



US00D876363S

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

(10) **Patent No.:** **US D876,363 S**

(45) **Date of Patent:** **** Feb. 25, 2020**

- (54) **SOCKET CONNECTOR**
- (71) Applicant: **Molex, LLC**, Lisle, IL (US)
- (72) Inventors: **Jeffrey Alan Joniak**, Homer Glen, IL (US); **Chiuming Lu**, Lisle, IL (US)
- (73) Assignee: **Molex, LLC**, Lisle, IL (US)
- (**) Term: **15 Years**
- (21) Appl. No.: **29/706,003**
- (22) Filed: **Sep. 17, 2019**

- 2,941,025 A * 6/1960 Wayman H01B 17/308
174/653
- D432,088 S * 10/2000 Malak D13/154
- D685,505 S * 7/2013 Yamamoto D26/2
- D685,507 S * 7/2013 Sun D26/2
- 9,680,268 B1 * 6/2017 Finona H01R 24/38
- 2013/0095689 A1 * 4/2013 Hayman H01R 13/00
439/359
- 2013/0286669 A1 * 10/2013 Moser F21V 19/001
362/382
- 2014/0227900 A1 * 8/2014 Zitsch H01R 13/62
439/359
- 2016/0230979 A1 * 8/2016 Kwon F21V 31/00
- 2017/0338606 A1 * 11/2017 Copper H01R 12/55
- 2019/0237921 A1 * 8/2019 Yamanaka H01R 13/53

* cited by examiner

Related U.S. Application Data

- (62) Division of application No. 29/655,188, filed on Jun. 29, 2018.
- (51) **LOC (12) Cl.** **13-03**
- (52) **U.S. Cl.**
USPC **D13/146**
- (58) **Field of Classification Search**
USPC D13/118, 123, 133-135, 146, 147, 151,
D13/154, 173, 178, 182, 184, 199;
D26/1, 2, 23, 26, 113; 439/843
CPC F21V 15/00; F21V 29/00; G02B 6/38;
G02B 6/40; H01B 17/30; H01R 13/00;
H01R 13/28; H01R 13/436; H01R
13/622; H01R 13/627; H01R 24/38;
H01R 12/70; H01R 12/88; H01R 12/91;
H01R 13/11; H01R 13/18; H01R 13/187;
H01R 13/631; H01R 13/05; H01R 25/16;
H01R 25/02

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

- D55,253 S * 5/1920 Eaton D26/113
- D181,356 S * 11/1957 Hertz D13/146

Primary Examiner — Angela J Lee

Assistant Examiner — Shawn T Gingrich

(74) *Attorney, Agent, or Firm* — Banner & Witcoff, Ltd.

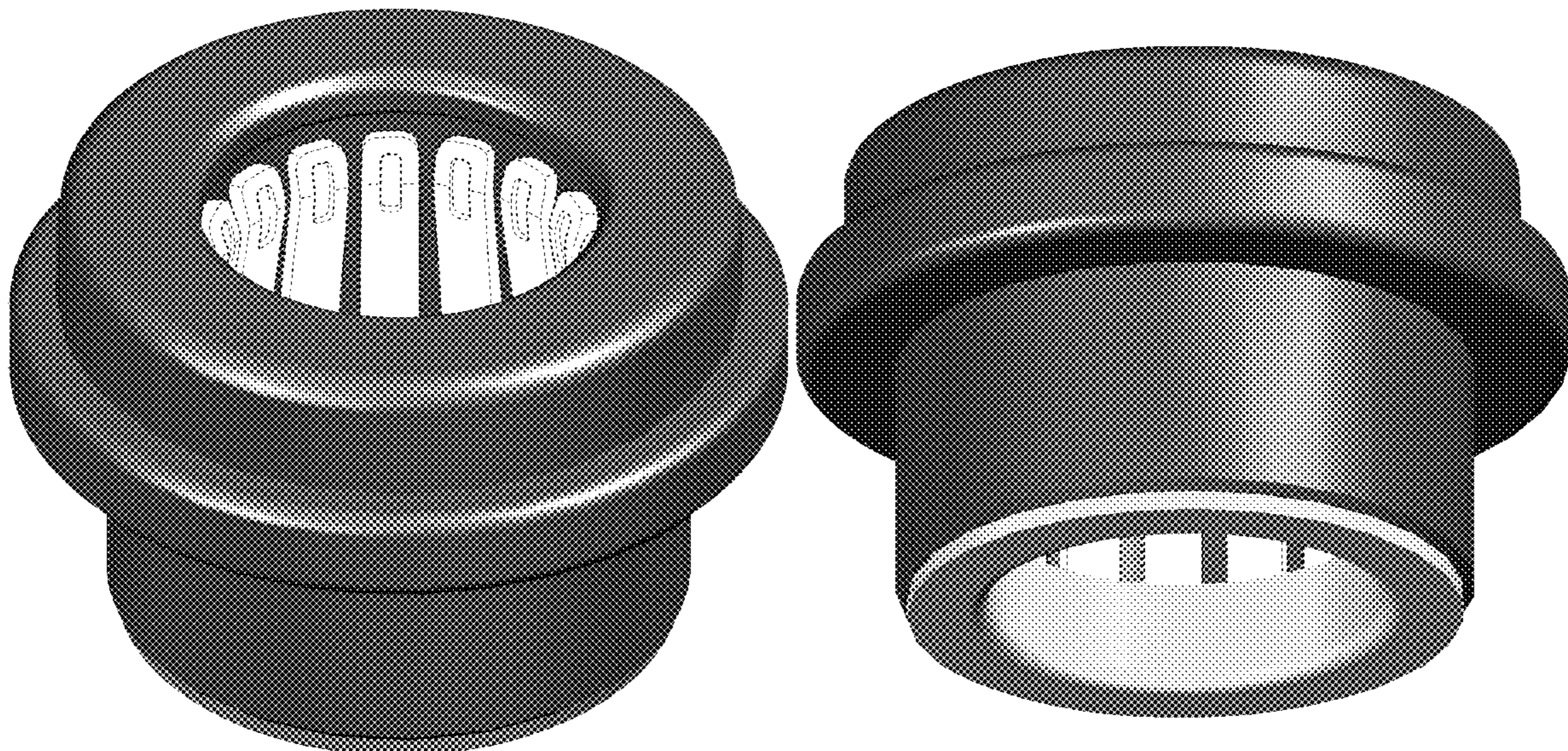
(57) **CLAIM**

The ornamental design for a socket connector, as shown and described.

DESCRIPTION

FIG. 1 is a front perspective view of a socket connector showing our new design;
 FIG. 2 is a front view thereof;
 FIG. 3 is a rear view thereof;
 FIG. 4 is a right side view thereof;
 FIG. 5 is a left side view thereof;
 FIG. 6 is a top view thereof;
 FIG. 7 is a bottom view thereof; and,
 FIG. 8 is a bottom perspective view thereof.
 The broken lines depicting the terminal contacts of the socket connector form no part of the claimed design. The grey-fill shading is used as an aid to represent surface contour and to distinguish the surfaces from one another; and no contrast in appearance is hereby claimed.

1 Claim, 8 Drawing Sheets



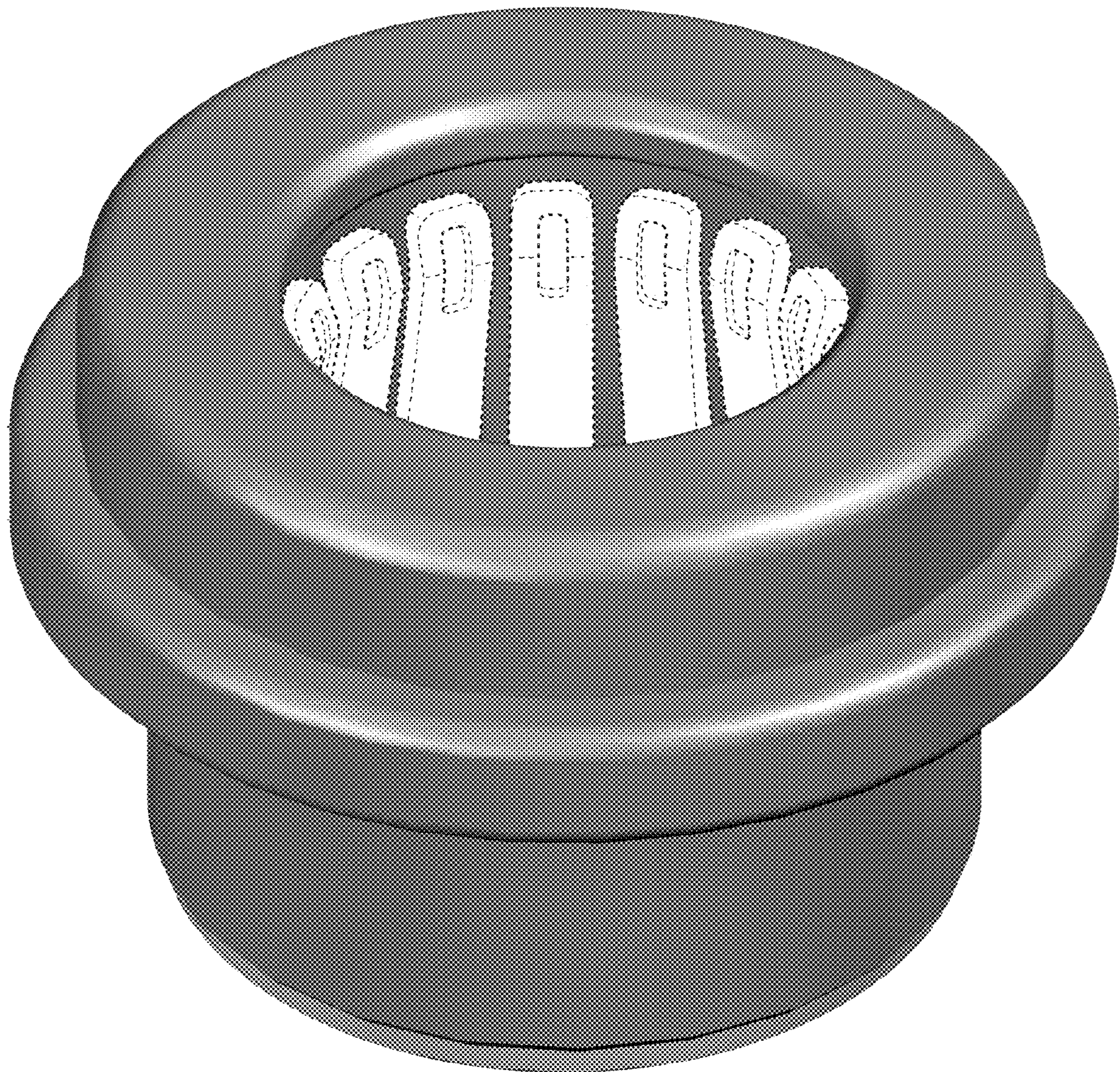


FIG. 1

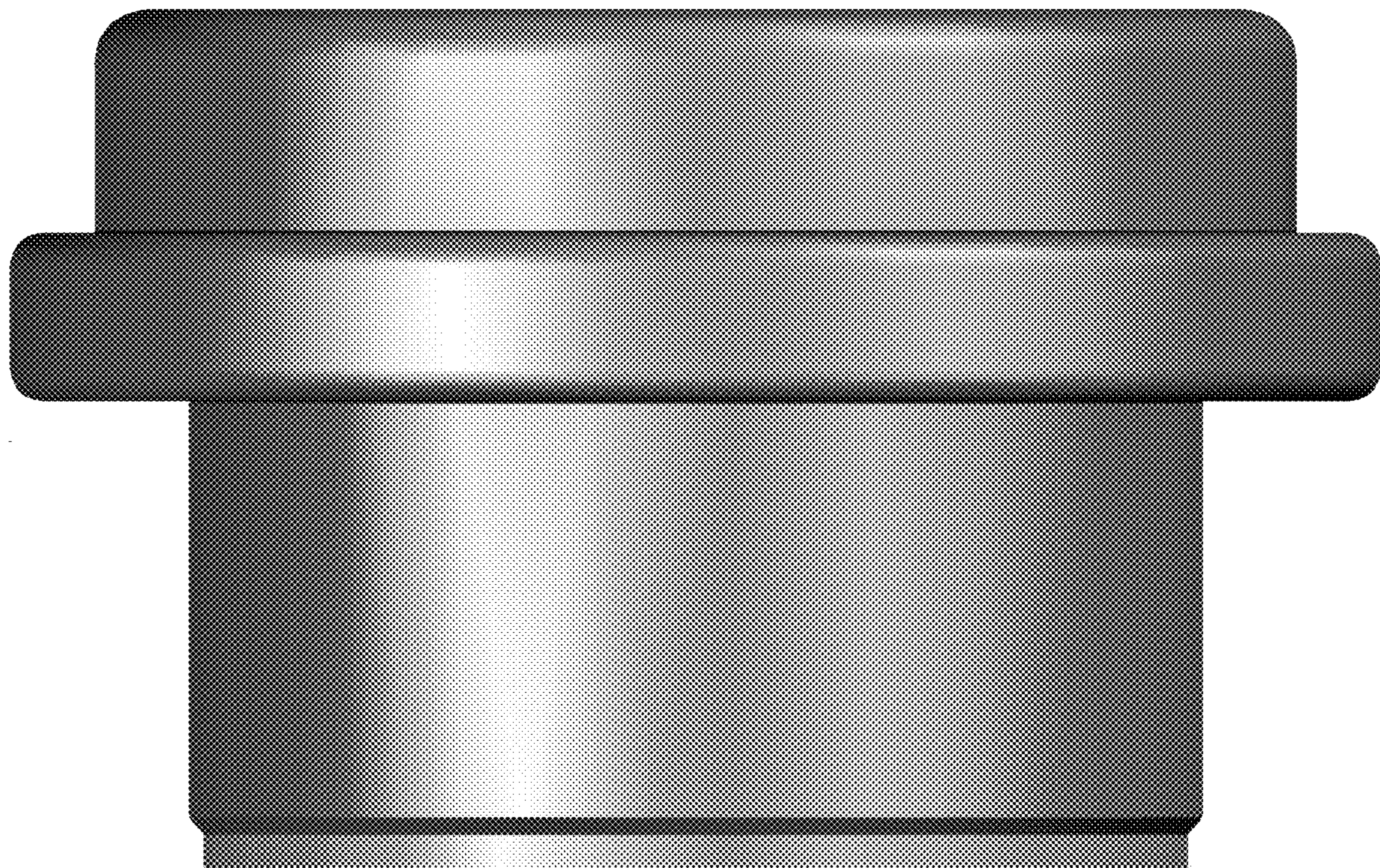


FIG. 2

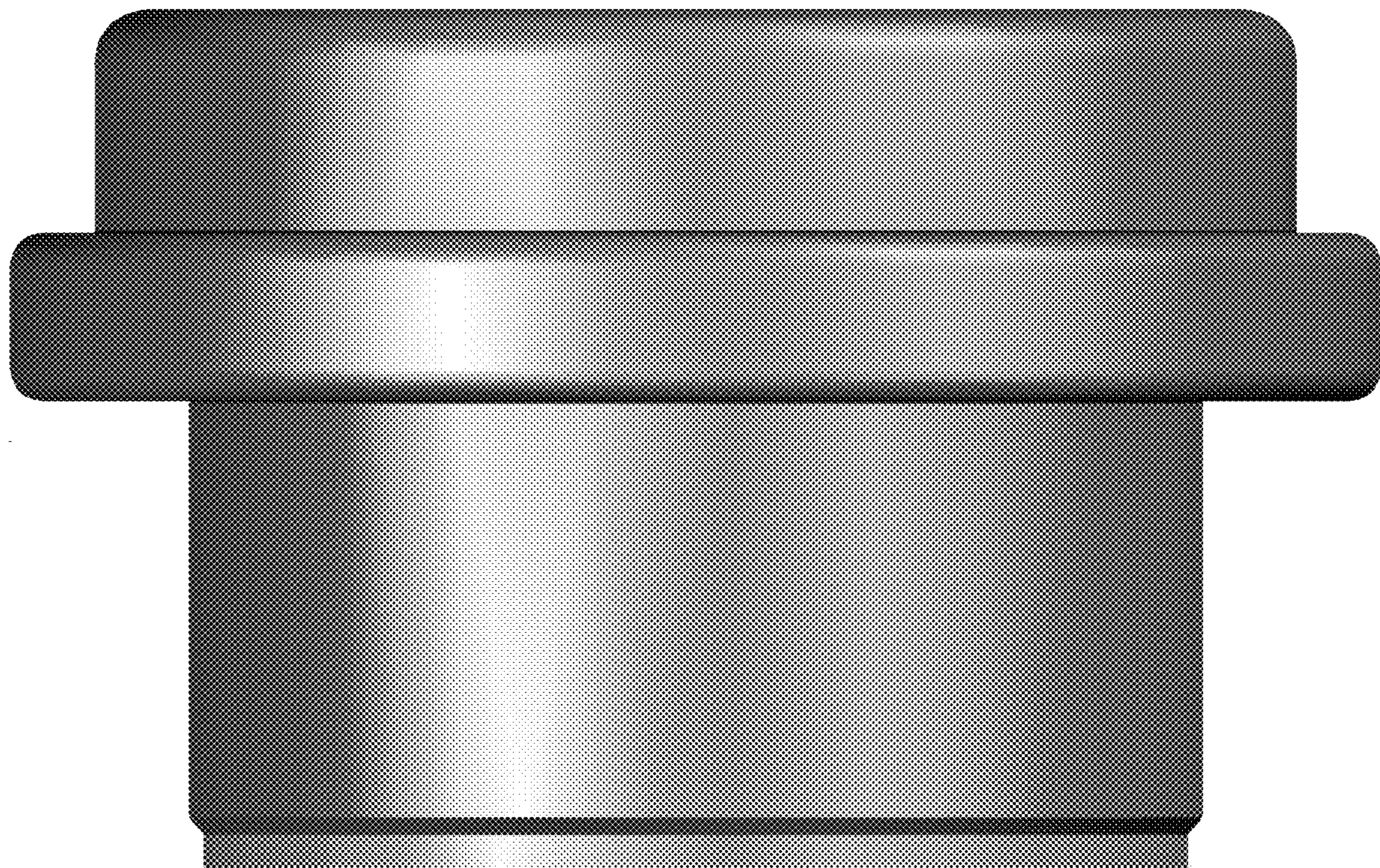


FIG. 3

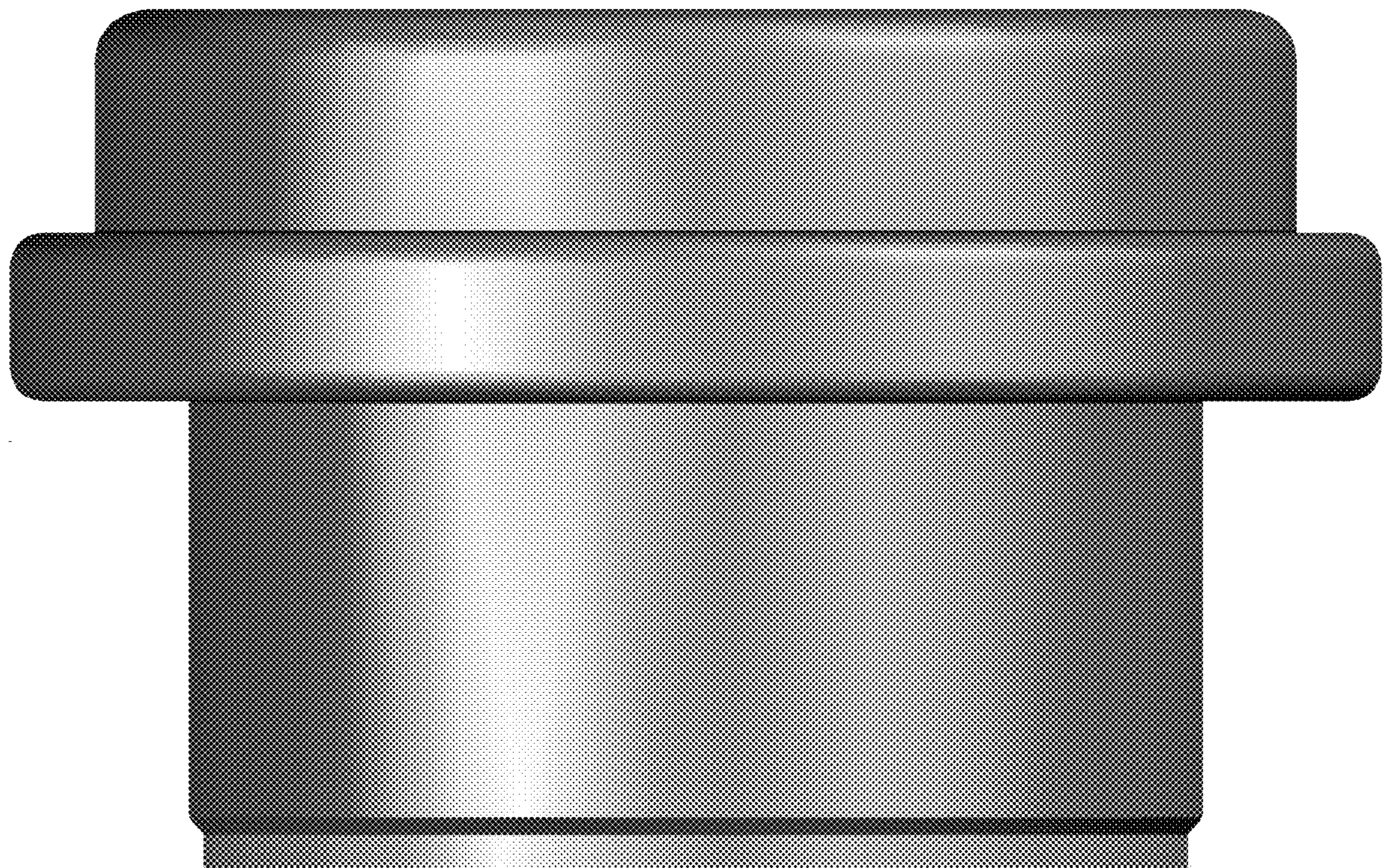


FIG. 4

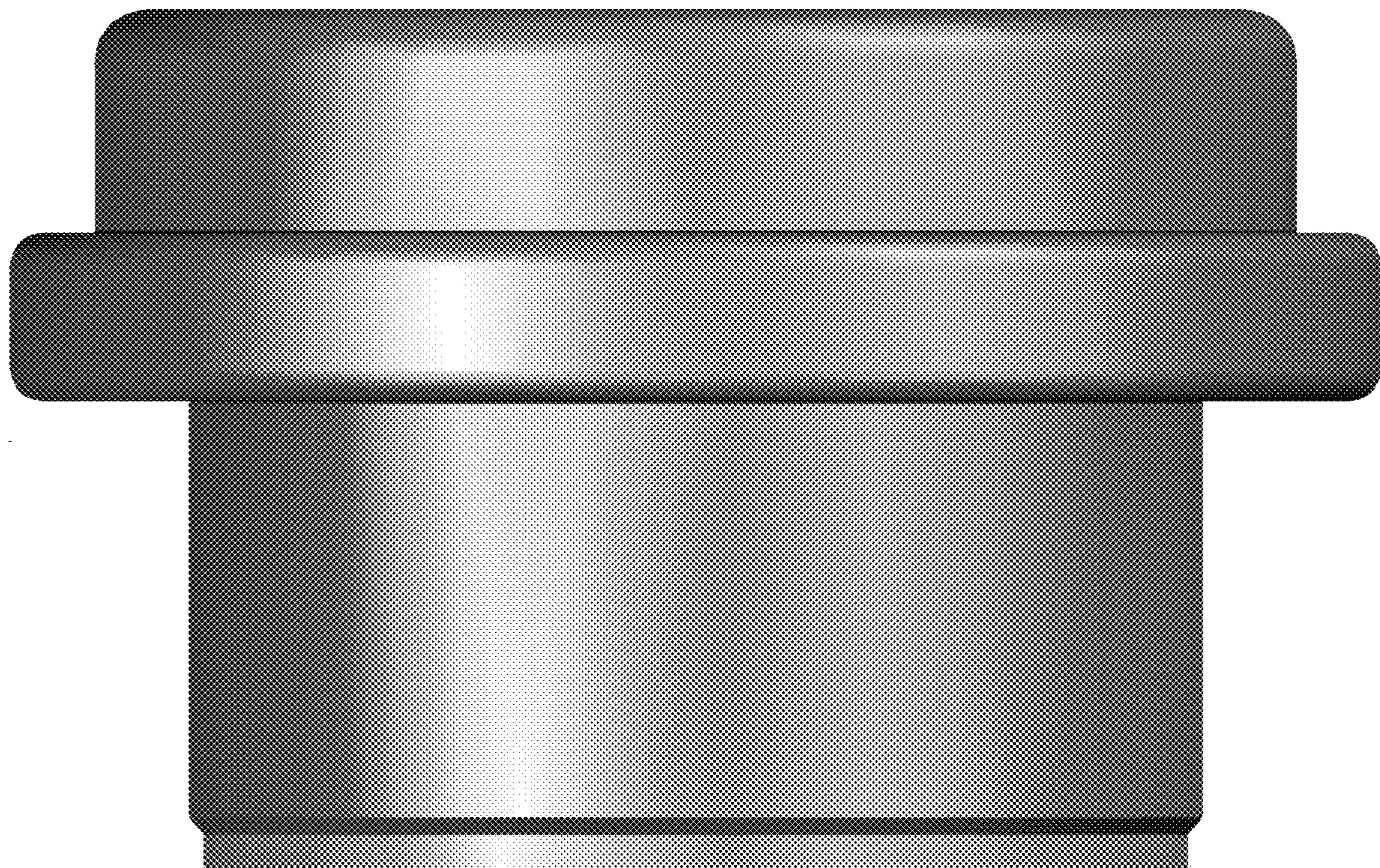


FIG. 5

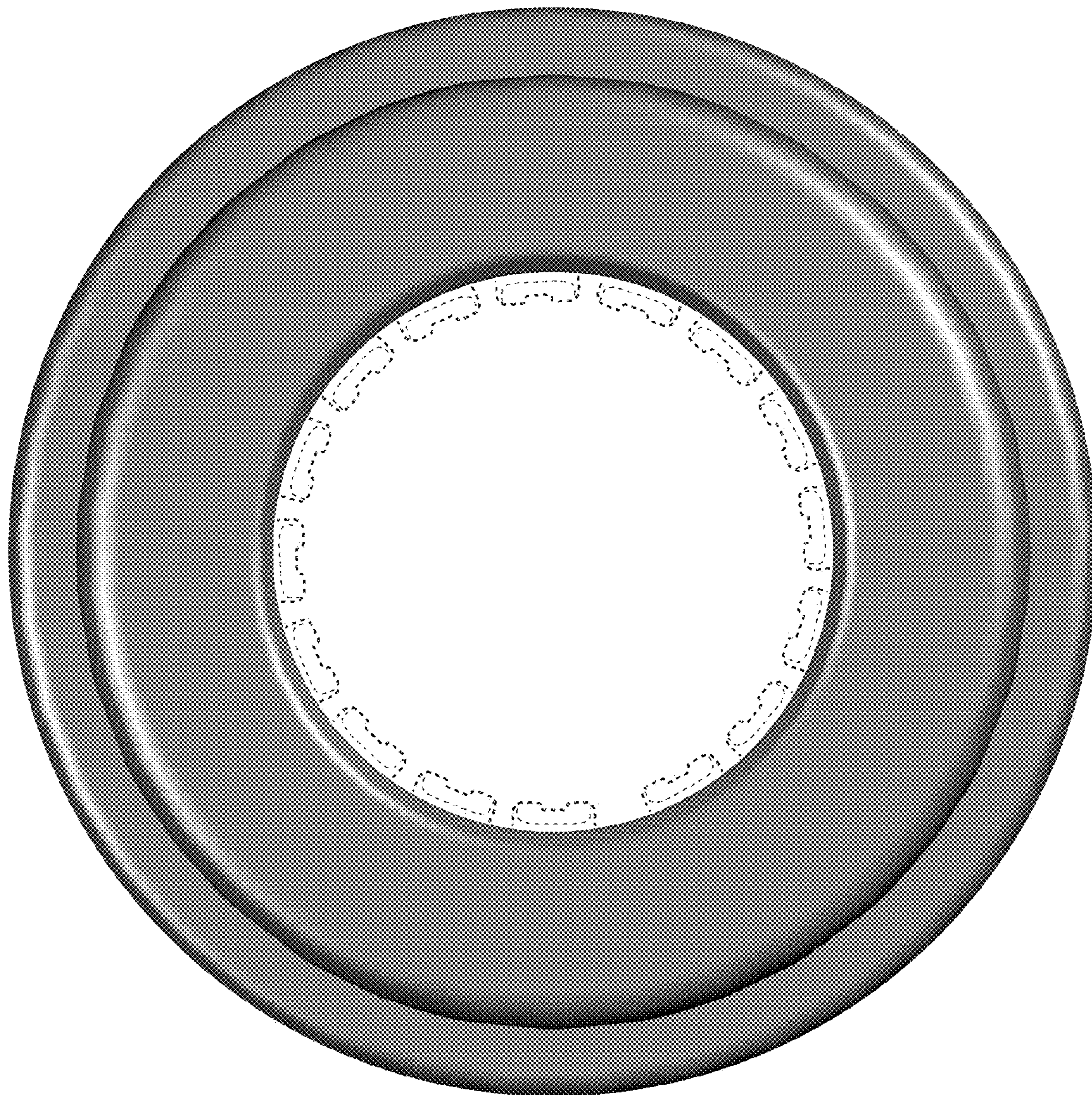


FIG. 6

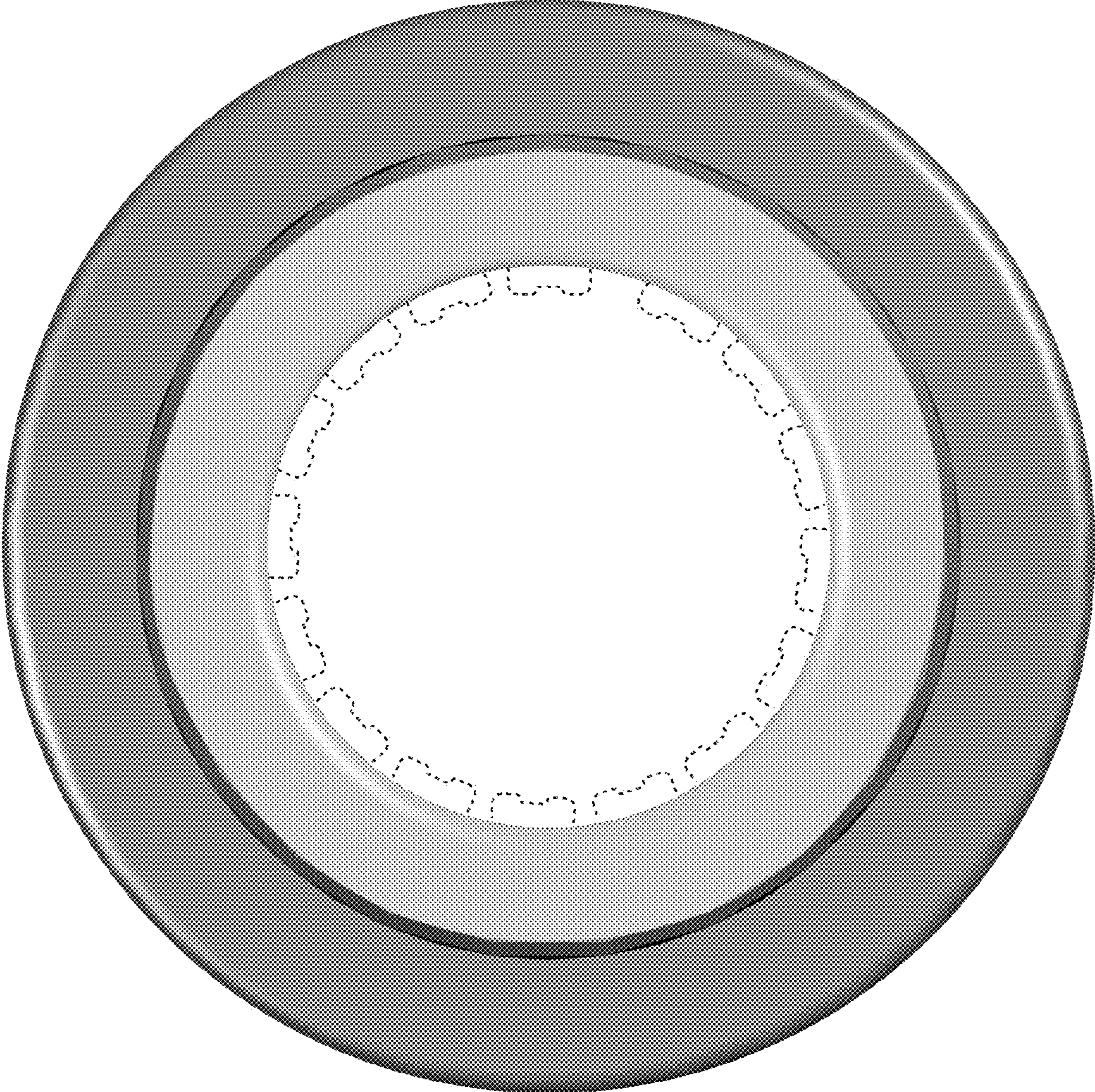


FIG. 7



FIG. 8