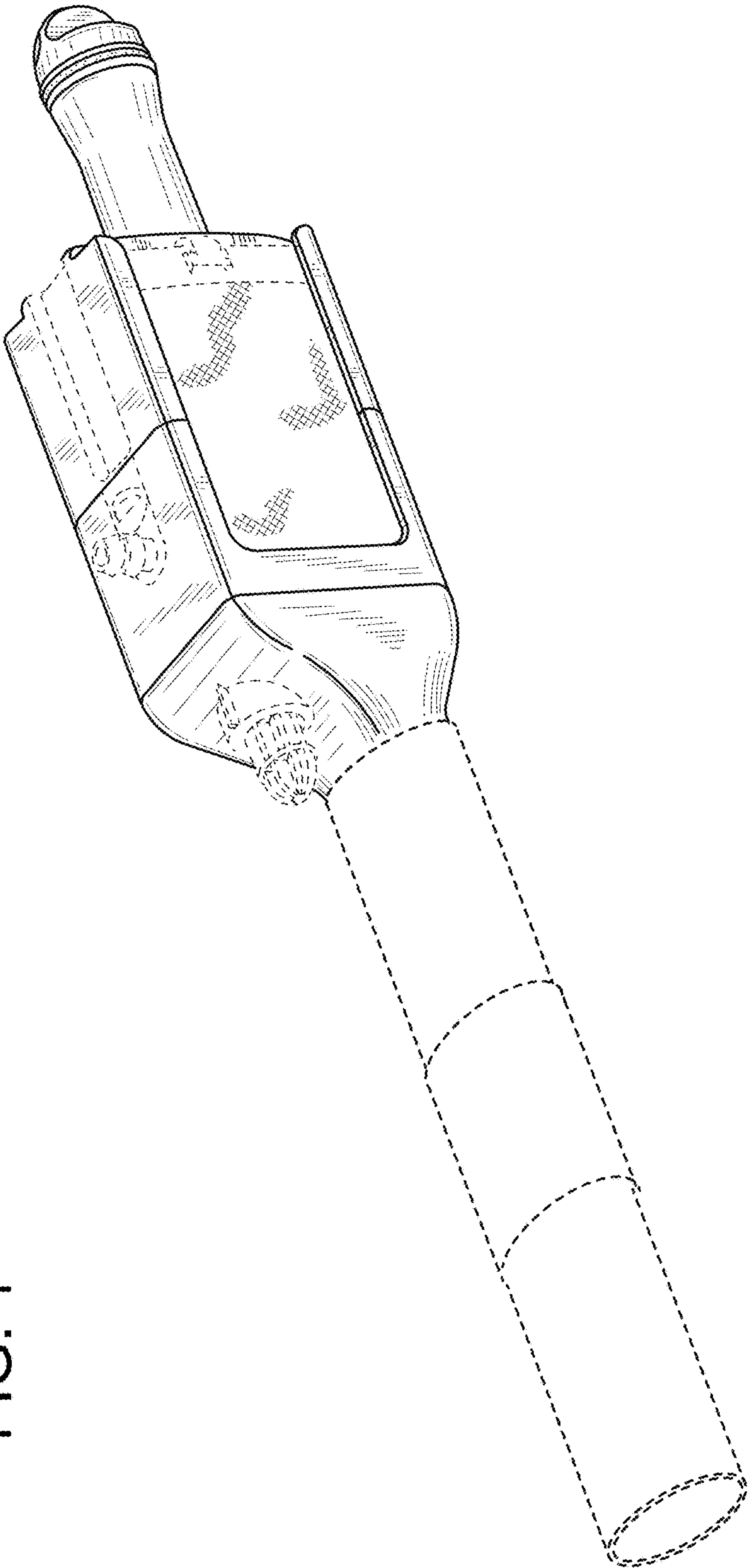


FIG. 2

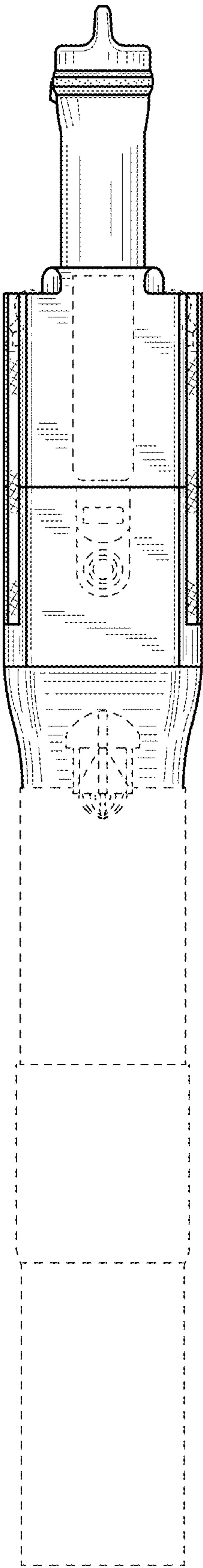


FIG. 3

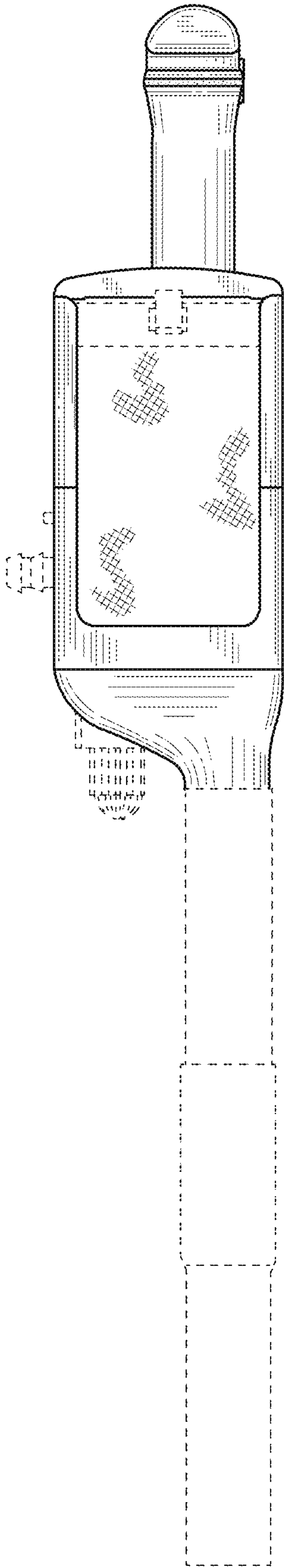
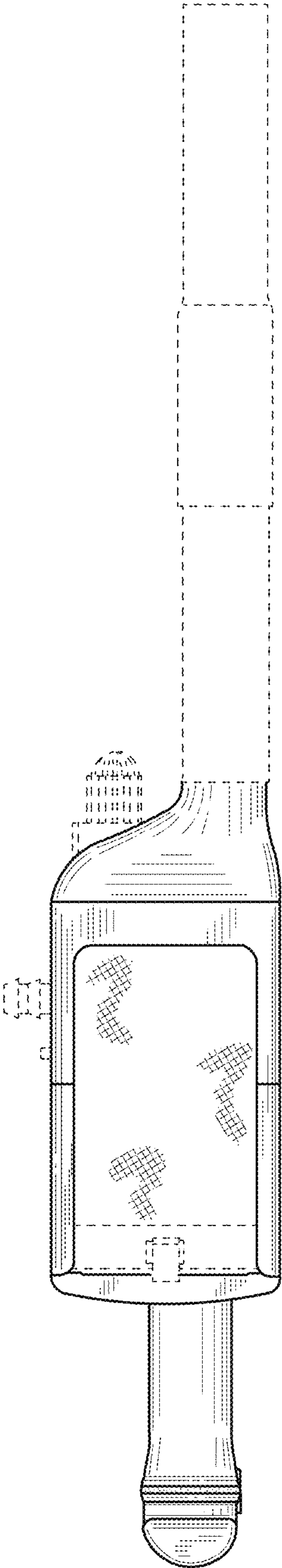


FIG. 4



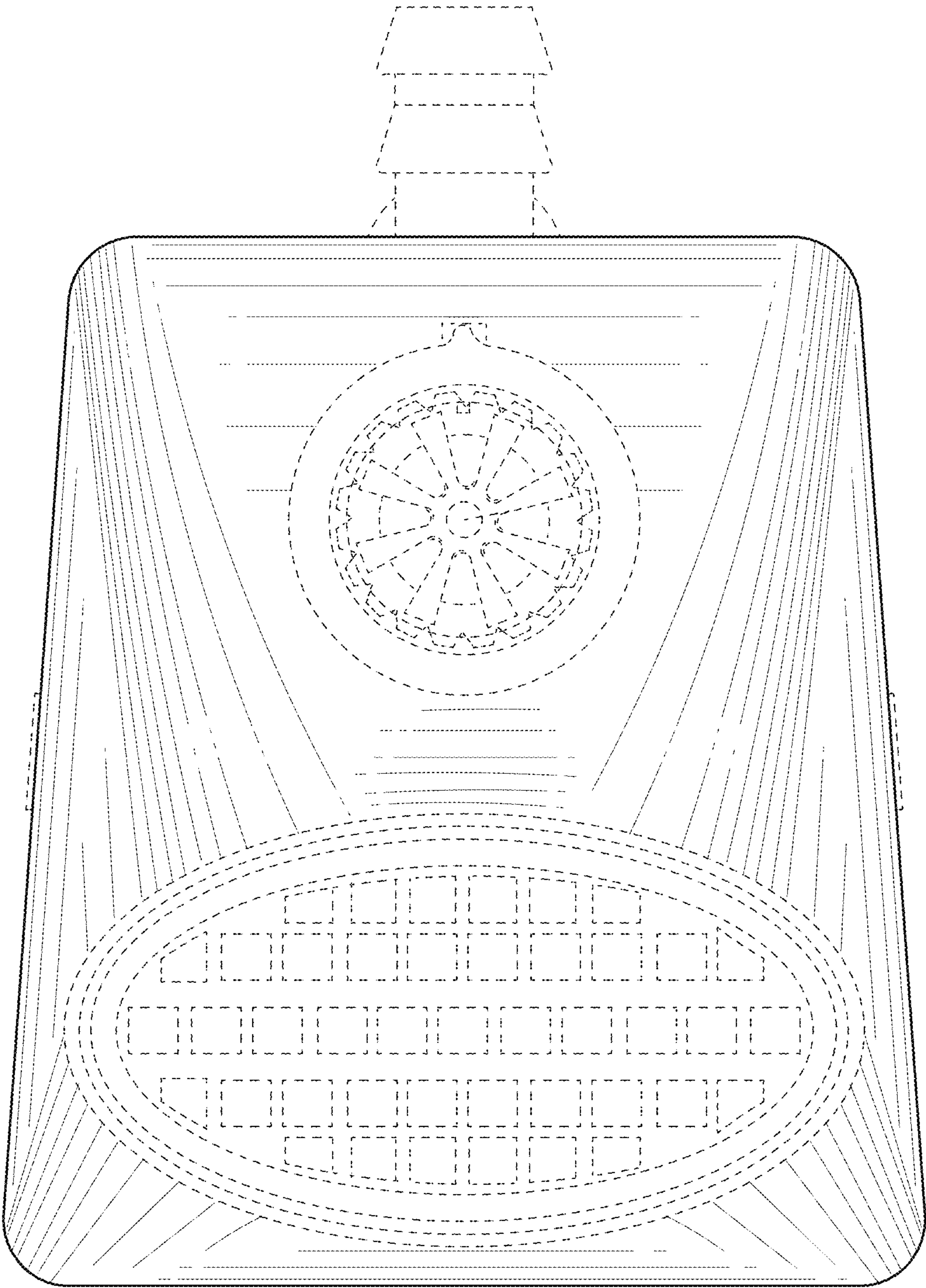


FIG. 5

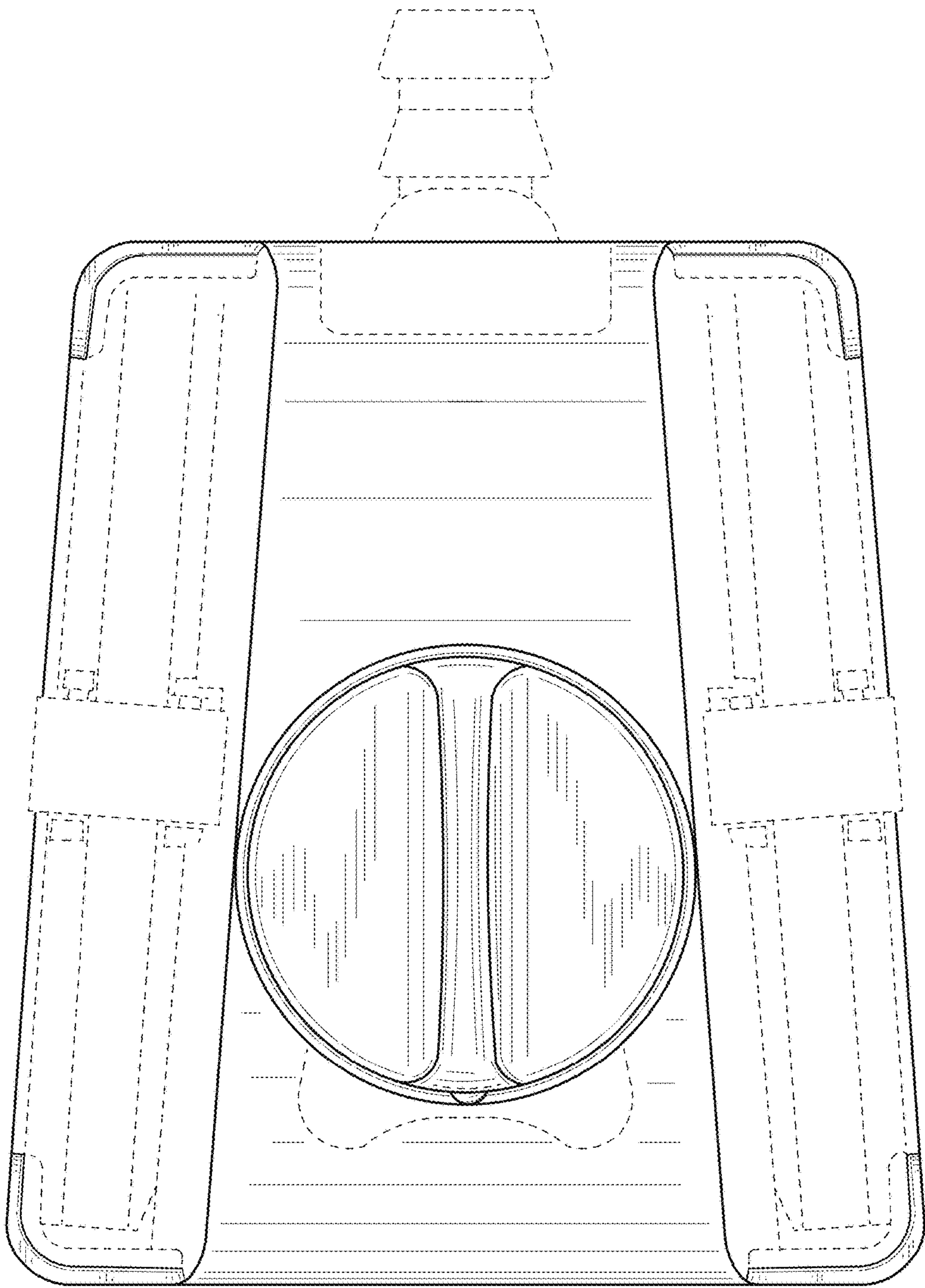


FIG. 6

FIG. 7

