



US0D1100661S

(12)

United States Design Patent

Wilson et al.

(10)

Patent No.:

US D1,100,661 S

(45)

Date of Patent:

** Nov. 4, 2025

(54) TRIGGER SPRAYER

(71) Applicant: SILGAN DISPENSING SYSTEMS CORPORATION, Richmond, VA (US)

(72) Inventors: Graham Wilson, Richmond, VA (US); Brandon Ramsuer, Henrico, VA (US); Connie Tran, Richmond, VA (US)

(73) Assignee: Silgan Dispensing Systems Corporation, Richmond, VA (US)

D601,897 S * 10/2009 Contiero D9/448

D625,187 S * 10/2010 McCay D9/448

D625,188 S * 10/2010 Rech D9/448

D649,458 S * 11/2011 Neumann D9/448

(Continued)

FOREIGN PATENT DOCUMENTS

CN 307441387 * 7/2022

JP D1691776 * 8/2021

JP D1731512 * 12/2022

OTHER PUBLICATIONS

Recyclable Trigger Sprayer, posted Jun. 15, 2022 [retrieved Feb. 3, 2025]. Retrieved from internet, <https://silgandispensing.com/news/silgan-dispensing-launches-recyclable-trigger-sprayer-to-bring-enhanced-sustainability-to-market/> (Year: 2022).*

(Continued)

Primary Examiner — Messina L Smith

Assistant Examiner — Haley K Schnebele

(74) Attorney, Agent, or Firm — Hinckley, Allen & Snyder; Stephen Holmes

(57) CLAIM

The ornamental design for a trigger sprayer, substantially as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of the trigger sprayer;

FIG. 2 is a right side view of the trigger sprayer;

FIG. 3 is a left side view of the trigger sprayer;

FIG. 4 is a front view of the trigger sprayer;

FIG. 5 is a rear view of the trigger sprayer;

FIG. 6 is a bottom view of the trigger sprayer;

FIG. 7 is a top view of the trigger sprayer; and,

FIG. 8 is a perspective view of the trigger sprayer on a bottle.

The broken lines in the drawing figures depict portions of the trigger sprayer and a representative bottle that form no part of the claimed design.

1 Claim, 5 Drawing Sheets

(**) Term: 15 Years

(21) Appl. No.: 29/925,253

(22) Filed: Jan. 23, 2024

(51) LOC (15) Cl. 09-07

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

USPC D9/448

(58) Field of Classification Search

USPC D9/434, 435, 443, 444, 445, 447, 448, D9/449, 450, 452, 453, 454, 455, 499

CPC B65D 1/02; B65D 1/0246; B65D 1/023; B65D 41/04; B65D 41/3447; B65D 41/3409; B65D 41/3428; B65D 41/34; B65D 51/18; B65D 51/24; B65D 51/245; B65D 51/2814; B65D 51/2821; B65D 85/72

See application file for complete search history.

(56) References Cited

U.S. PATENT DOCUMENTS

D373,312 S * 9/1996 Lin D9/448

D551,973 S * 10/2007 Hildebrand D9/448

D567,082 S * 4/2008 Hildebrand D9/448

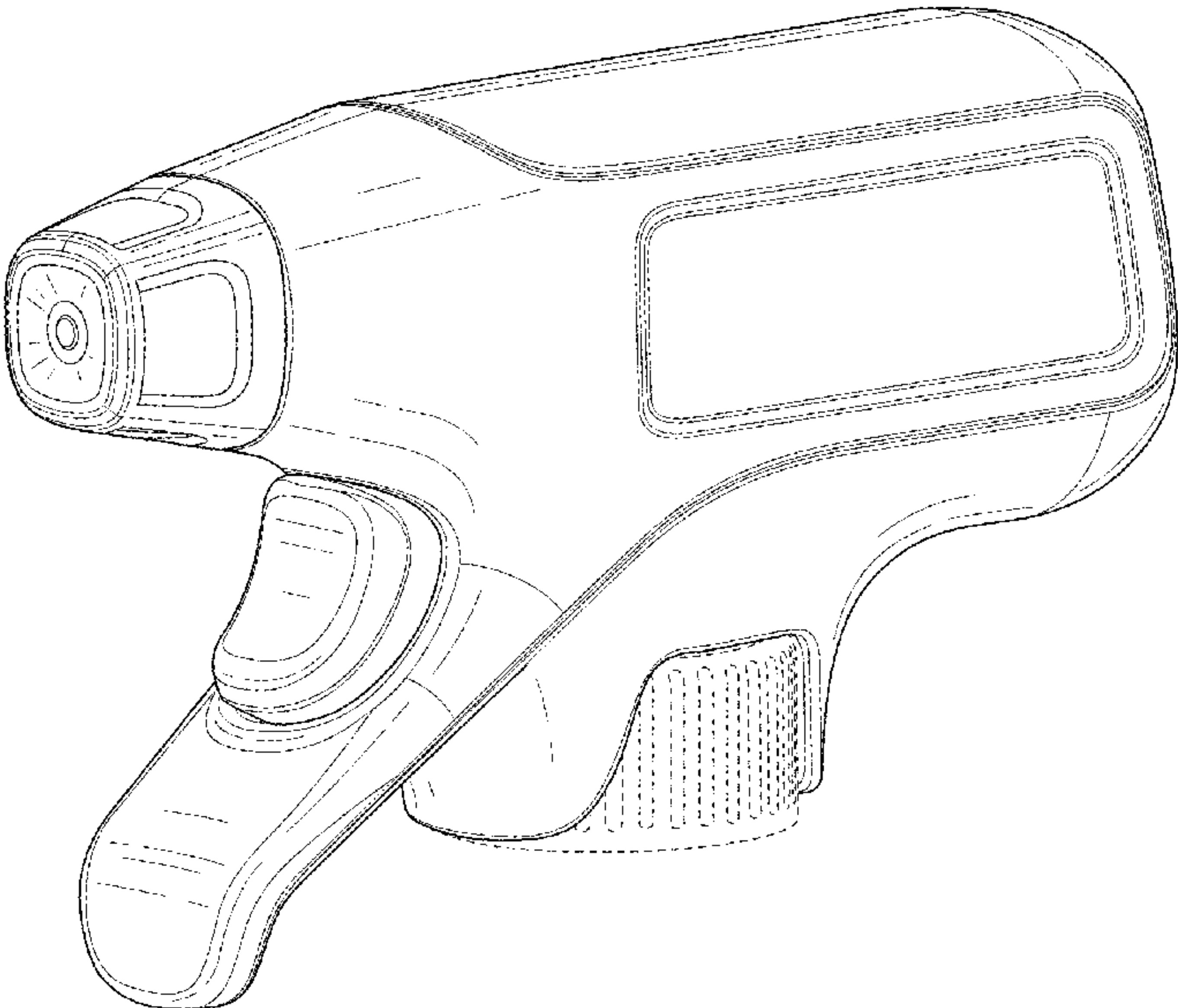
D582,768 S * 12/2008 Cantoni D9/448

D582,769 S * 12/2008 Turchi D9/448

D582,771 S * 12/2008 Cantoni D9/448

D587,574 S * 3/2009 Cantoni D9/448

D596,938 S * 7/2009 Broadbent D9/448



(56) **References Cited**

U.S. PATENT DOCUMENTS

D685,268	S	*	7/2013	Gill	D9/448
D941,672	S	*	1/2022	Lupberger	D9/448
D946,402	S	*	3/2022	Pepe	D9/448
D962,062	S	*	8/2022	Rao	D9/448

OTHER PUBLICATIONS

Plastic Trigger Sprayers, posted date not available [retrieved Feb. 3, 2025]. Retrieved from internet, <https://www.berlinpackaging.com/28-400-pp-plastic-trigger-sprayers/> (Year: 2025).*

Trigger Spray, posted date not available [retrieved Feb. 3, 2025]. Retrieved from internet, <https://www.mckernan.com/products/ht-24725> (Year: 2025).*

Trigger Sprayers, posted Jul. 9, 2020 [retrieved Feb. 3, 2025]. Retrieved from internet, <https://www.amazon.com/All-Purpose-Clear-Trigger-Sprayers-Bottles/dp/B08CPL62YS?th=1> (Year: 2020).*

* cited by examiner

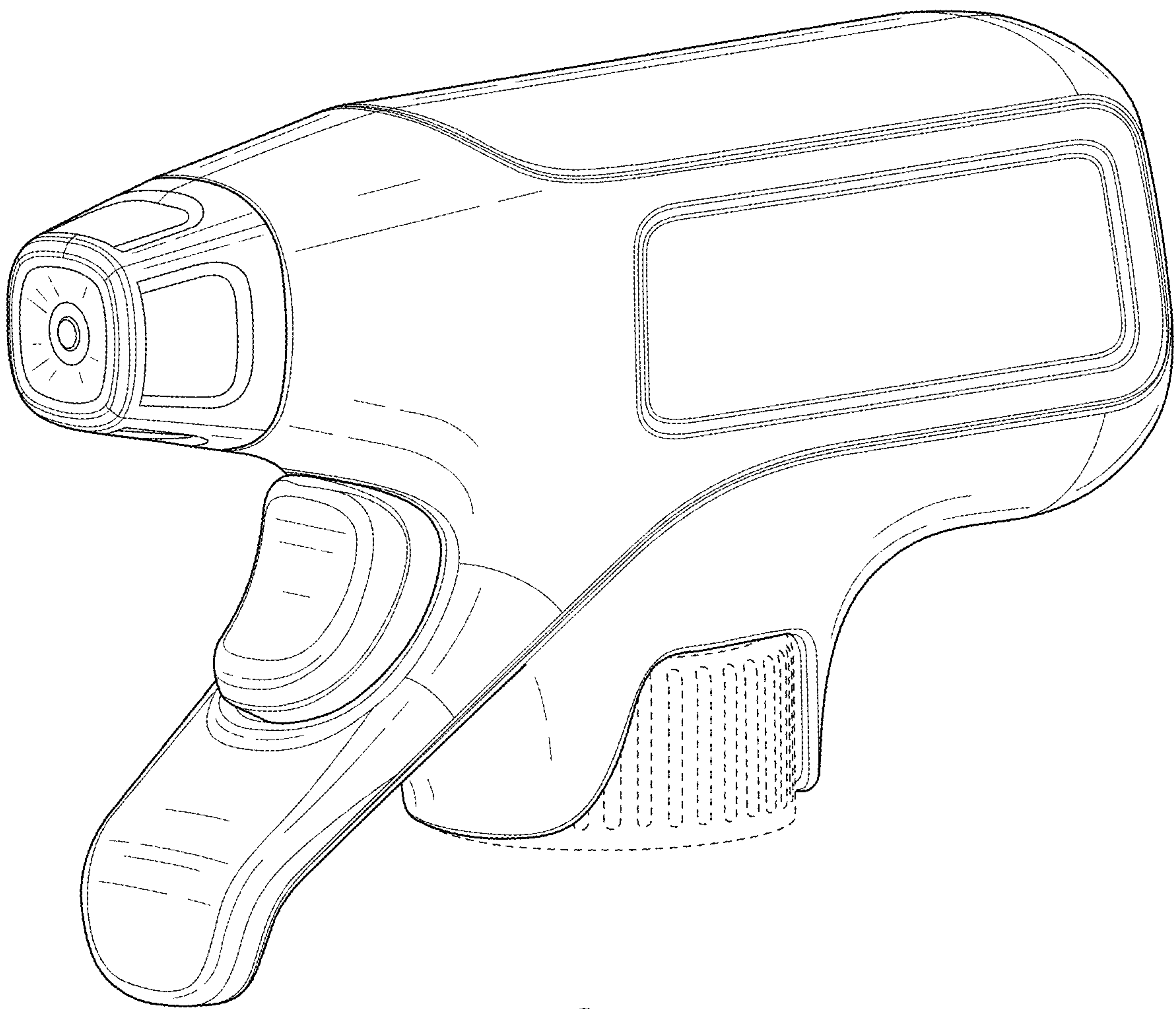


FIG. 1

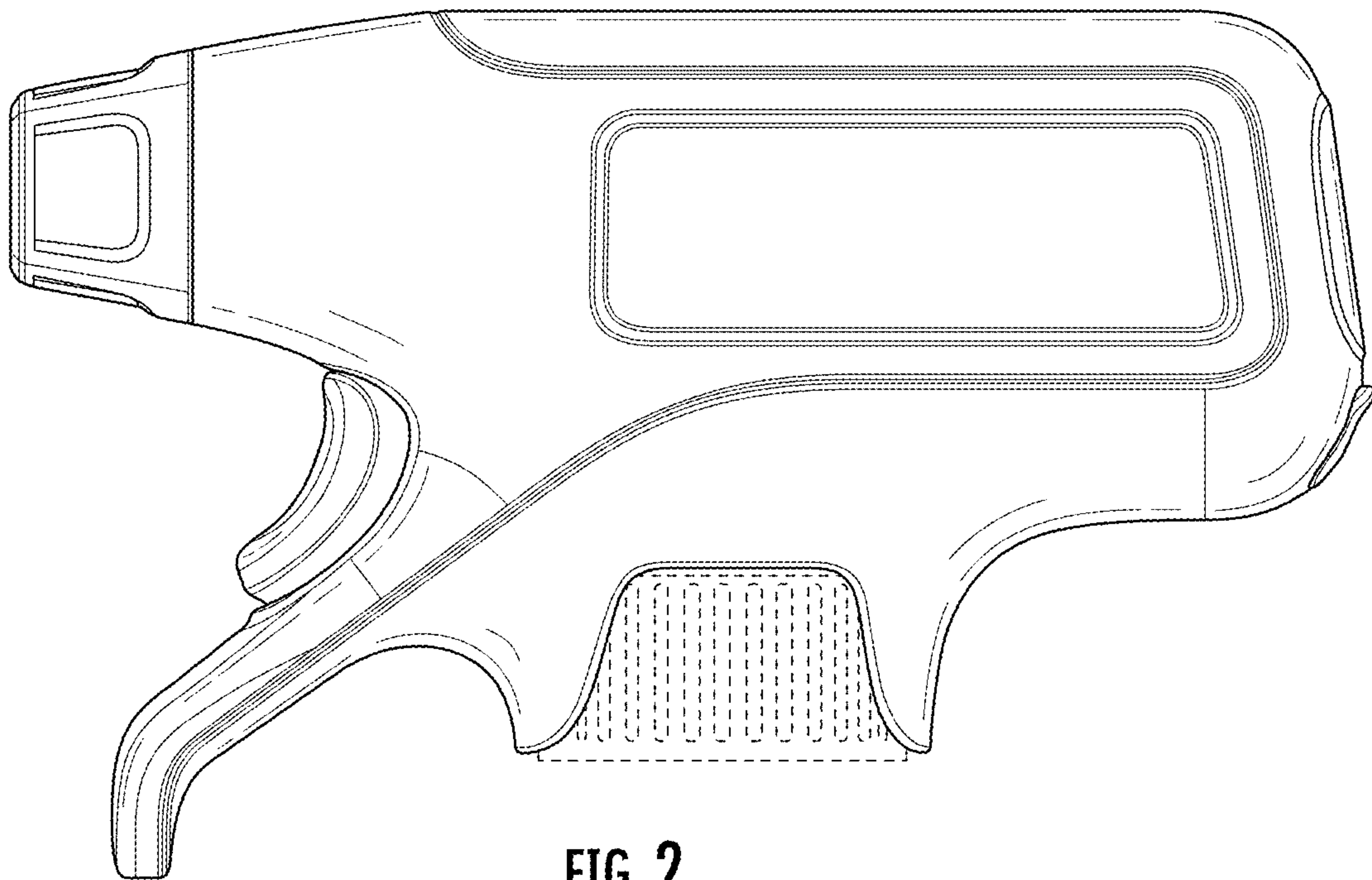


FIG. 2

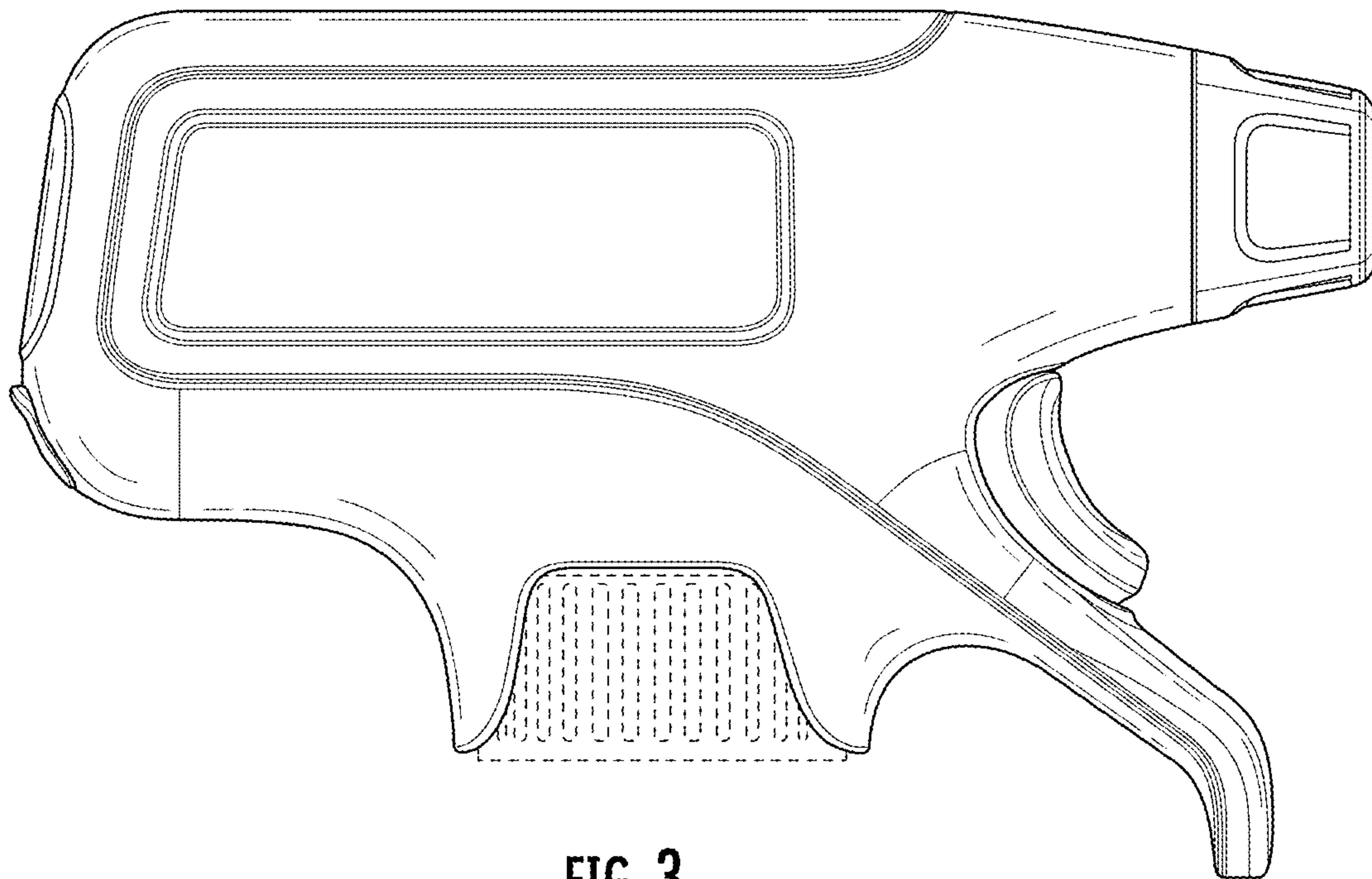


FIG. 3

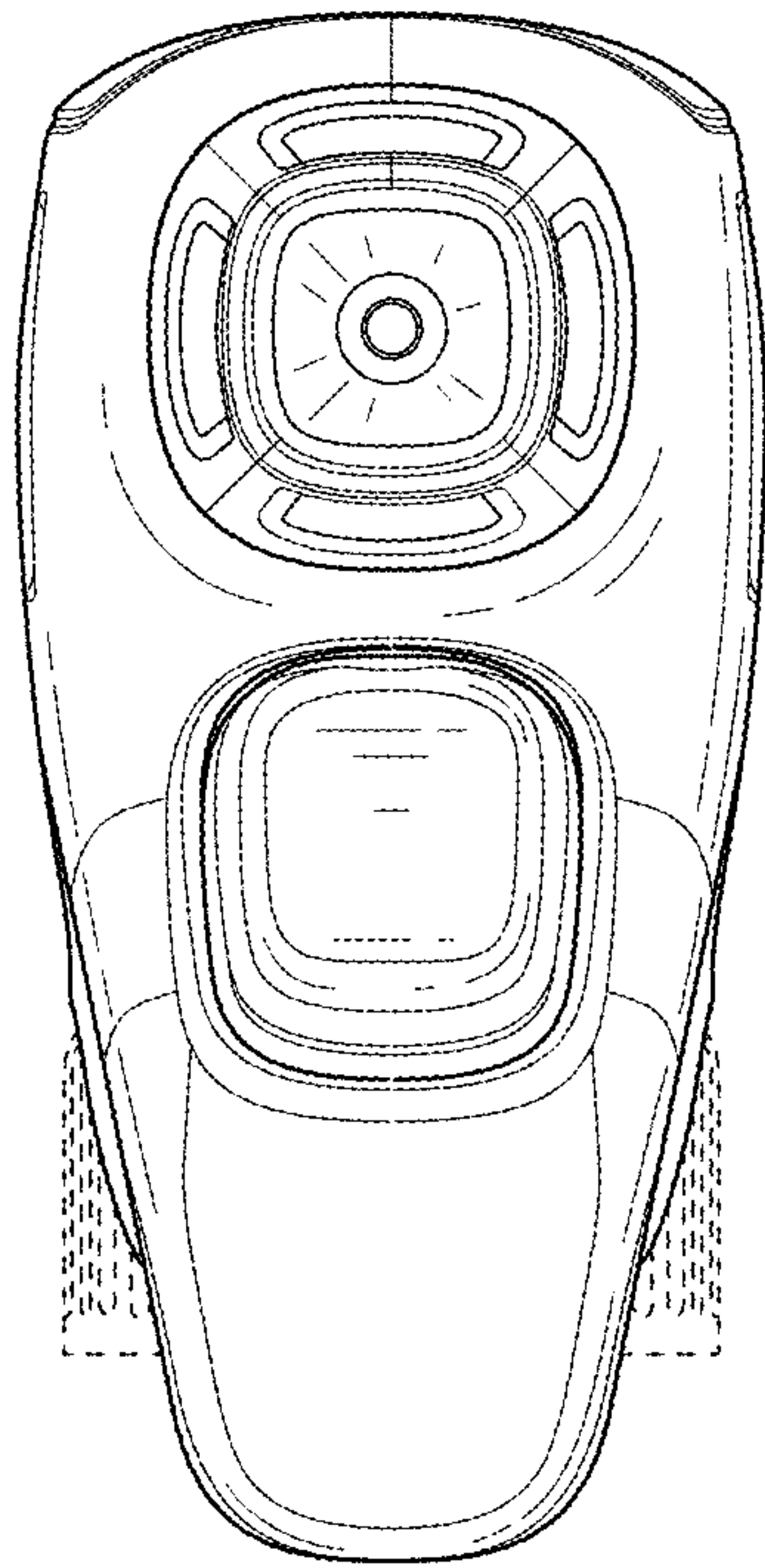


FIG. 4

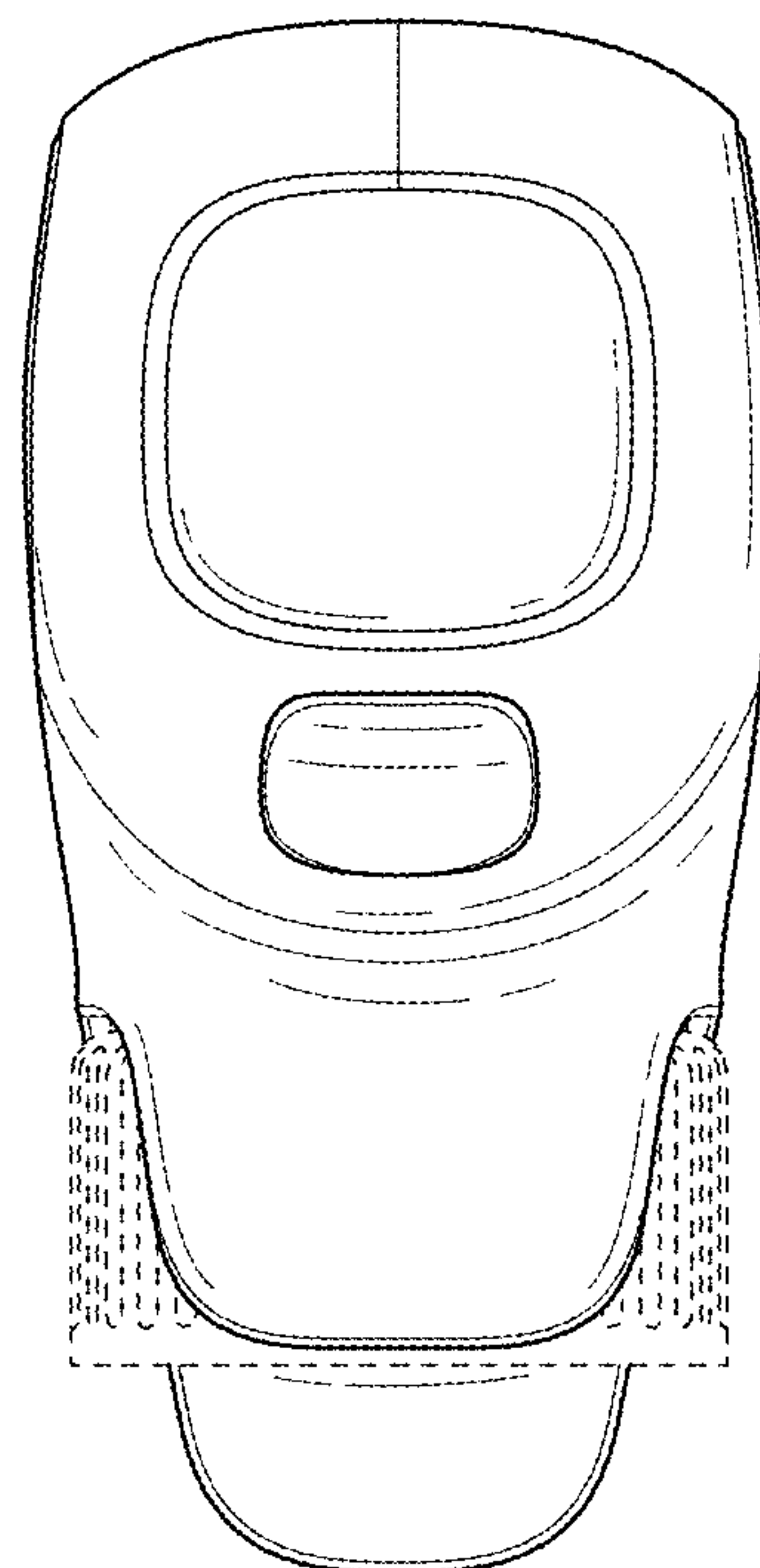


FIG. 5

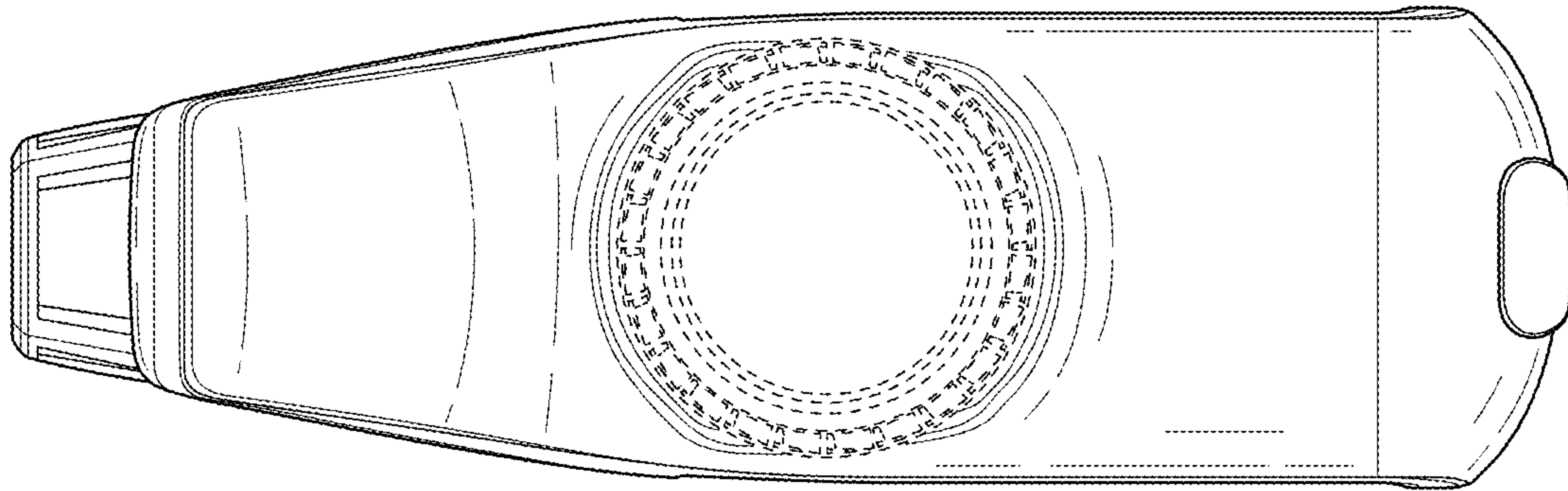


FIG. 6

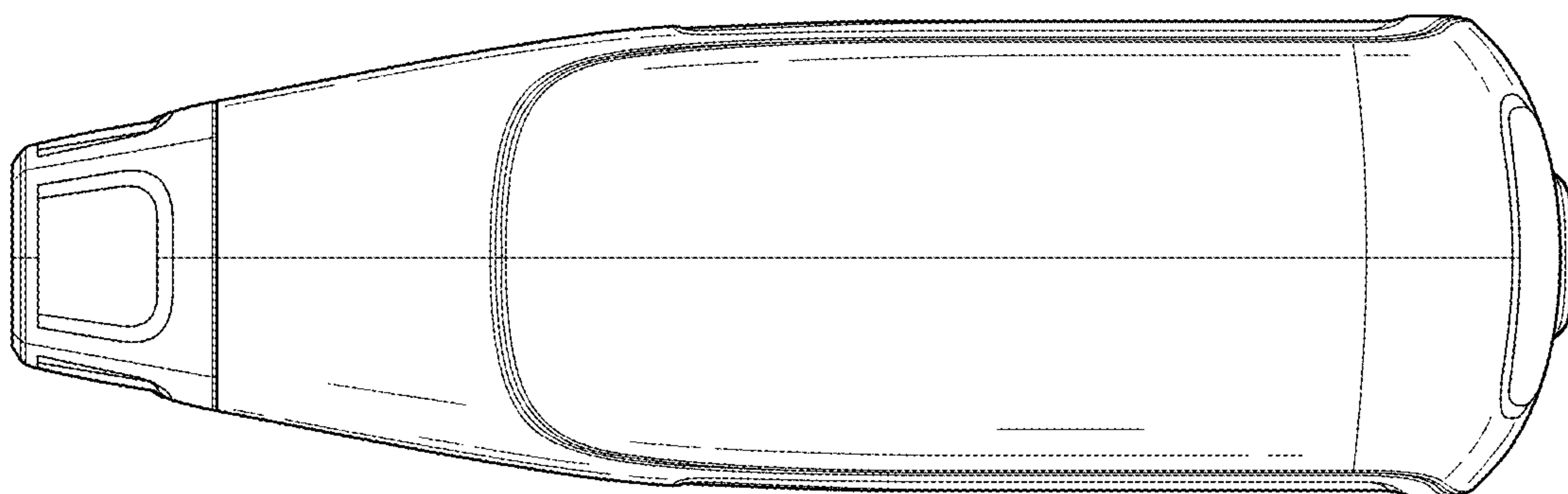


FIG. 7

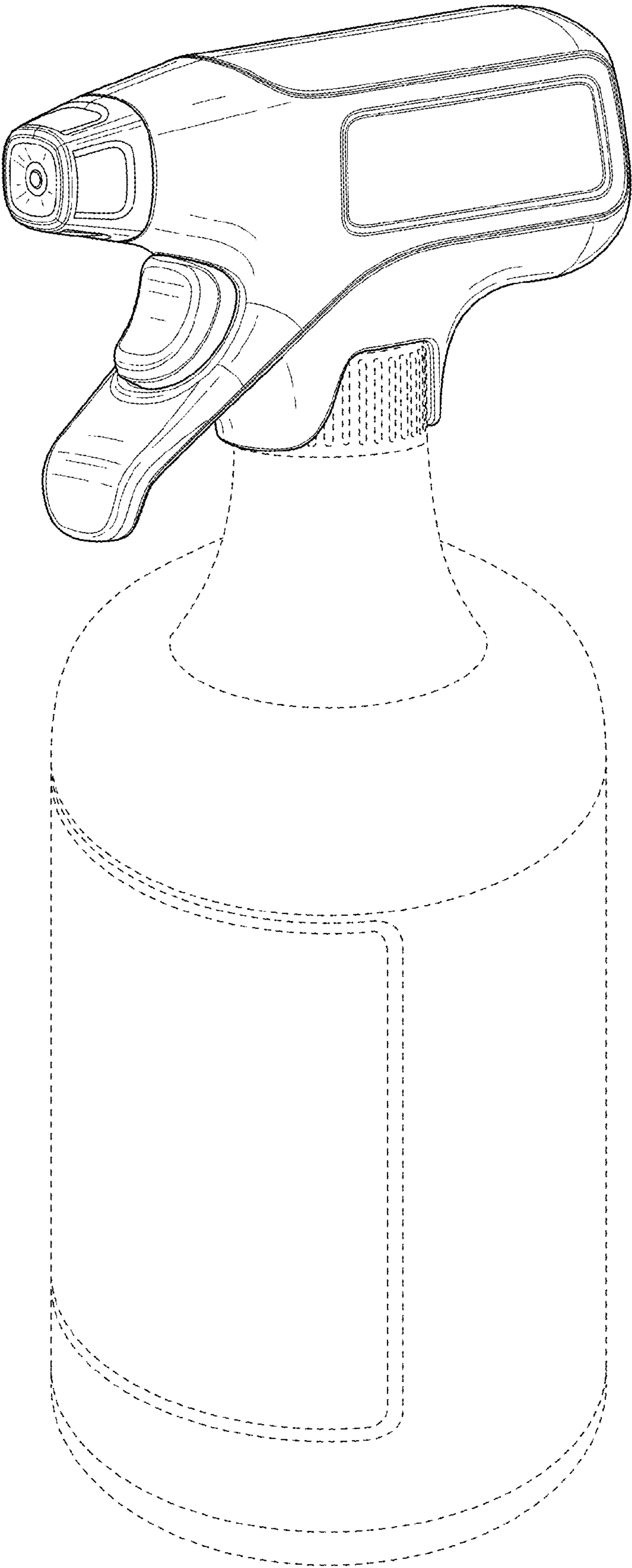


FIG. 8