



US00D869665S

(12) **United States Design Patent** (10) **Patent No.:** **US D869,665 S**
de Jonge et al. (45) **Date of Patent:** **** Dec. 10, 2019**

(54) **ULTRASOUND PROBE**

FOREIGN PATENT DOCUMENTS

(71) Applicant: **Butterfly Network, Inc.**, Guilford, CT (US)

JP D1457814 12/2012
JP D1515349 1/2015

(Continued)

(72) Inventors: **Matthew de Jonge**, New York, NY (US); **Christopher Thomas McNulty**, Guilford, CT (US); **David Elgena**, Brooklyn, NY (US); **Stephen Christopher**, Philadelphia, PA (US); **Paul Maxted**, Guilford, CT (US); **Jonathan C. Schultz**, Guilford, CT (US); **Benjamin Chopra**, Guilford, CT (US)

OTHER PUBLICATIONS

[No Author Listed], HDI 5000 Transducer Listing, Publically known prior to Oct. 27, 2017. 6 pages.

(Continued)

Primary Examiner — Anhdao Doan

(74) *Attorney, Agent, or Firm* — Wolf, Greenfield & Sacks, P.C.

(73) Assignee: **Butterfly Network, Inc.**, Guilford, CT (US)

(57) **CLAIM**

The ornamental design for an ultrasound probe, as shown and described.

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

(21) Appl. No.: **29/677,074**

DESCRIPTION

(22) Filed: **Jan. 16, 2019**

Related U.S. Application Data

(62) Division of application No. 29/623,977, filed on Oct. 27, 2017, now Pat. No. Des. 846,749.

(51) **LOC (12) Cl.** **24-01**

(52) **U.S. Cl.**
USPC **D24/187**

(58) **Field of Classification Search**
USPC D24/152, 158, 160, 161, 186, 187, 231;
D10/78; D14/420, 426

(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

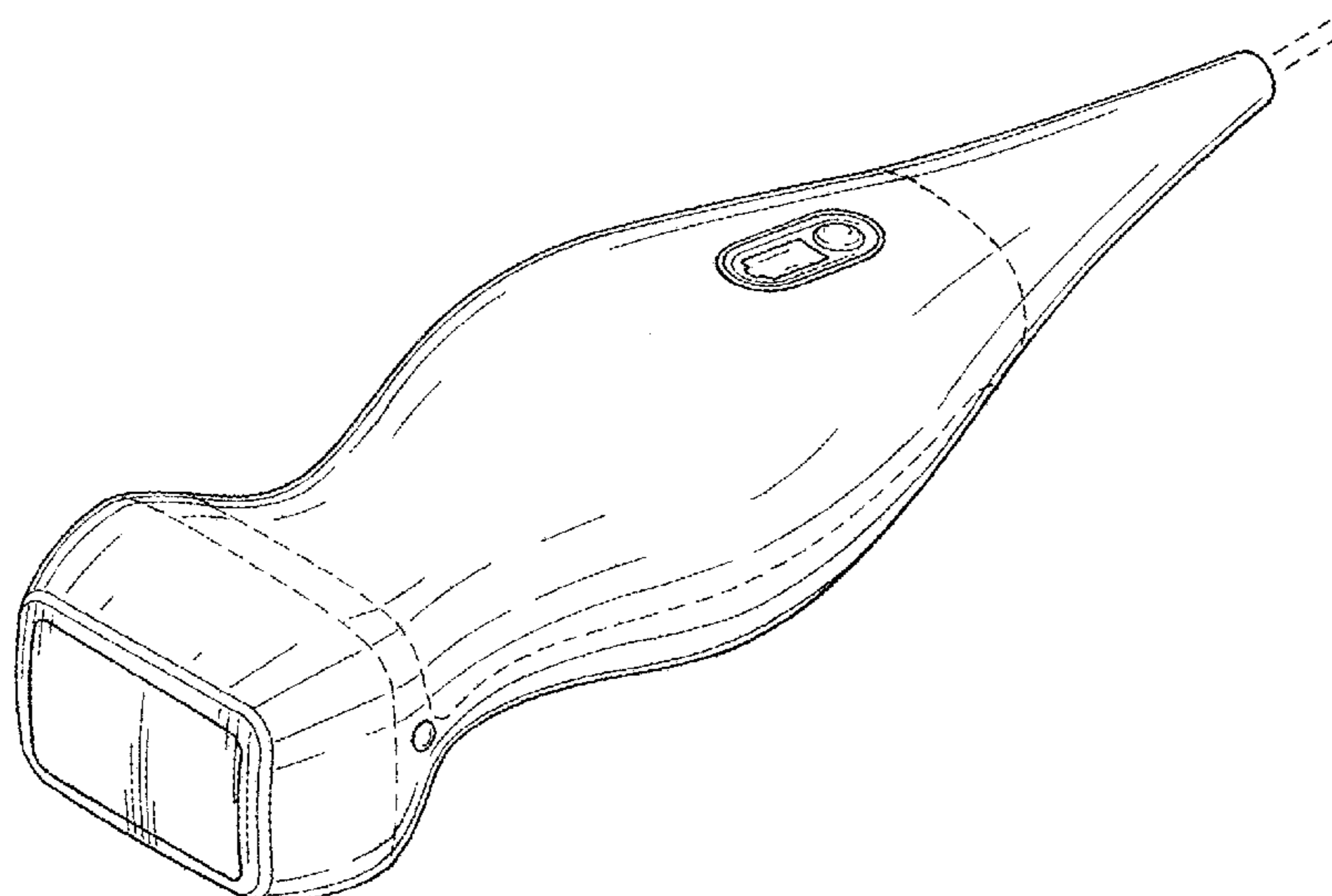
D545,433 S 6/2007 Messerly et al.
D681,824 S 5/2013 Shinohara et al.

(Continued)

FIG. 1 is a bottom, front, right side perspective view of an ultrasound probe showing our new design;
FIG. 2 is a front elevation view thereof;
FIG. 3 is a rear elevation view thereof;
FIG. 4 is a left side elevation view thereof;
FIG. 5 is a right side elevation view thereof;
FIG. 6 is a top plan view thereof;
FIG. 7 is a bottom plan view thereof;
FIG. 8 is a bottom, front, right side perspective view of a second embodiment of an ultrasound probe showing our new design;
FIG. 9 is a front elevation view thereof;
FIG. 10 is a rear elevation view thereof;
FIG. 11 is a left side elevation view thereof;
FIG. 12 is a right side elevation view thereof;
FIG. 13 is a top plan view thereof; and,
FIG. 14 is a bottom plan view thereof.

The broken lines illustrate portions of the ultrasound probe that form no part of the claimed design.

1 Claim, 8 Drawing Sheets



US D869,665 S

Page 2

(58) **Field of Classification Search**
CPC A61B 8/445; A61B 8/4455; A61B 8/4461
See application file for complete search history.

2017/0360397 A1 12/2017 Rothberg et al.
2017/0360401 A1 12/2017 Rothberg et al.
2018/0028159 A1 2/2018 Hageman et al.

(56) **References Cited**

FOREIGN PATENT DOCUMENTS

U.S. PATENT DOCUMENTS

D703,332 S * 4/2014 Saeki D24/187
D703,821 S * 4/2014 Moon D24/187
D704,844 S 5/2014 Saeki
9,072,487 B2 7/2015 Hebrard et al.
D745,175 S 12/2015 Kitayama
D749,224 S * 2/2016 Iritani D24/187
D816,850 S 5/2018 Asai et al.
D831,219 S * 10/2018 Henderson D24/187
D846,128 S * 4/2019 de Jonge D24/187
D846,749 S * 4/2019 de Jonge D24/187
2011/0055447 A1 3/2011 Costa
2015/0112200 A1 4/2015 Oberg et al.
2017/0172542 A1 6/2017 Lee et al.

JP D1564542 12/2016
KR 30-0726181 1/2014
KR 30-0726182 1/2014
KR 30-0751362 7/2014
KR 30-0764107 10/2014

OTHER PUBLICATIONS

Declaration of David Elgena, signed May 11, 2018, submitted to the Japanese Patent Office in co-pending application number JP 2018-009209.
Enriquez et al., An Introduction to Ultrasound Equipment and Knobology. Crit Care Clin. Jan. 2014; 30(1):25-45.

* cited by examiner

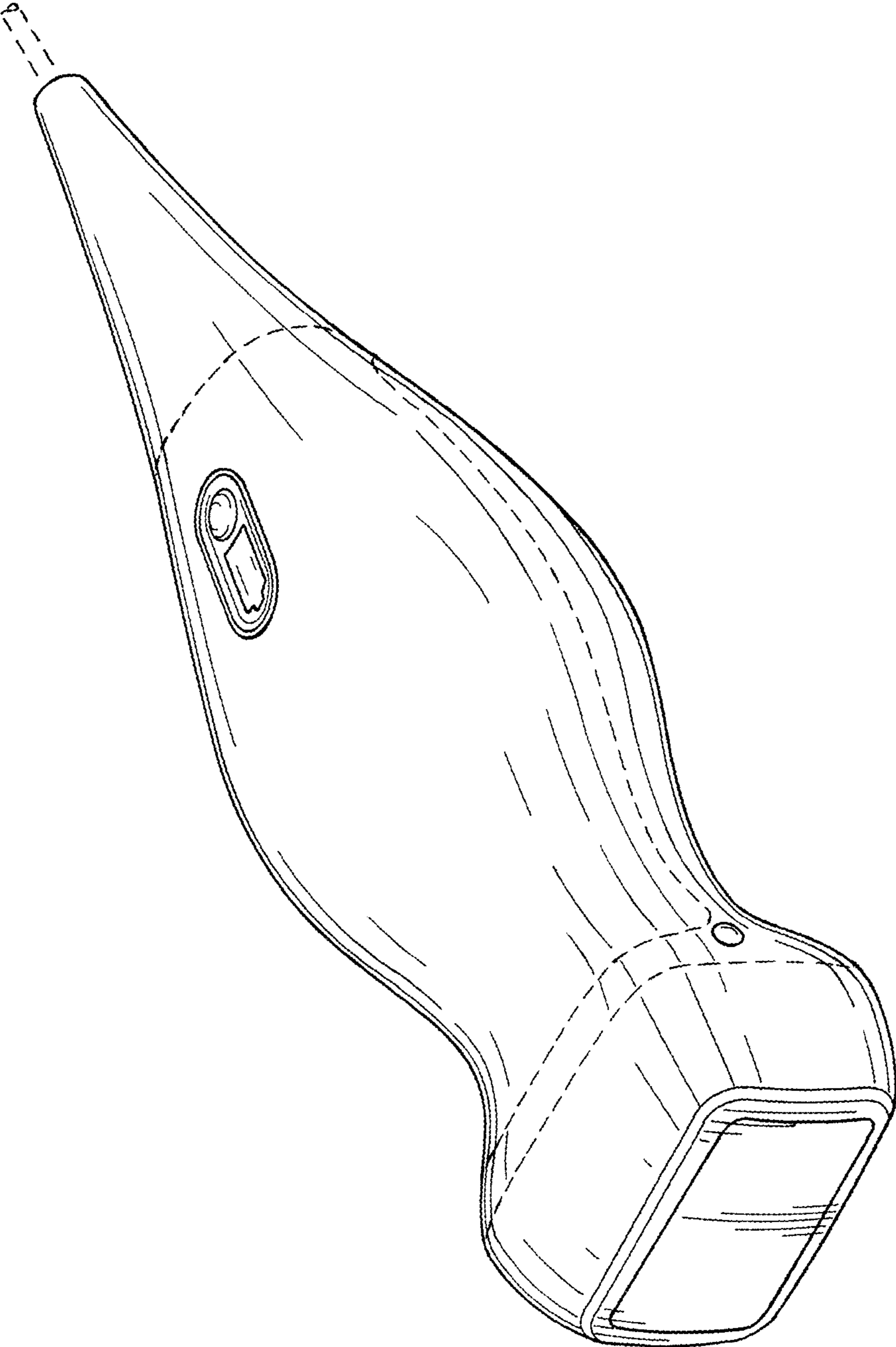


FIG. 1

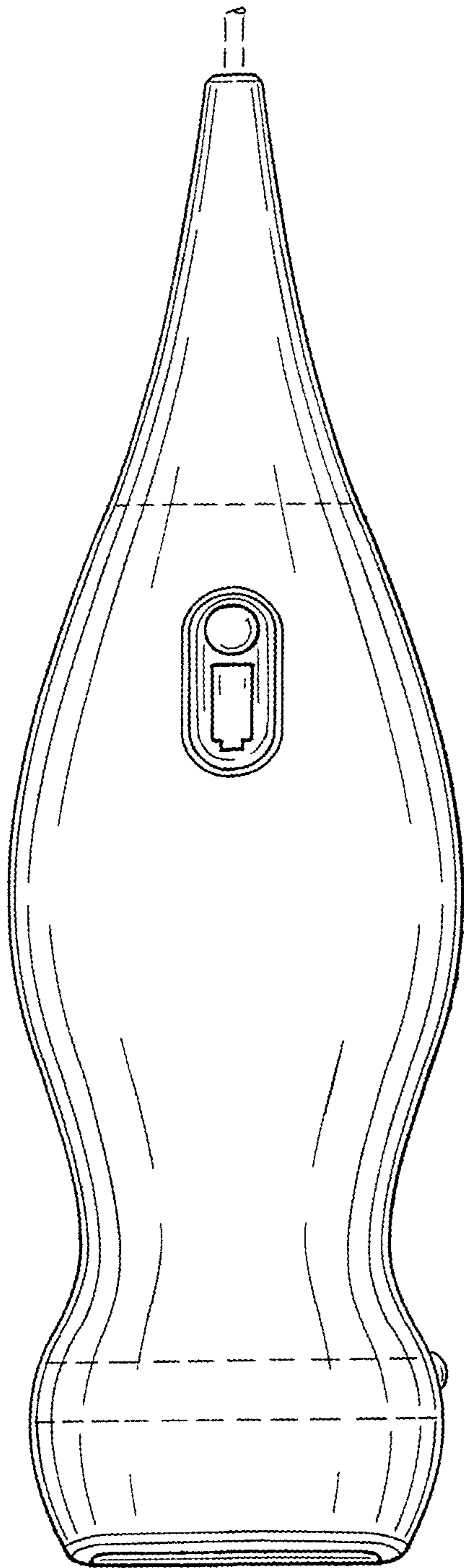


FIG. 2

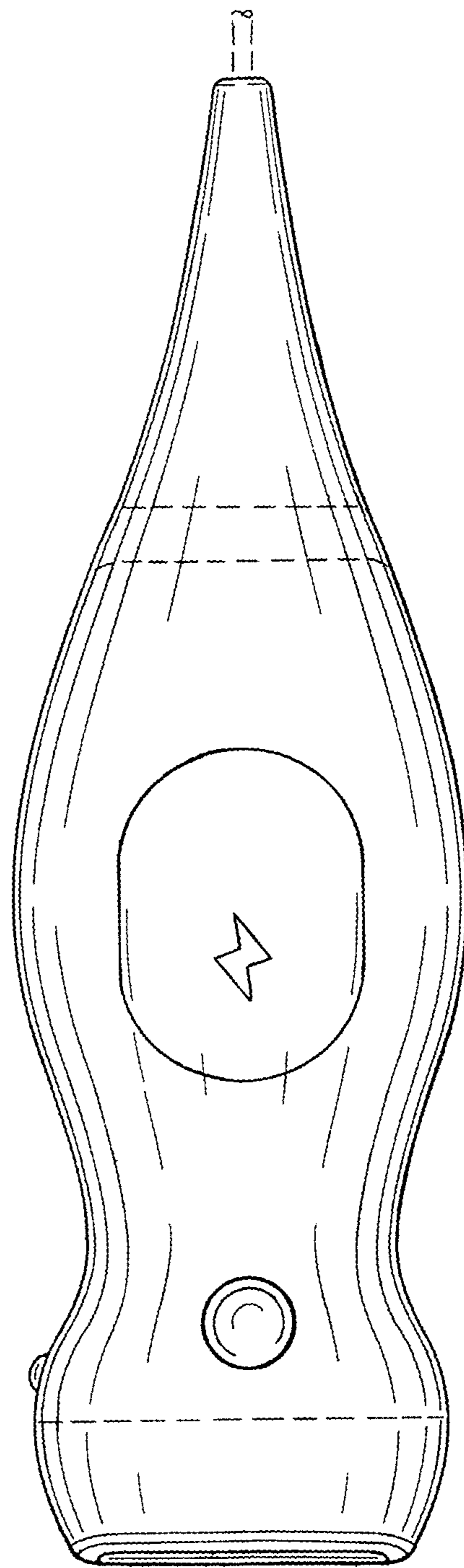


FIG. 3

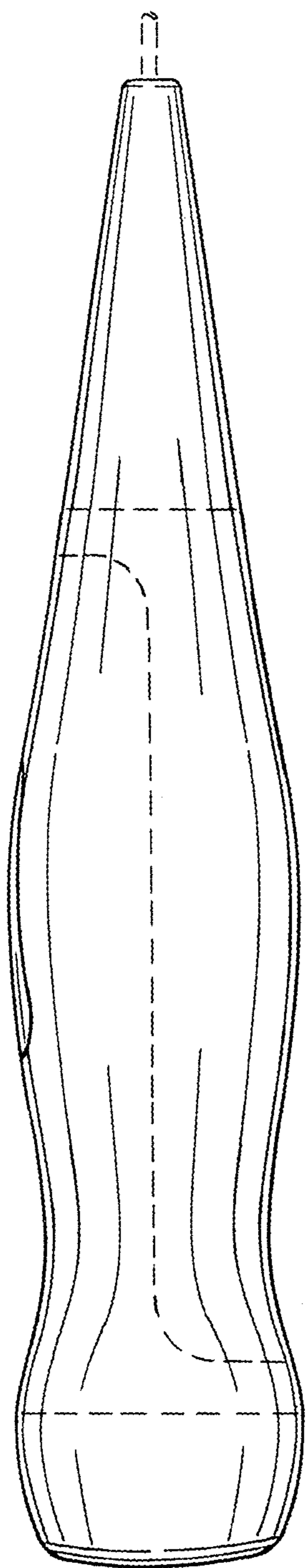


FIG. 4

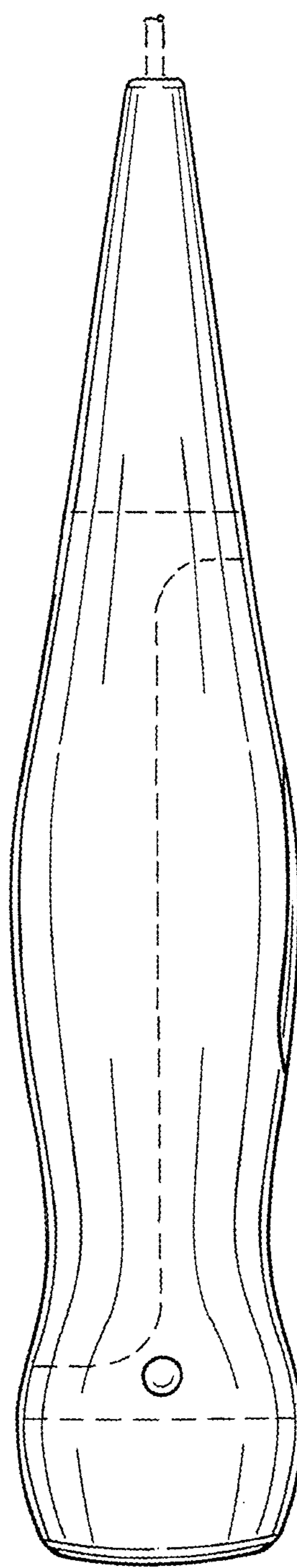


FIG. 5

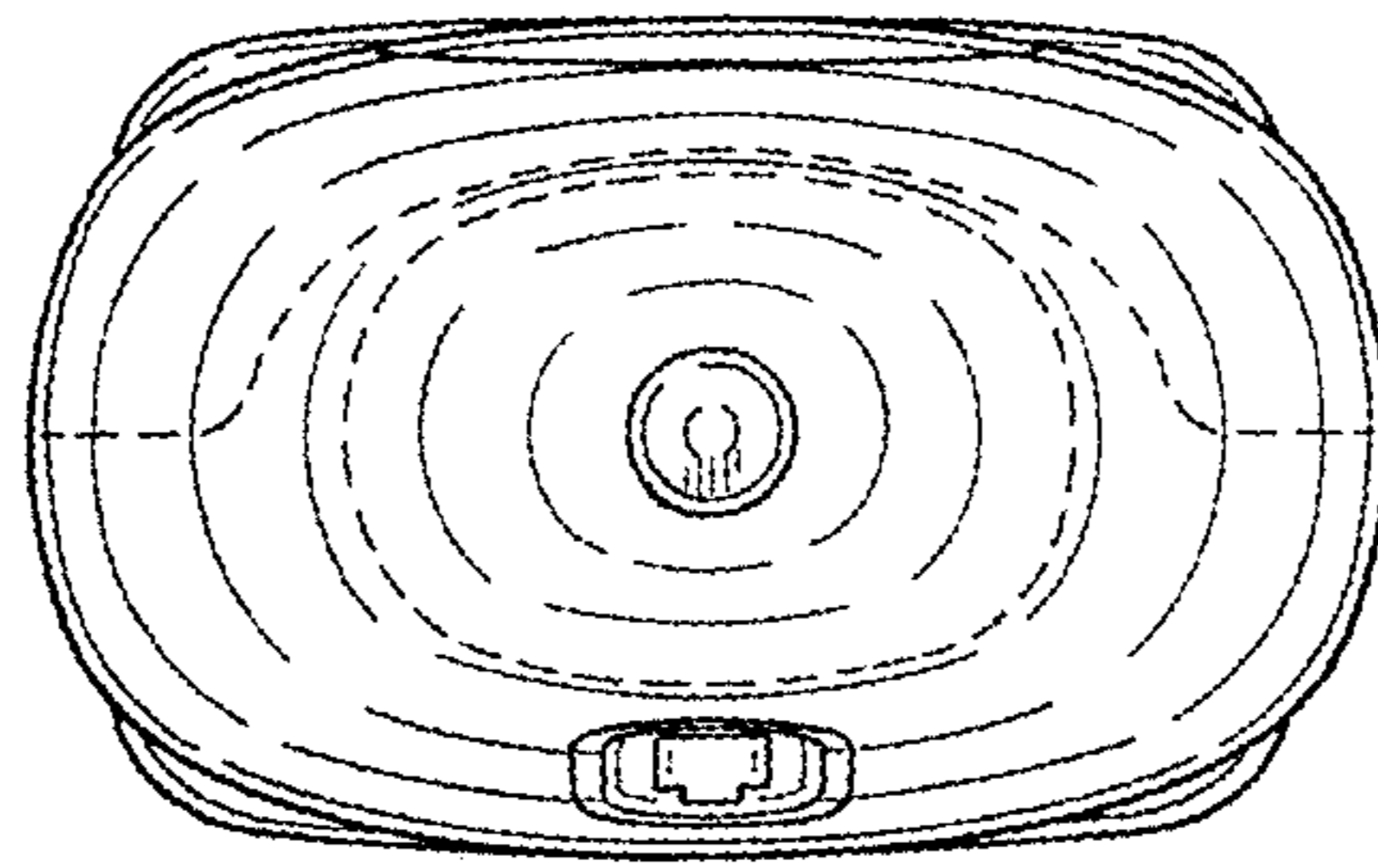


FIG. 6

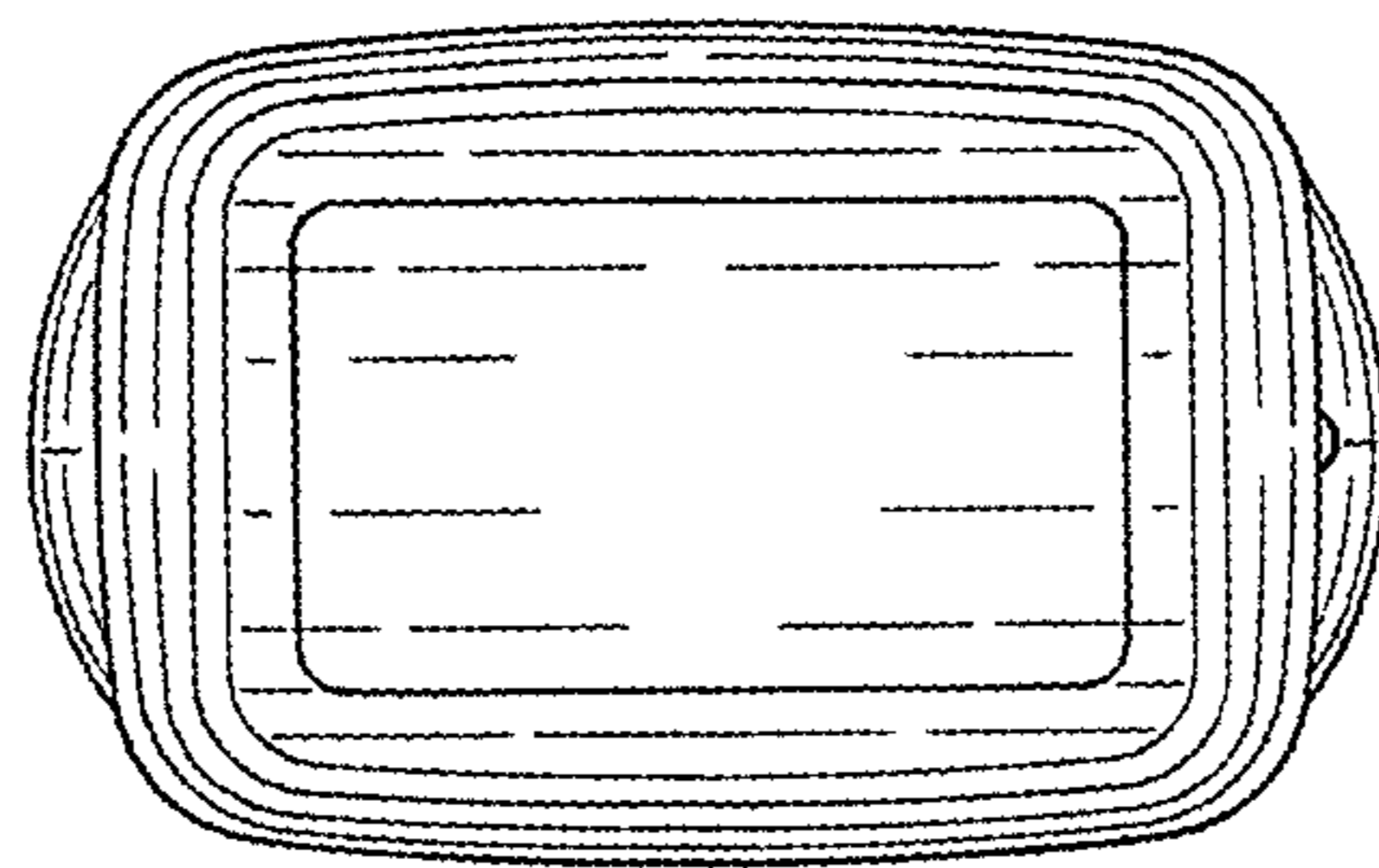


FIG. 7

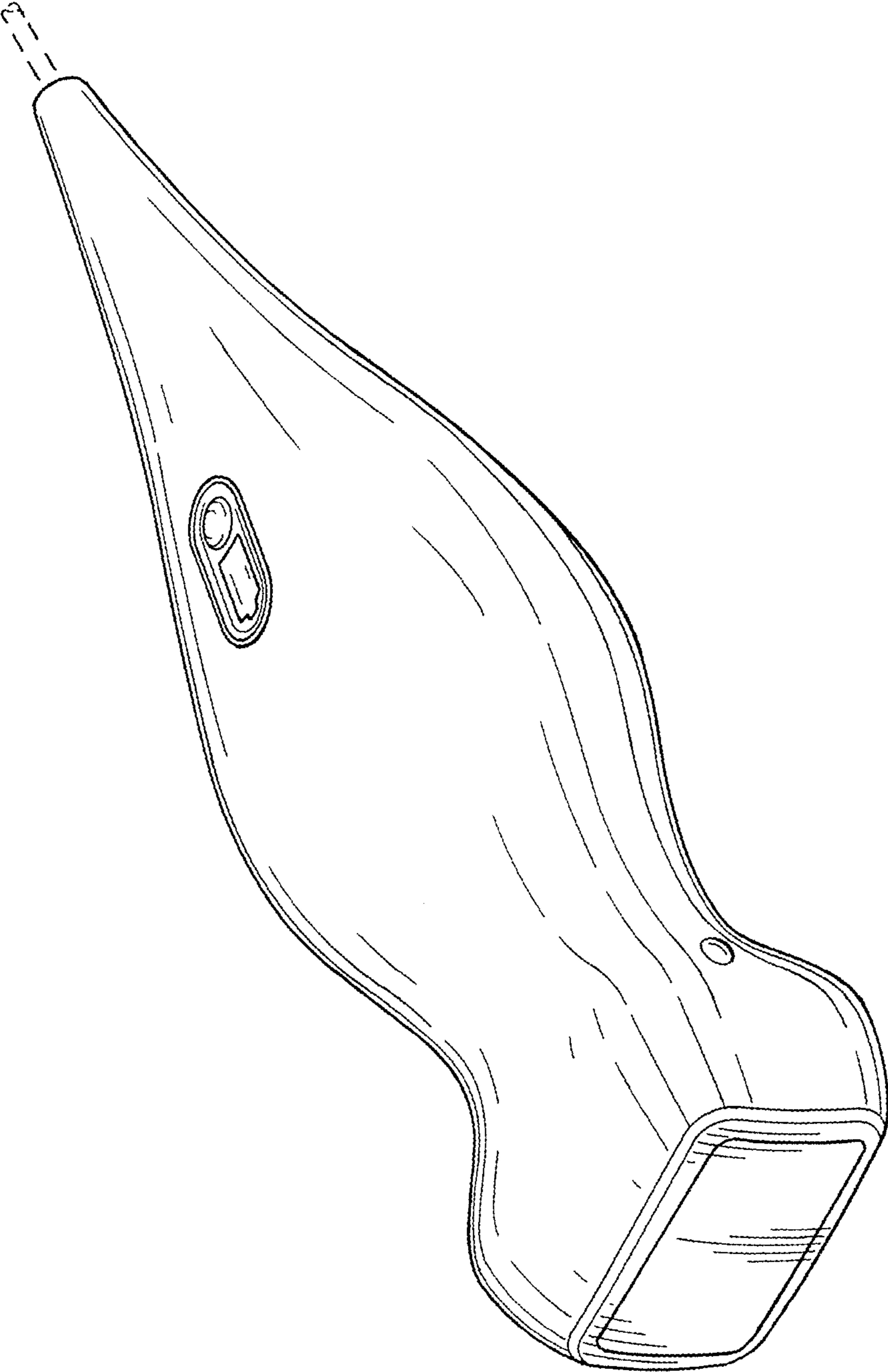


FIG. 8

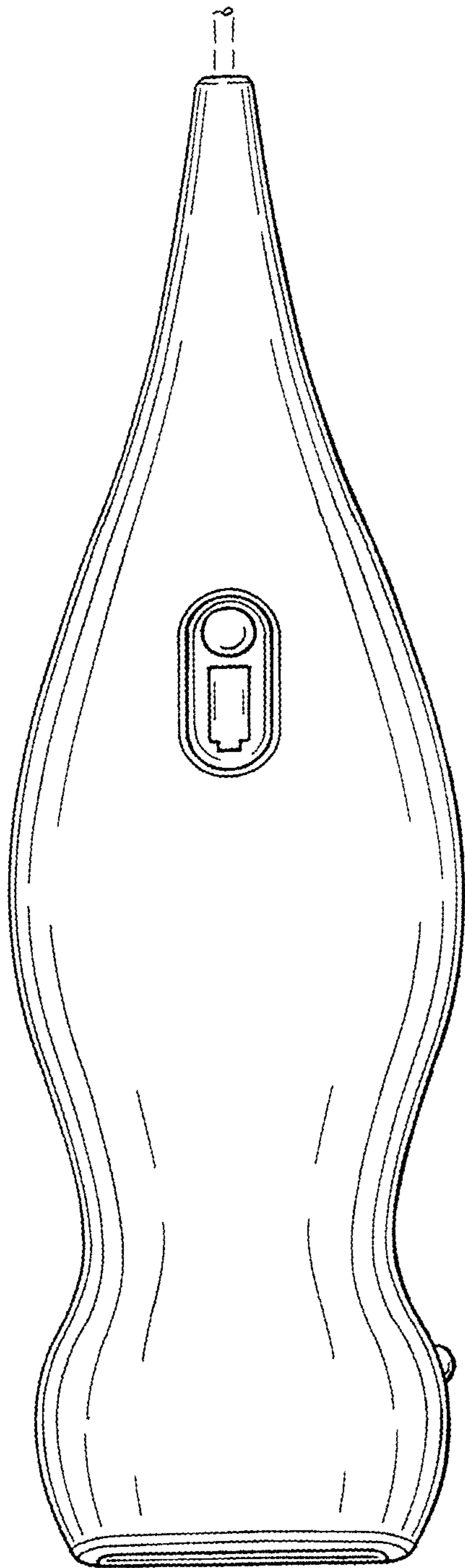


FIG. 9

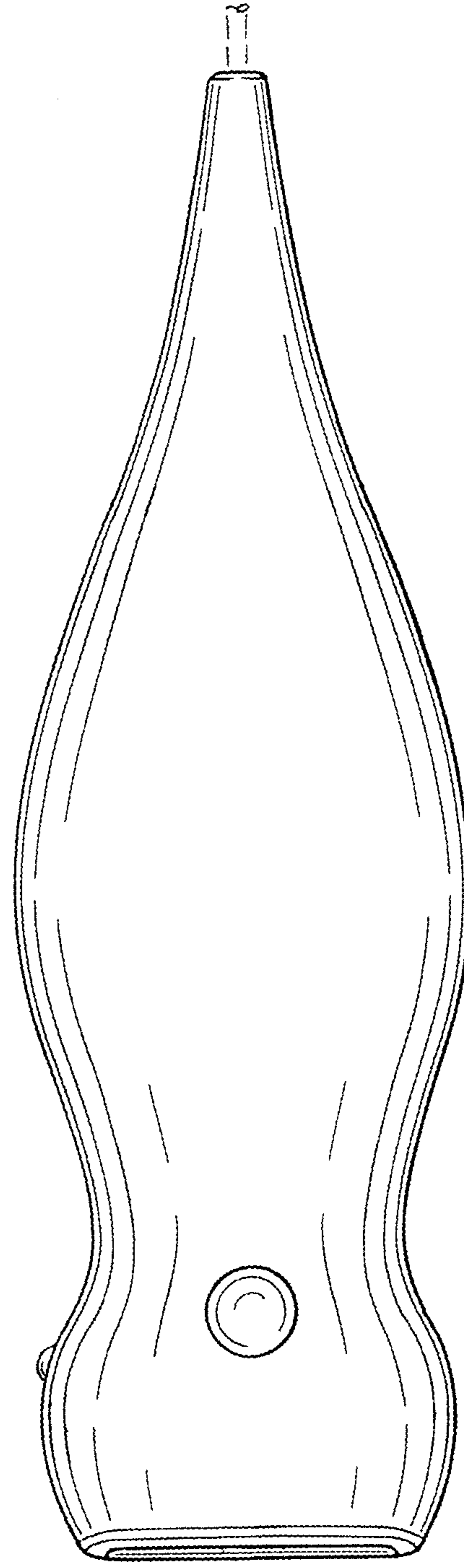


FIG. 10

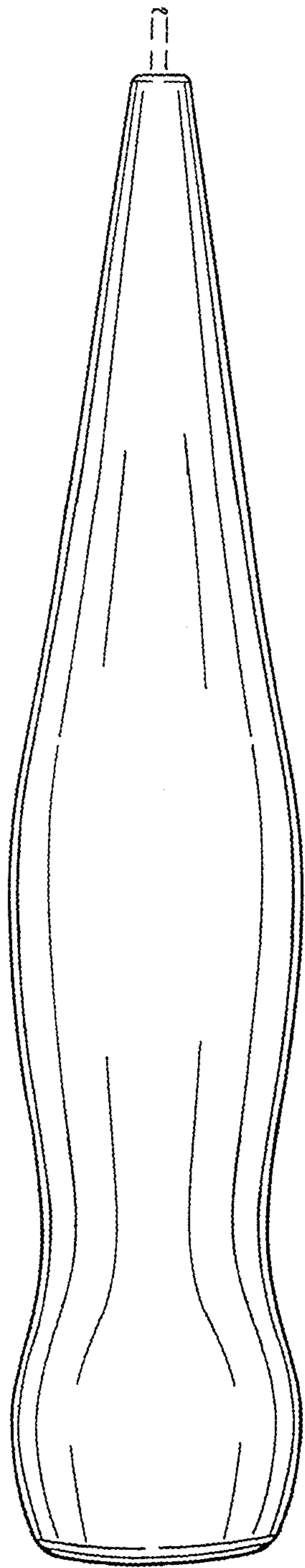


FIG. 11

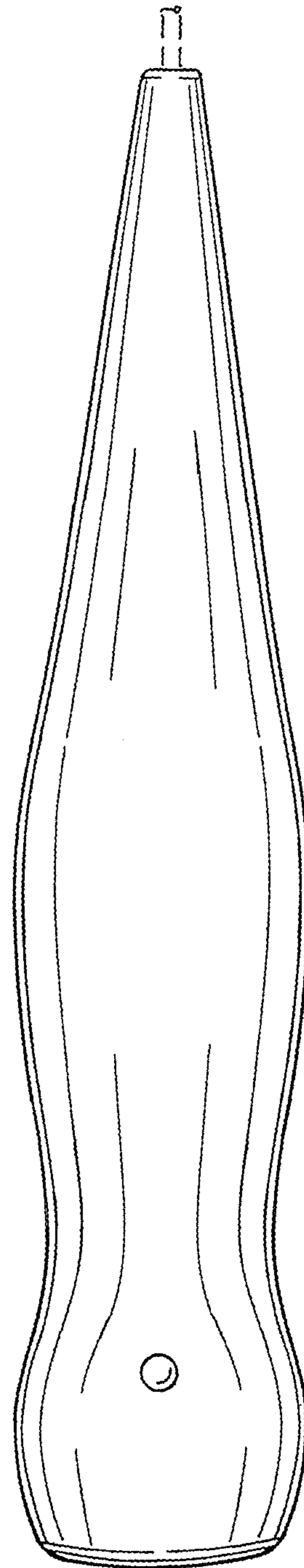


FIG. 12

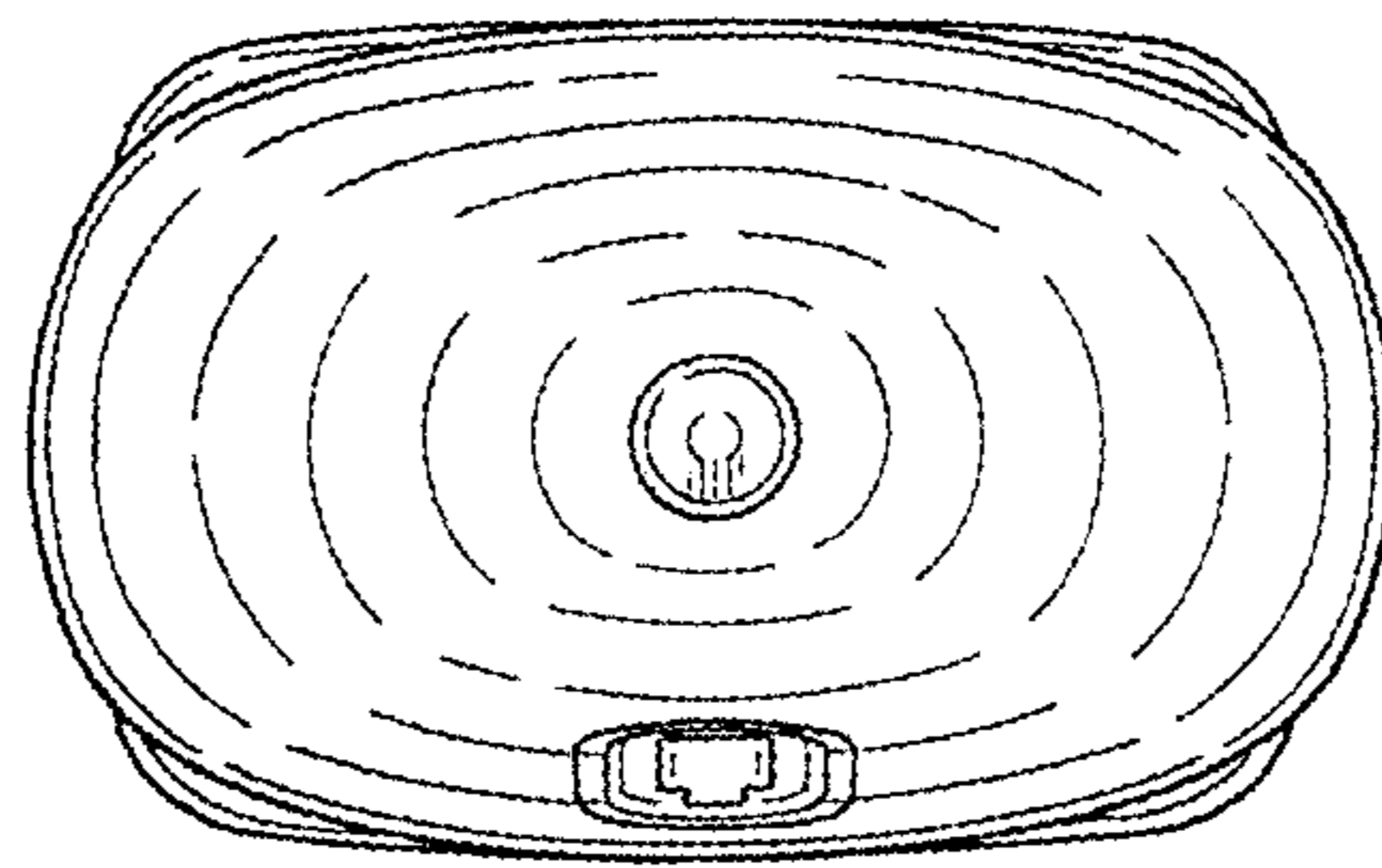


FIG. 13

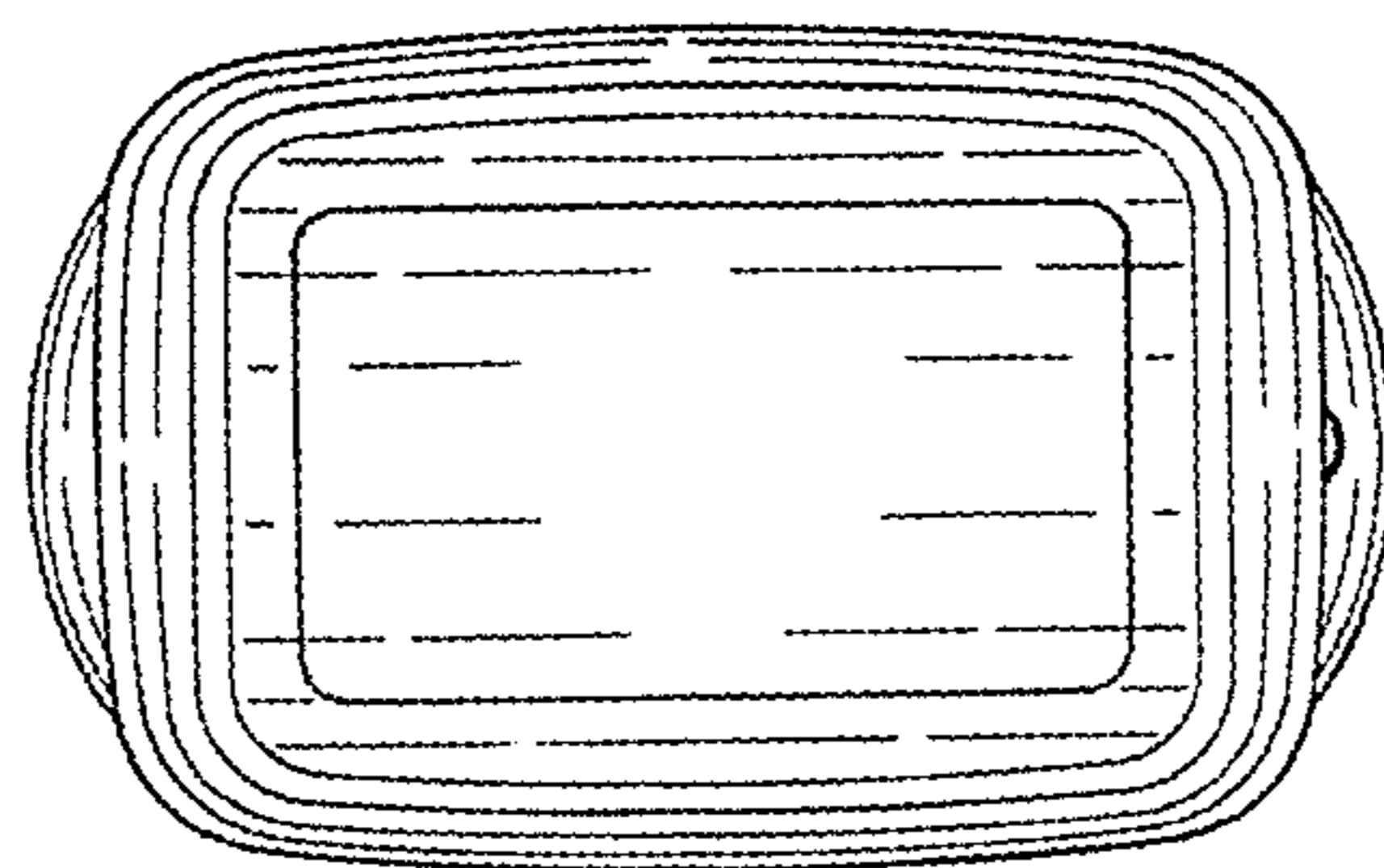


FIG. 14