

US00D944394S

(12) **United States Design Patent** (10) **Patent No.:** **US D944,394 S**
Bertrand et al. (45) **Date of Patent:** **** Feb. 22, 2022**

(54) **TOOL FOR ADJUSTING AN IMPLANTABLE
ADJUSTABLE FLUID FLOW CONTROL
VALVE**

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(US)

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Barbara, CA (US); **Leonard Porche**,
Simi Valley, CA (US)

(73) Assignee: **Medtronic, Inc.**, Minneapolis, MN
(US)

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

(21) Appl. No.: **29/794,601**

(22) Filed: **Jun. 14, 2021**

Related U.S. Application Data

(63) Continuation of application No. 29/683,136, filed on
Mar. 11, 2019, now Pat. No. Des. 922,572, which is
(Continued)

(51) **LOC (13) Cl.** **24-02**

(52) **U.S. Cl.**
USPC **D24/129**

(58) **Field of Classification Search**

USPC D24/112–114, 108, 130, 127, 133, 186;
606/181, 185; 604/264, 523–528, 272,
(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,738,666 A * 4/1998 Watson A61B 1/00135
604/247
2009/0112308 A1 * 4/2009 Kassem A61M 39/22
623/1.24

(Continued)

Primary Examiner — David G Muller

(74) *Attorney, Agent, or Firm* — Harness, Dickey &
Pierce, P.L.C.

(57) **CLAIM**

The ornamental design for a tool for adjusting an implant-
able adjustable fluid flow control valve, as shown and
described.

DESCRIPTION

FIG. 1 is a top front perspective view of an ornamental
design for an assembly for locating, indicating, and adjust-
ing a valve;

FIG. 2 is a top plan view of the design for of the assembly
for locating, indicating, and adjusting a valve;

FIG. 3 is a bottom plan view of the design for the assembly
for locating, indicating, and adjusting a valve;

FIG. 4 is a rear perspective view of the design for the
assembly for locating, indicating, and adjusting a valve;

FIG. 5 is a cross-sectional view of a design for an adjustment
tool of an assembly for locating, indicating, and adjusting a
valve taken along line 5-5 of FIG. 2;

FIG. 6 is a cross-sectional view of the design for an indicator
tool at the assembly for locating, indicating, and adjusting a
valve taken along line 6-6 of FIG. 2;

FIG. 7 is a cross-sectional view of the design for the locator
tool of the assembly for locating, indicating, and adjusting a
valve taken along line 7-7 of FIG. 2;

FIG. 8 is a partial assembled view of the design for the
indicator tool of an assembly for locating, indicating, and
adjusting a valve;

FIG. 9 is a bottom perspective view of the design for the
assembly for locating, indicating, and adjusting a valve;

FIG. 10 is a first side elevation view of the design for the
assembly for locating, indicating, and adjusting a valve;

FIG. 11 is a second side elevation view of the design for the
assembly for locating, indicating, and adjusting a valve;

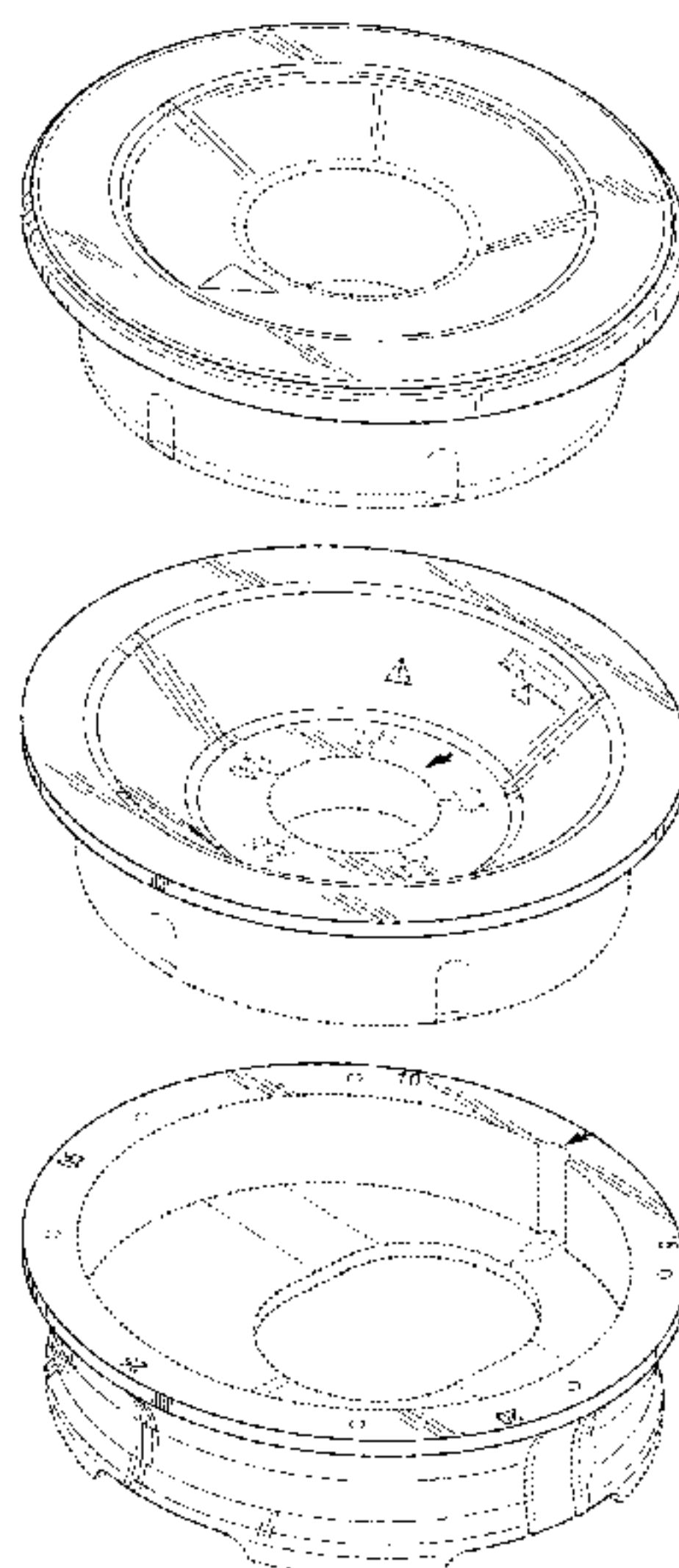
FIG. 12 is a third side elevation view of the design for the
assembly for locating, indicating, and adjusting a valve;

FIG. 13 is a fourth side elevation view of the design for the
assembly for locating, indicating, and adjusting a valve; and,

FIG. 14 is a top rear perspective view of the design for the
assembly for locating, indicating, and adjusting a valve.

The even broken lines are for the purpose of illustrating
portions of the article and form no part of the claim design.
The dot-dash broken lines define bounds of the claim design
and form no part thereof.

1 Claim, 9 Drawing Sheets



Related U.S. Application Data		(56)	References Cited	
a continuation of application No. 15/180,662, filed on Jun. 13, 2016, now abandoned, which is a continuation of application No. 14/148,151, filed on Jan. 6, 2014, now Pat. No. 9,364,646, which is a continuation of application No. 09/745,108, filed on Dec. 20, 2000, now Pat. No. 8,622,978, which is a continuation of application No. 09/270,540, filed on Mar. 17, 1999, now abandoned.			U.S. PATENT DOCUMENTS	
(58)	Field of Classification Search		2010/0298645	A1 * 11/2010 Deutch A61D 1/16 600/201
			2012/0232462	A1 * 9/2012 Miethke A61M 1/3655 604/9
			2016/0361523	A1 * 12/2016 Haughton A61M 25/10185
			2017/0325685	A1 * 11/2017 Shachar A61B 5/031
			2018/0243542	A1 * 8/2018 Pfeiderer A61M 27/006
			2018/0311485	A1 * 11/2018 Sheehy A61B 5/4064
			2019/0083763	A1 * 3/2019 Boden, Jr A61M 27/006
			2019/0350622	A1 * 11/2019 Abou El Kheir A61B 17/320016
			2019/0388660	A1 * 12/2019 Negre A61M 27/006
			2020/0038126	A1 * 2/2020 Cau A61B 34/30
			2020/0375745	A1 * 12/2020 Sampath A61N 1/37514
			* cited by examiner	
USPC 604/164.01–164.11, 187, 93.01; 600/101, 600/139, 143; 128/200.24, 207.14, 128/207.15				
CPC A61M 27/006; A61M 25/065; A61M 5/42; A61M 25/0612; A61M 25/00; A61M 39/00; A61M 27/00; A61M 25/0043; A61M 25/0067; A61M 25/0097; A61F 2/958				
See application file for complete search history.				

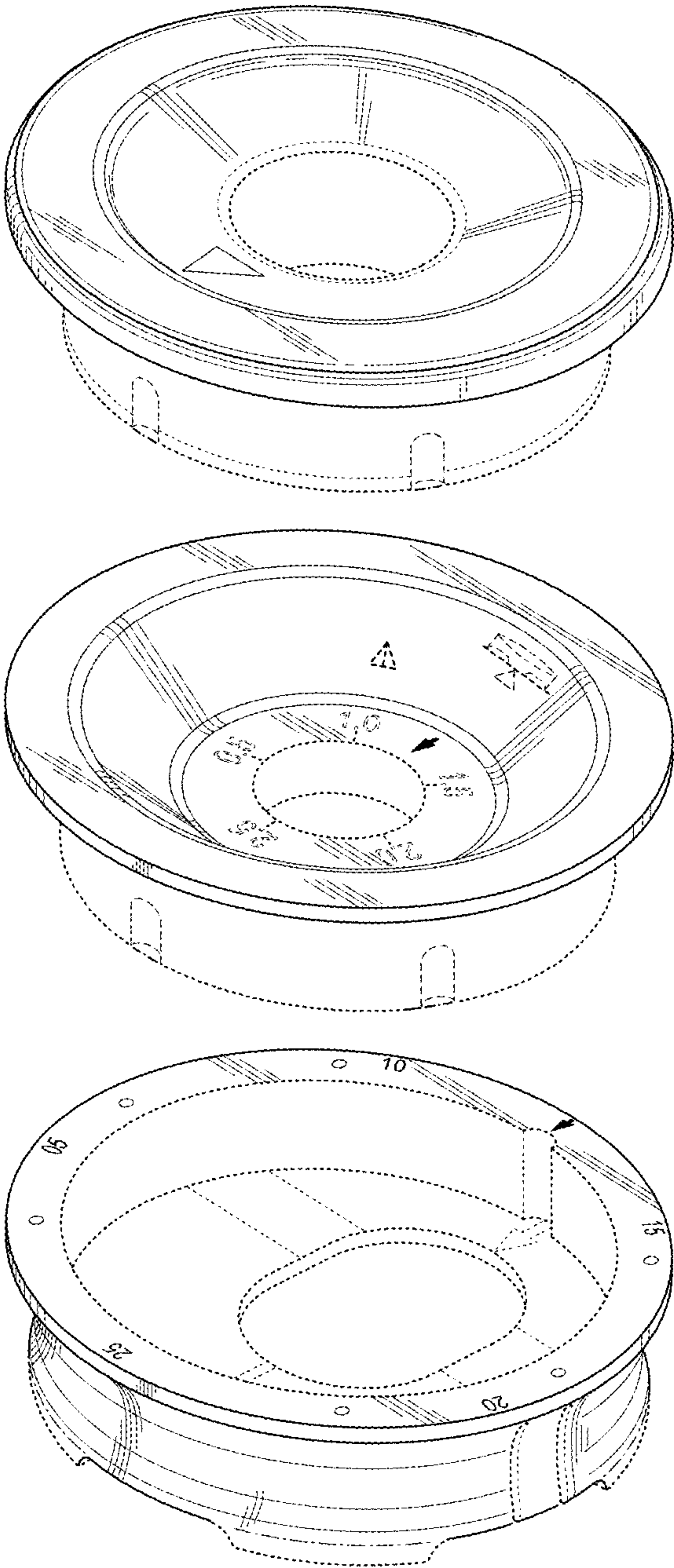


FIG. 1

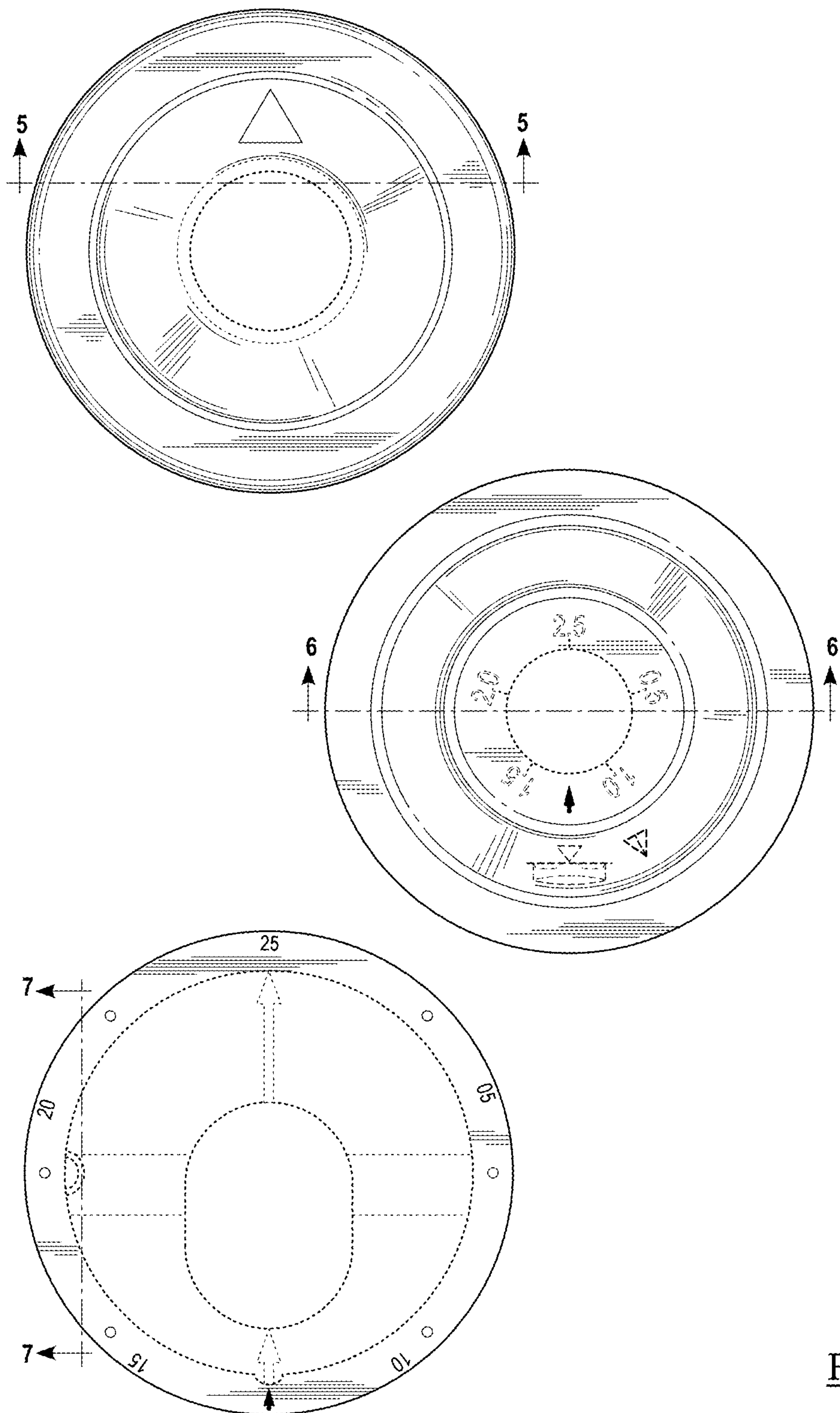


FIG. 2

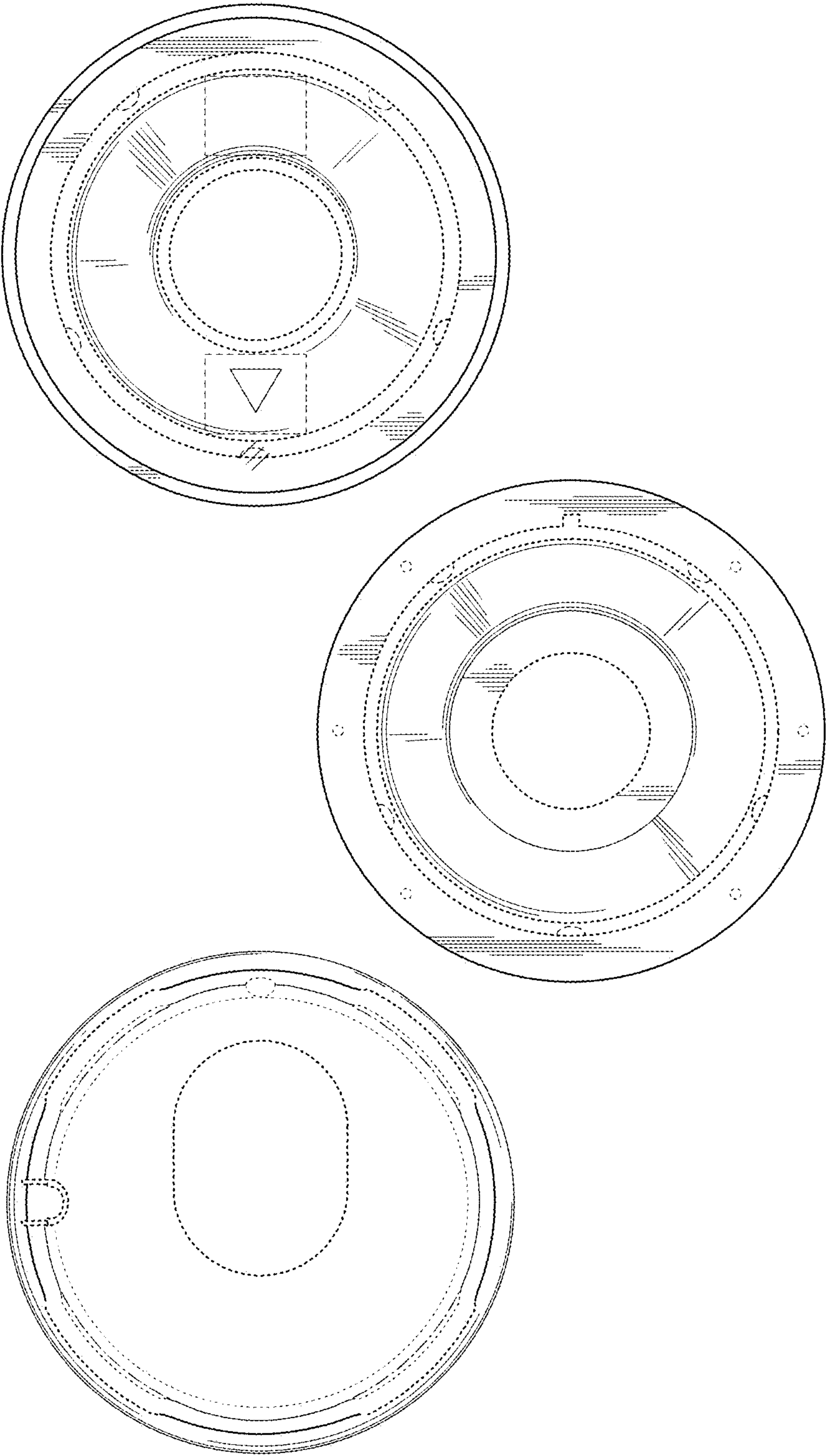


FIG. 3

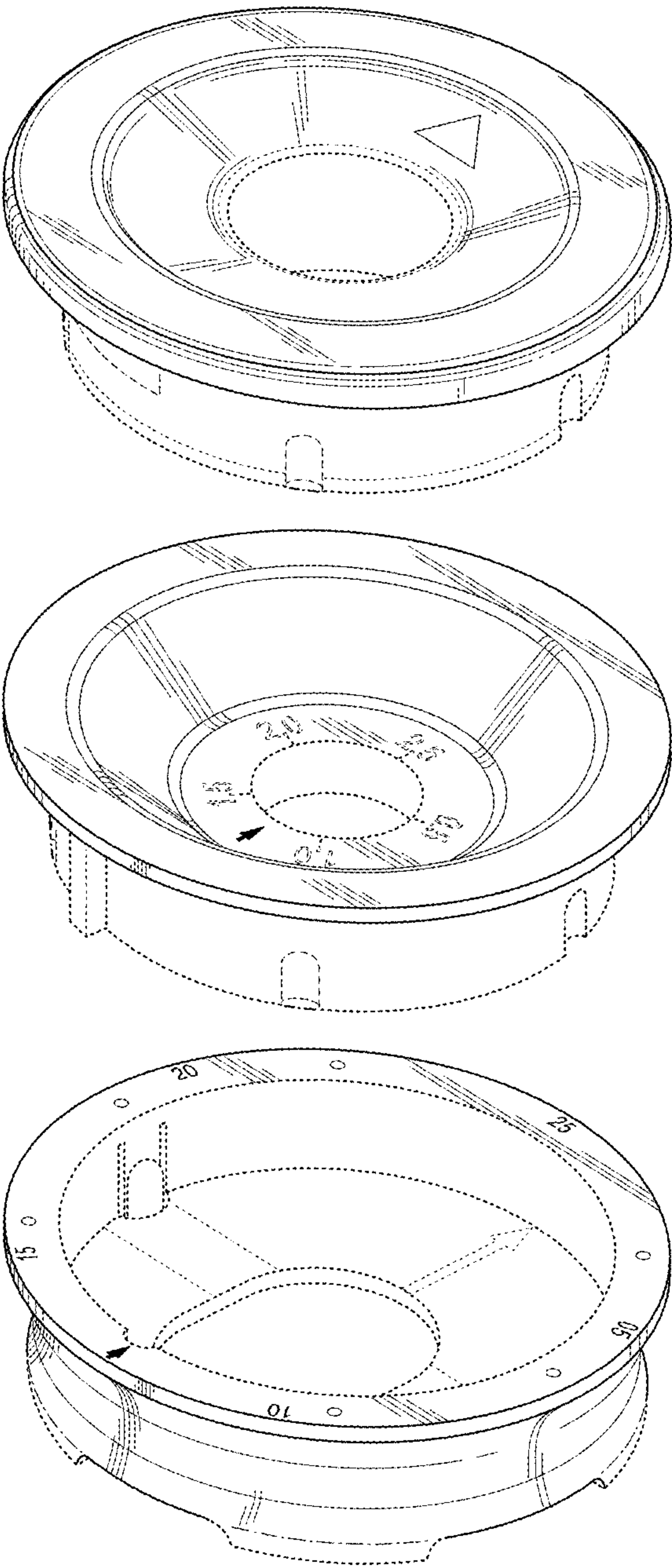


FIG. 4

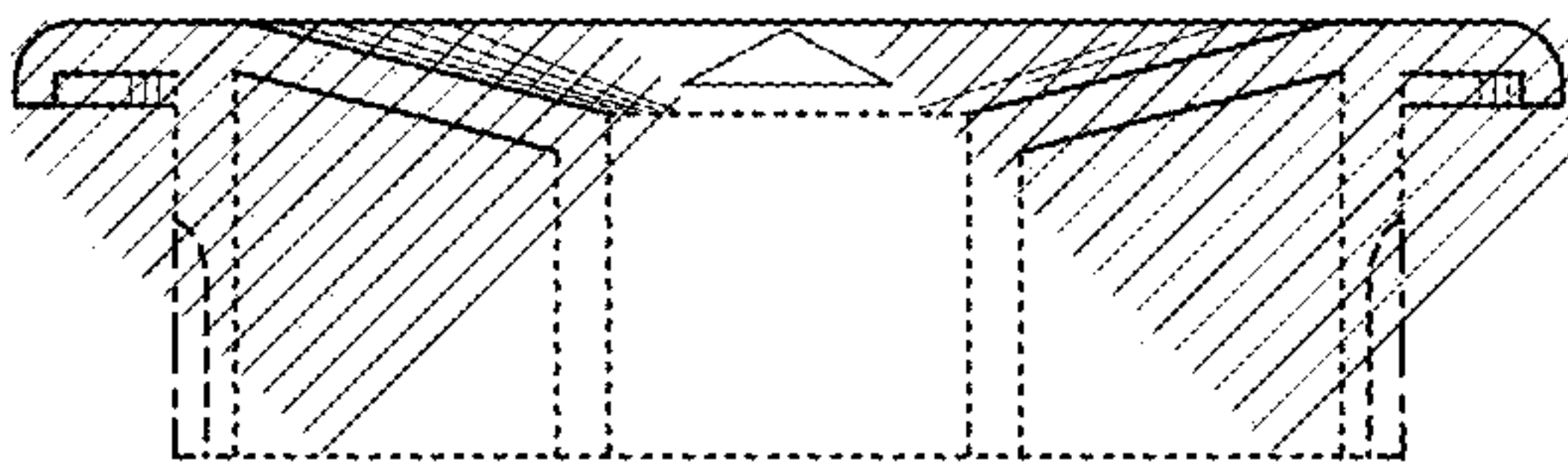


FIG. 5

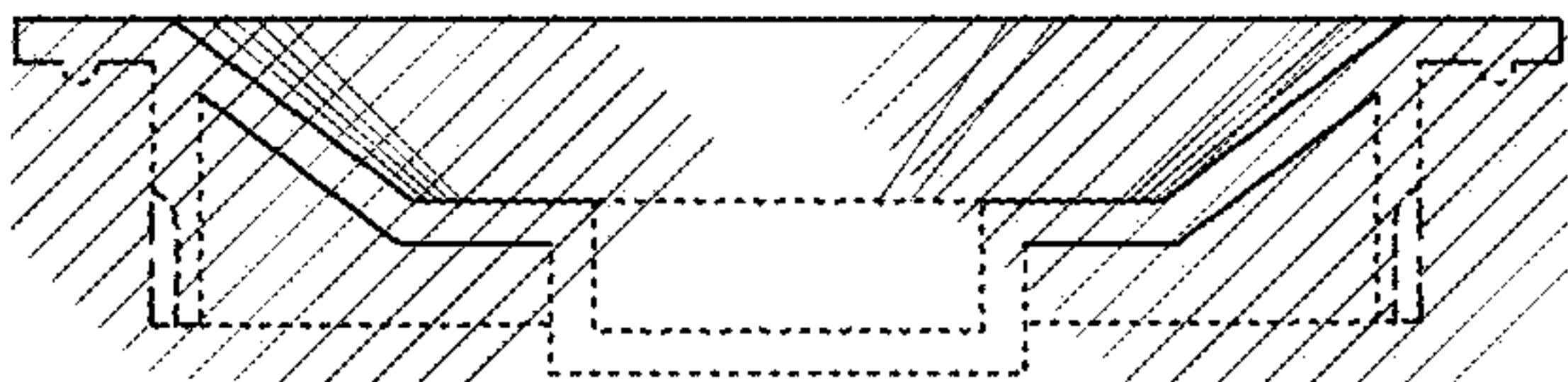


FIG. 6

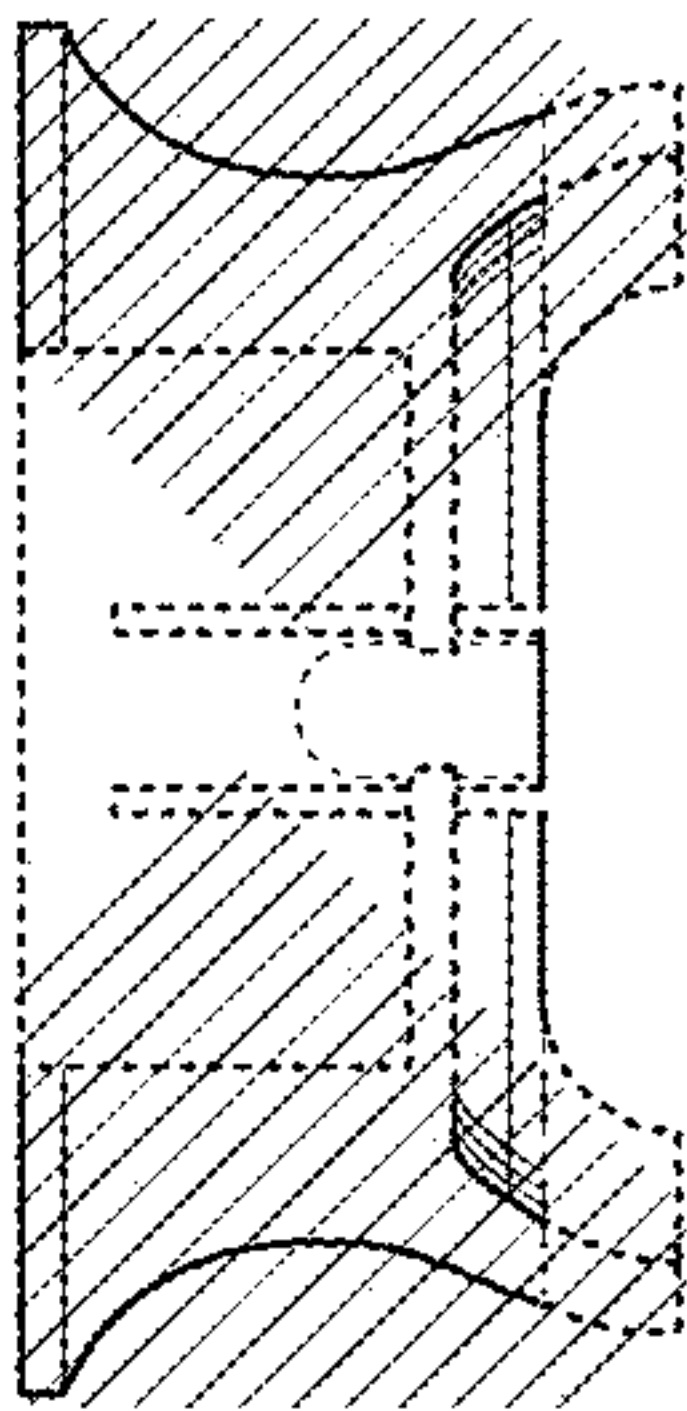


FIG. 7

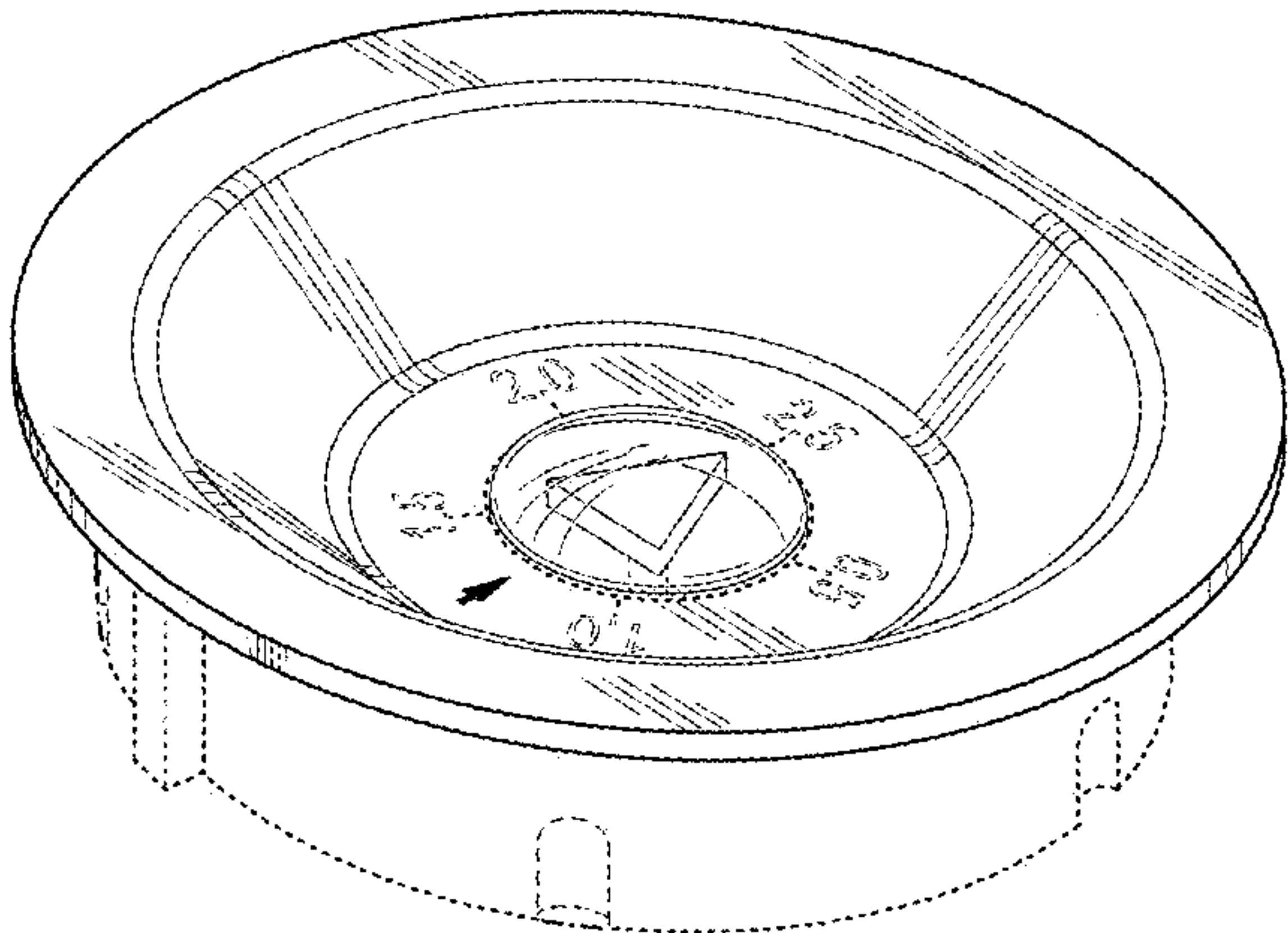


FIG. 8

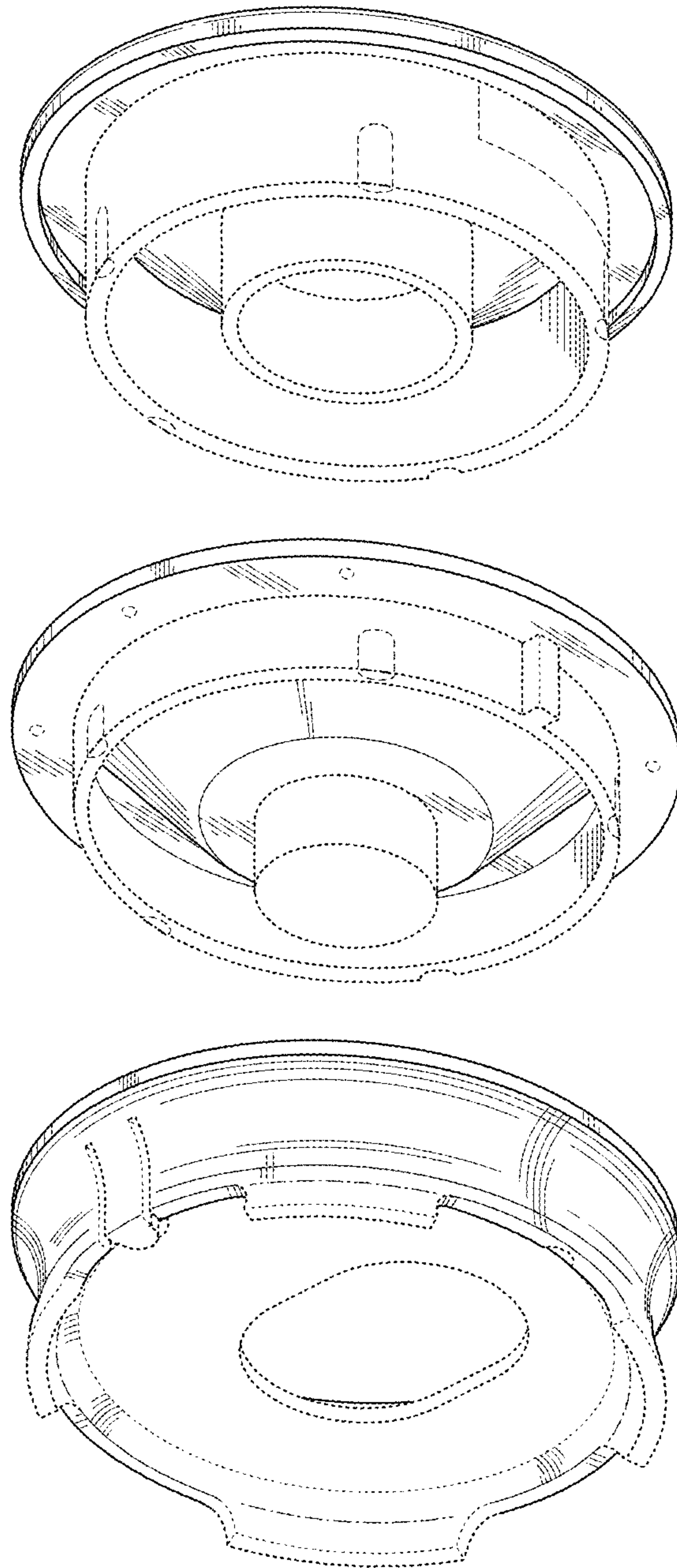


FIG. 9

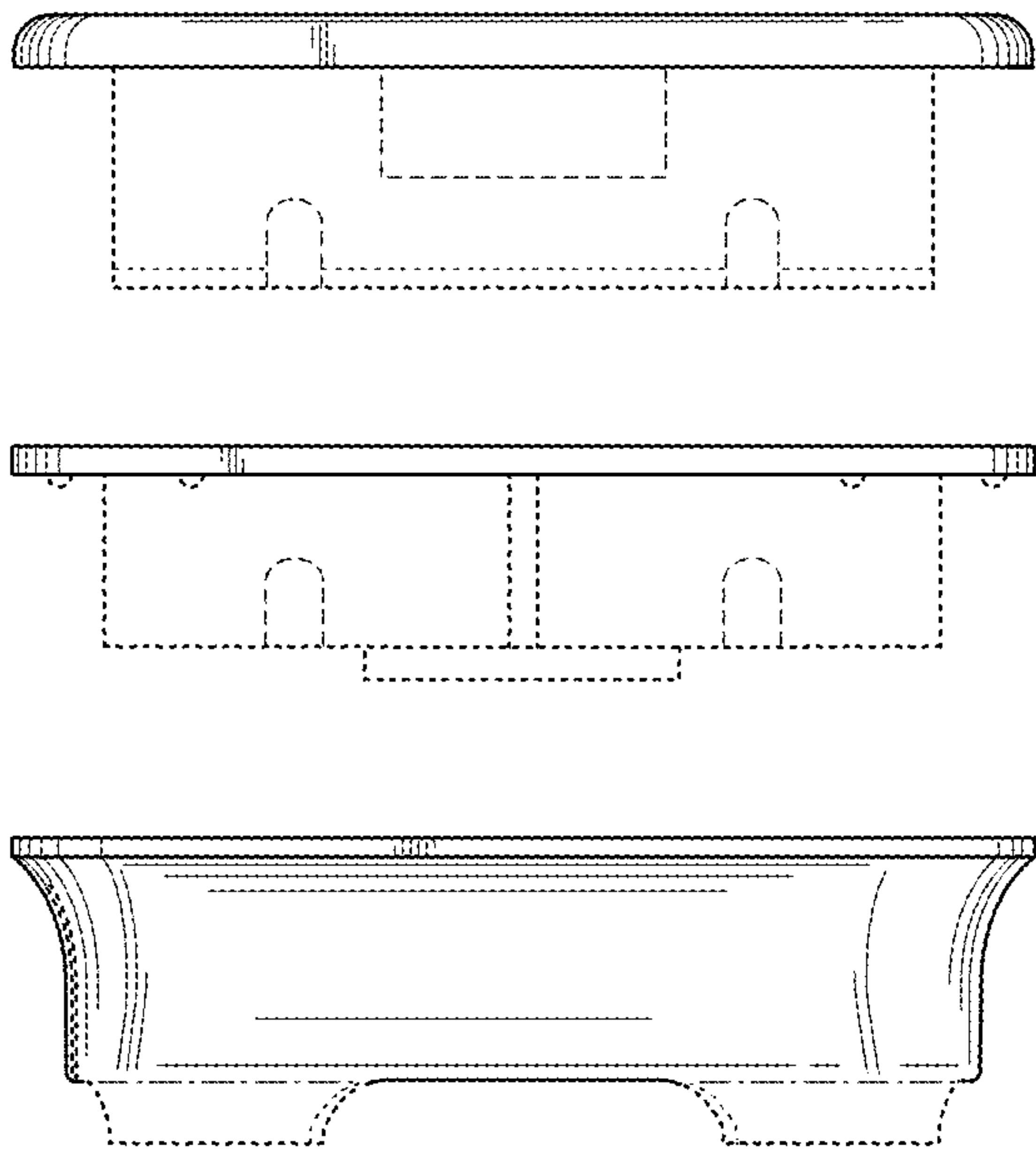


FIG. 10

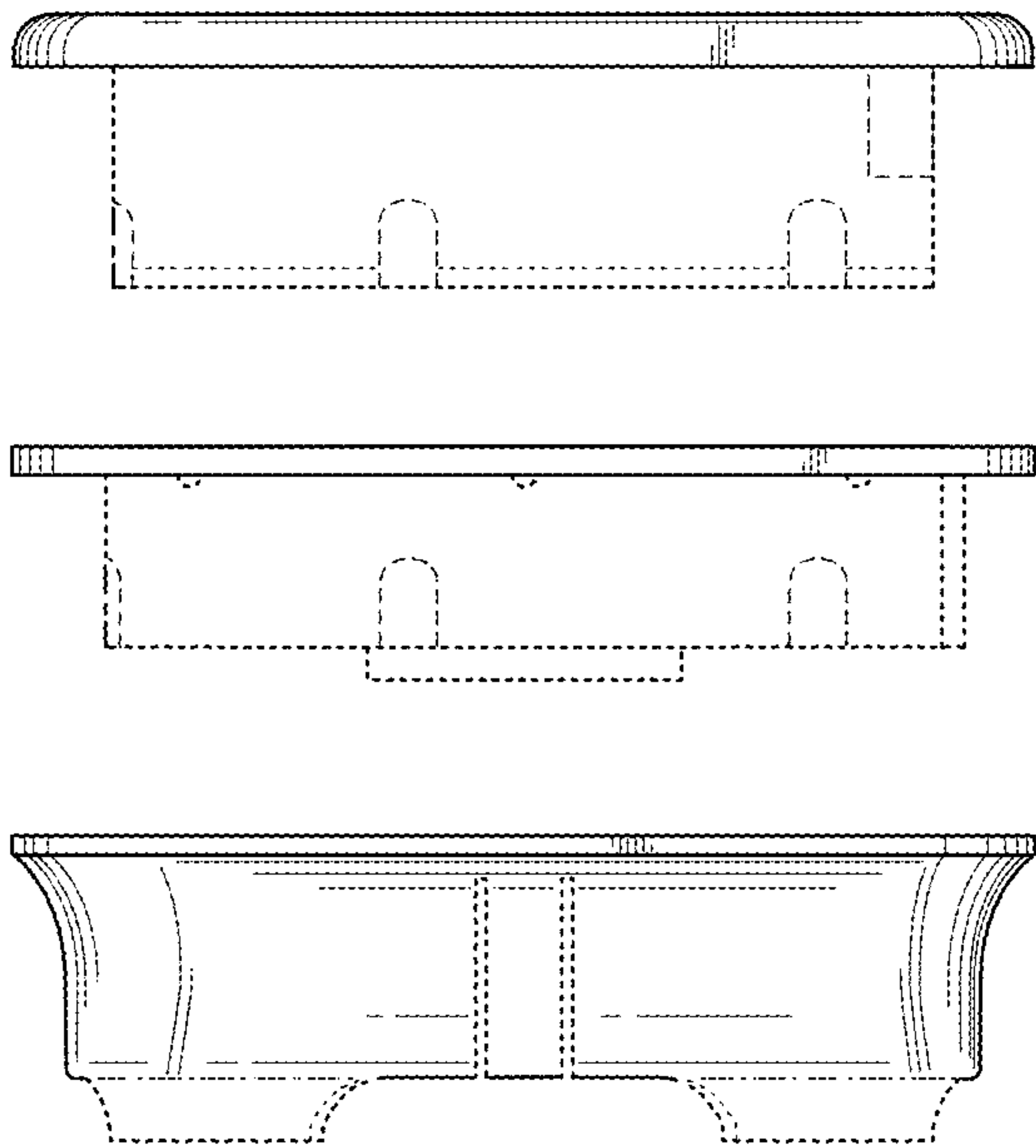


FIG. 11

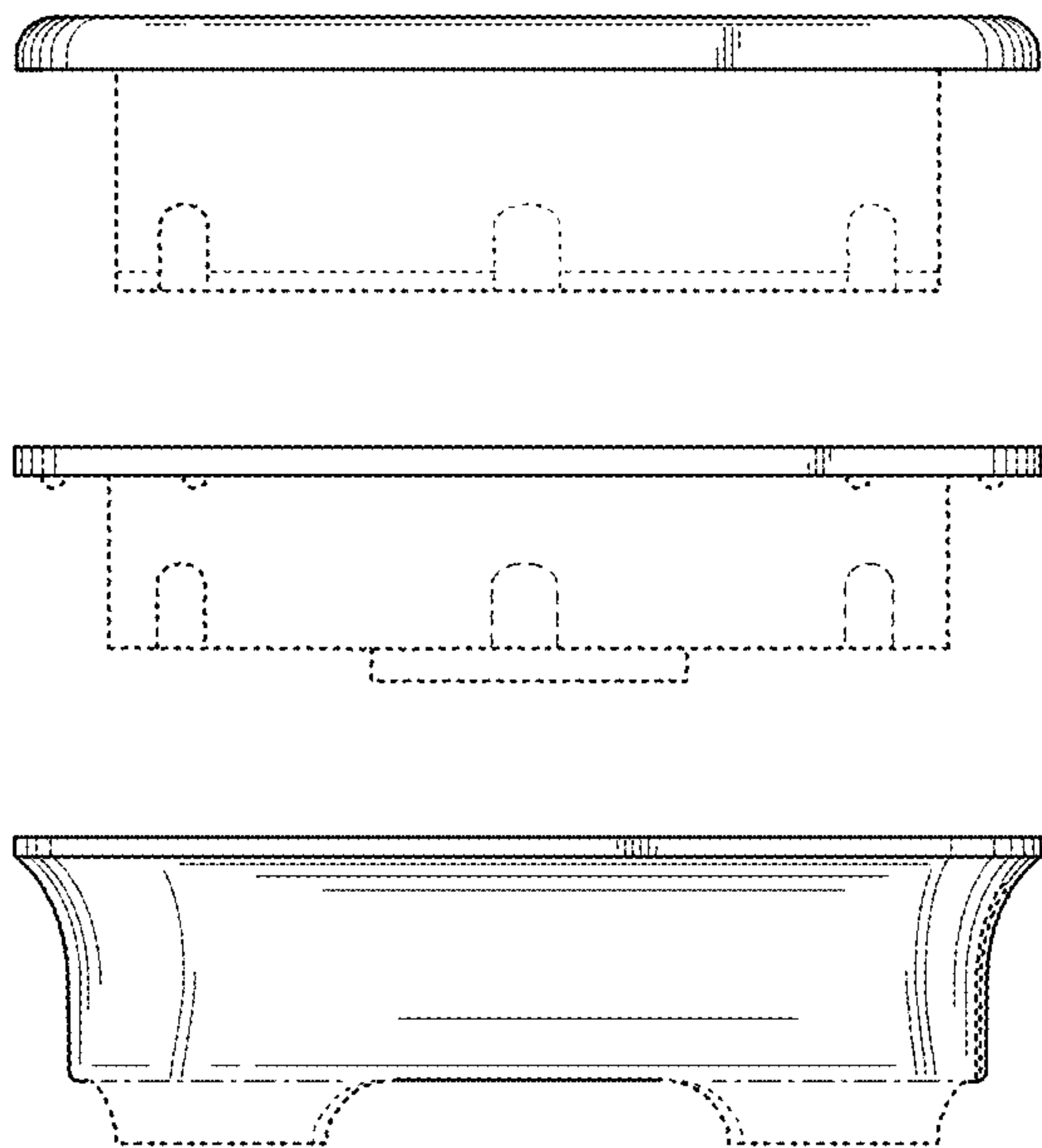


FIG. 12

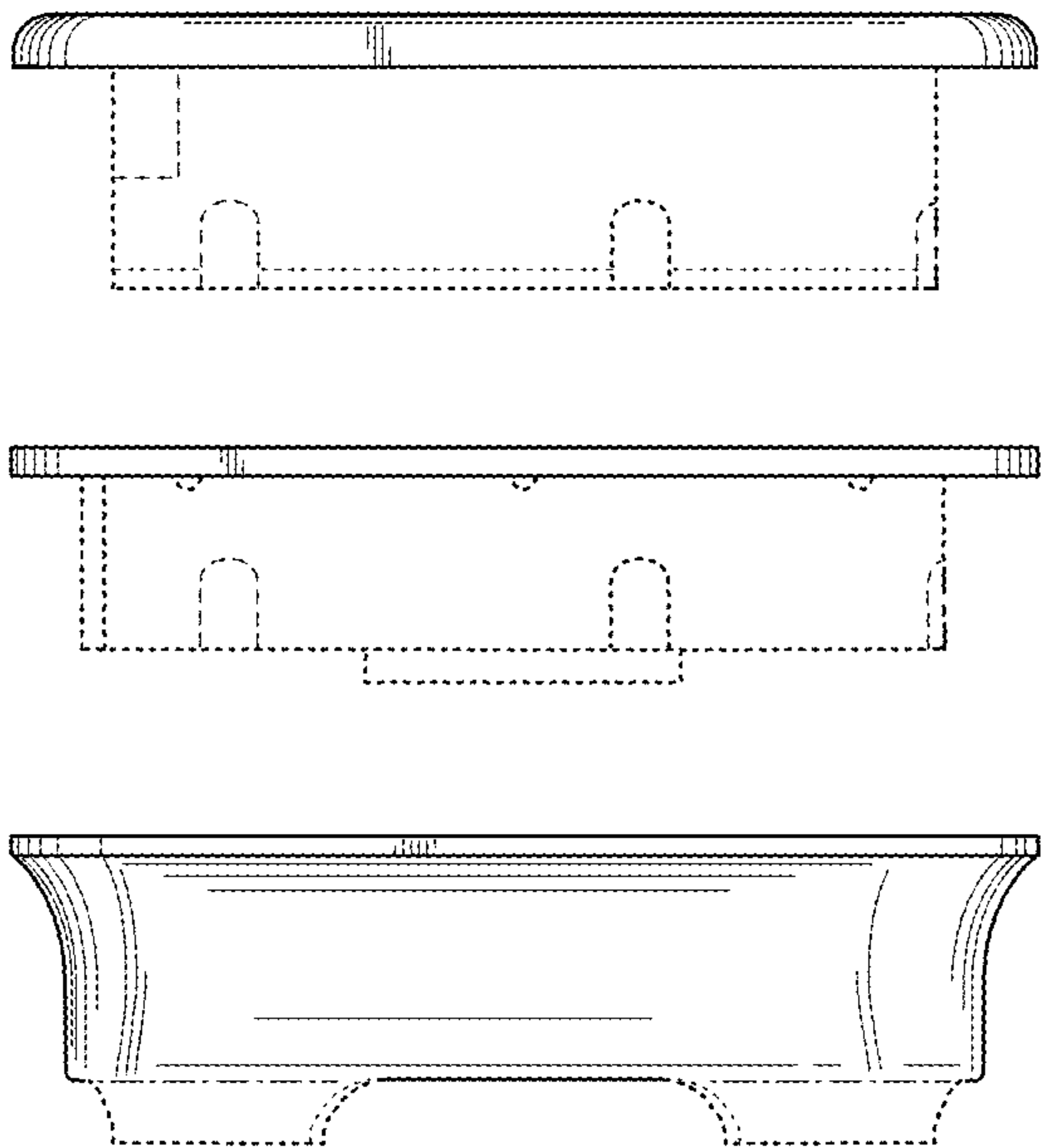


FIG. 13

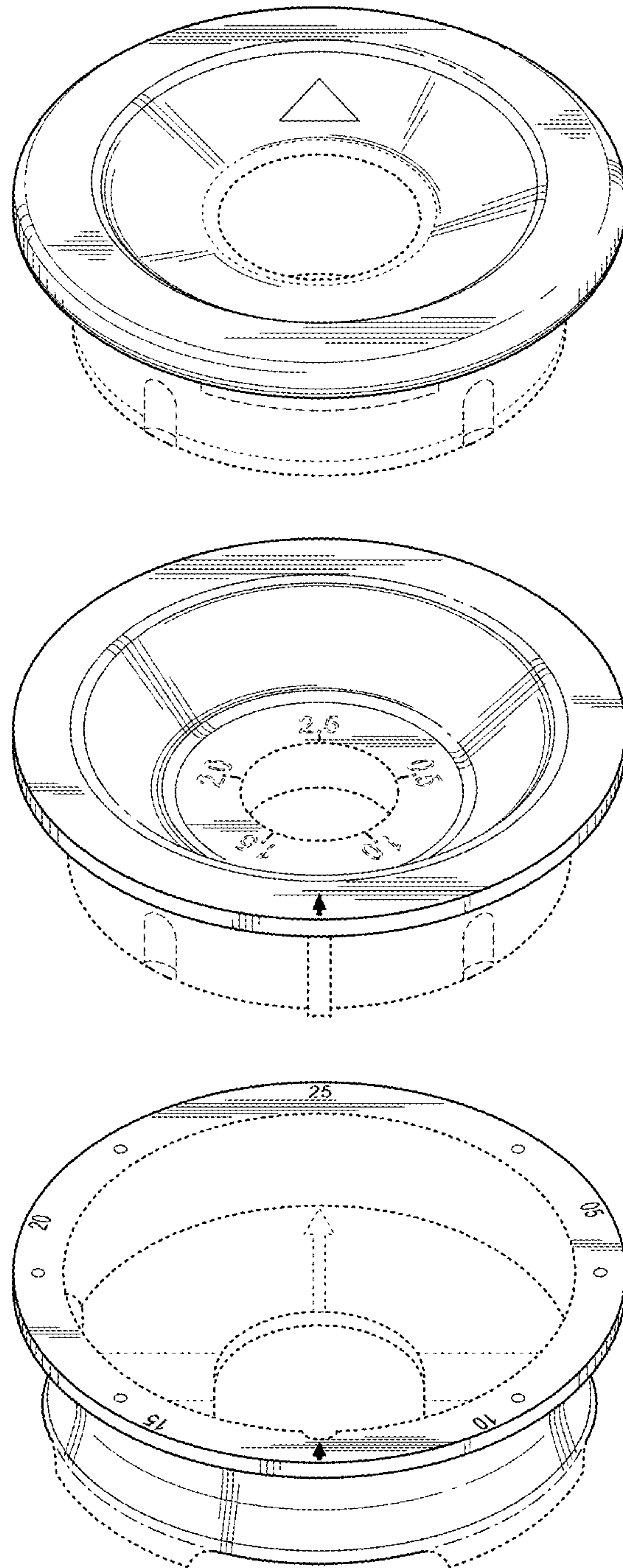


FIG. 14

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : D944,394 S
APPLICATION NO. : 29/794601
DATED : February 22, 2022
INVENTOR(S) : Jeffrey W. Bertrand et al.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the Title Page

Column 2, Line 4, After “design for”, delete “of”

Signed and Sealed this
Fourteenth Day of June, 2022

Katherine Kelly Vidal
Director of the United States Patent and Trademark Office