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(12) **United States Design Patent** (10) **Patent No.:** **US D837,012 S**
Sakamaki et al. (45) **Date of Patent:** **** *Jan. 1, 2019**

- (54) **DRILL CHUCK**
- (71) Applicant: **YUKIWA SEIKO INC.**, Ojiya-shi, Niigata (JP)
- (72) Inventors: **Kazuo Sakamaki**, Ojiya (JP); **Koji Sakamaki**, Ojiya (JP); **Tadashi Taniguchi**, Ojiya (JP); **Koichi Nakano**, Ojiya (JP)
- (73) Assignee: **YUKIWA SEIKO INC.**, Niigata (JP)
- (*) Notice: This patent is subject to a terminal disclaimer.
- (**) Term: **15 Years**
- (21) Appl. No.: **29/596,761**
- (22) Filed: **Mar. 10, 2017**
- (51) **LOC (11) Cl.** **08-05**
- (52) **U.S. Cl.**
USPC **D8/70; D15/140**
- (58) **Field of Classification Search**
USPC D8/62, 68-70; D15/138-140
CPC B23B 31/1215; B23B 31/123; B23B 31/1253
See application file for complete search history.

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Primary Examiner — Darlington Ly

(74) *Attorney, Agent, or Firm* — Sughrue Mion, PLLC

(57) **CLAIM**

The ornamental design for a drill chuck, as shown and described.

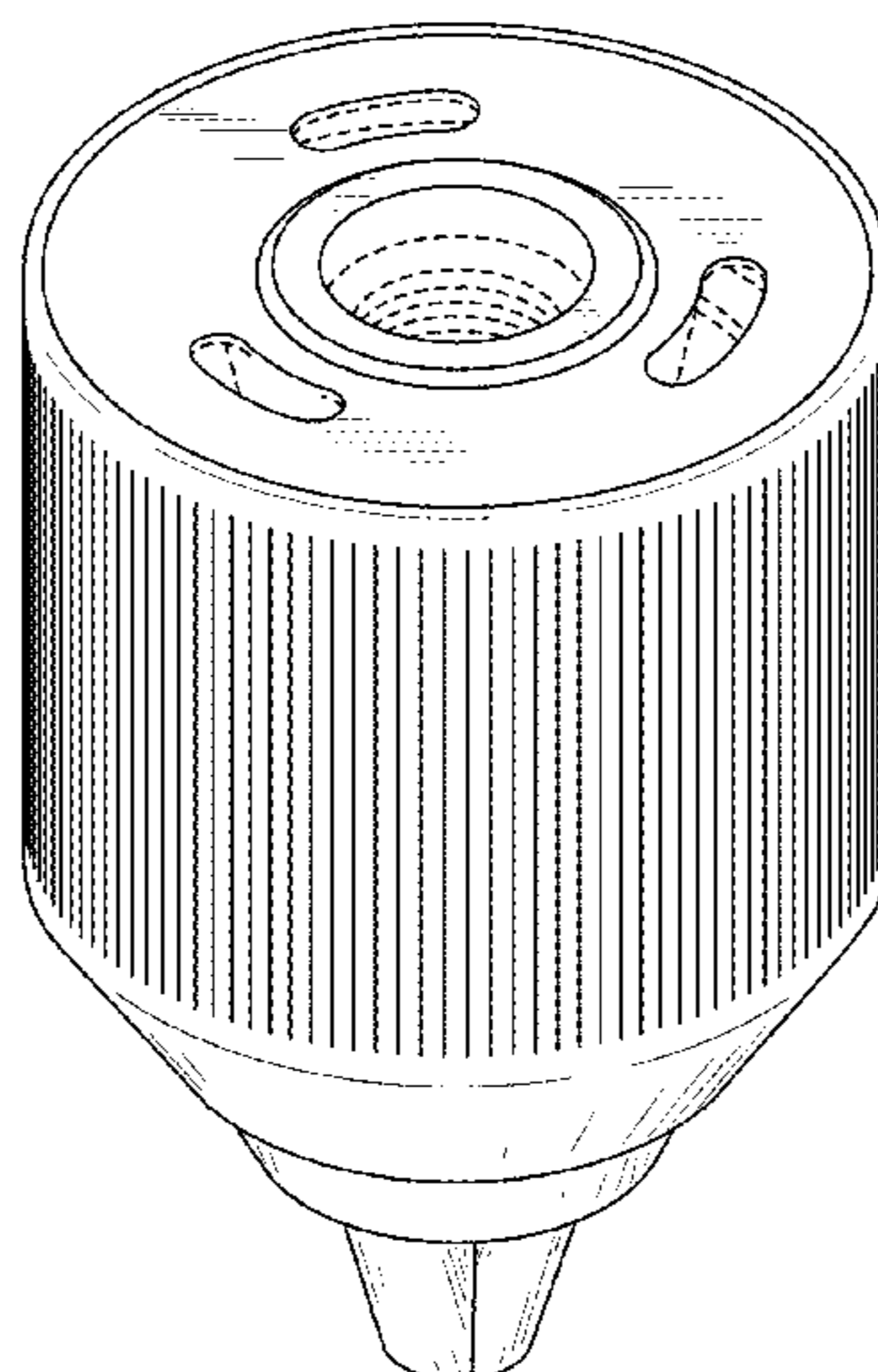
DESCRIPTION

FIG. 1 is a top perspective view of a drill chuck showing our new design;
 FIG. 2 is a front elevation view thereof;
 FIG. 3 is a rear elevation view thereof;
 FIG. 4 is a top plan view thereof;
 FIG. 5 is a bottom plan view thereof;
 FIG. 6 is a right side elevation view thereof;
 FIG. 7 is a cross-sectional view thereof taken along line A-A in FIG. 4;
 FIG. 8 is an enlarged sectional view thereof taken along line C-C in FIG. 2 of portion B-B in FIG. 4; and,
 FIG. 9 is an enlarged cross-sectional view thereof taken along line A-A in FIG. 4 that shows a length and depth of the grooves shown in FIGS. 1-3, 6, and 8.

1 Claim, 9 Drawing Sheets

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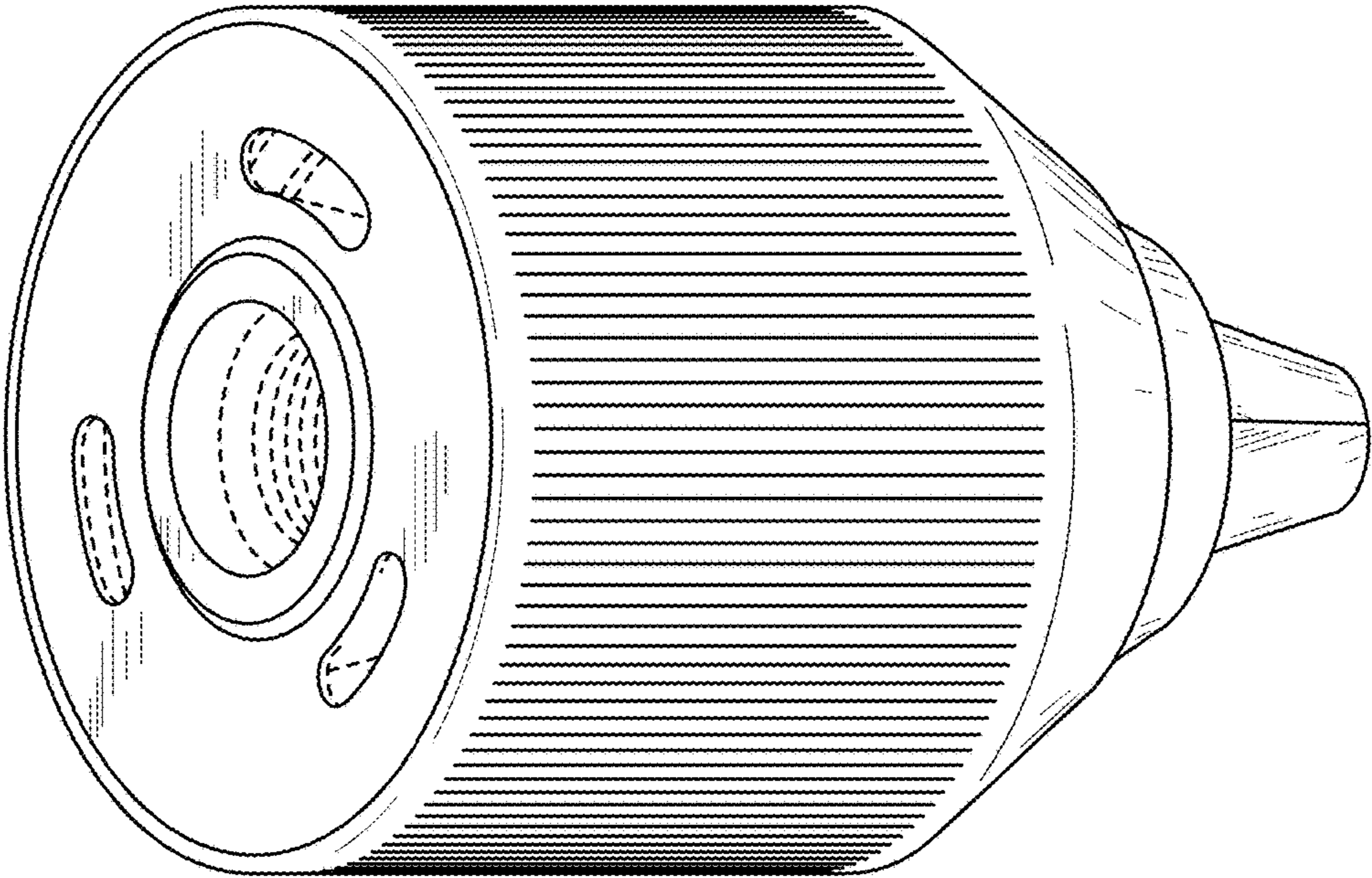
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FIG. 1



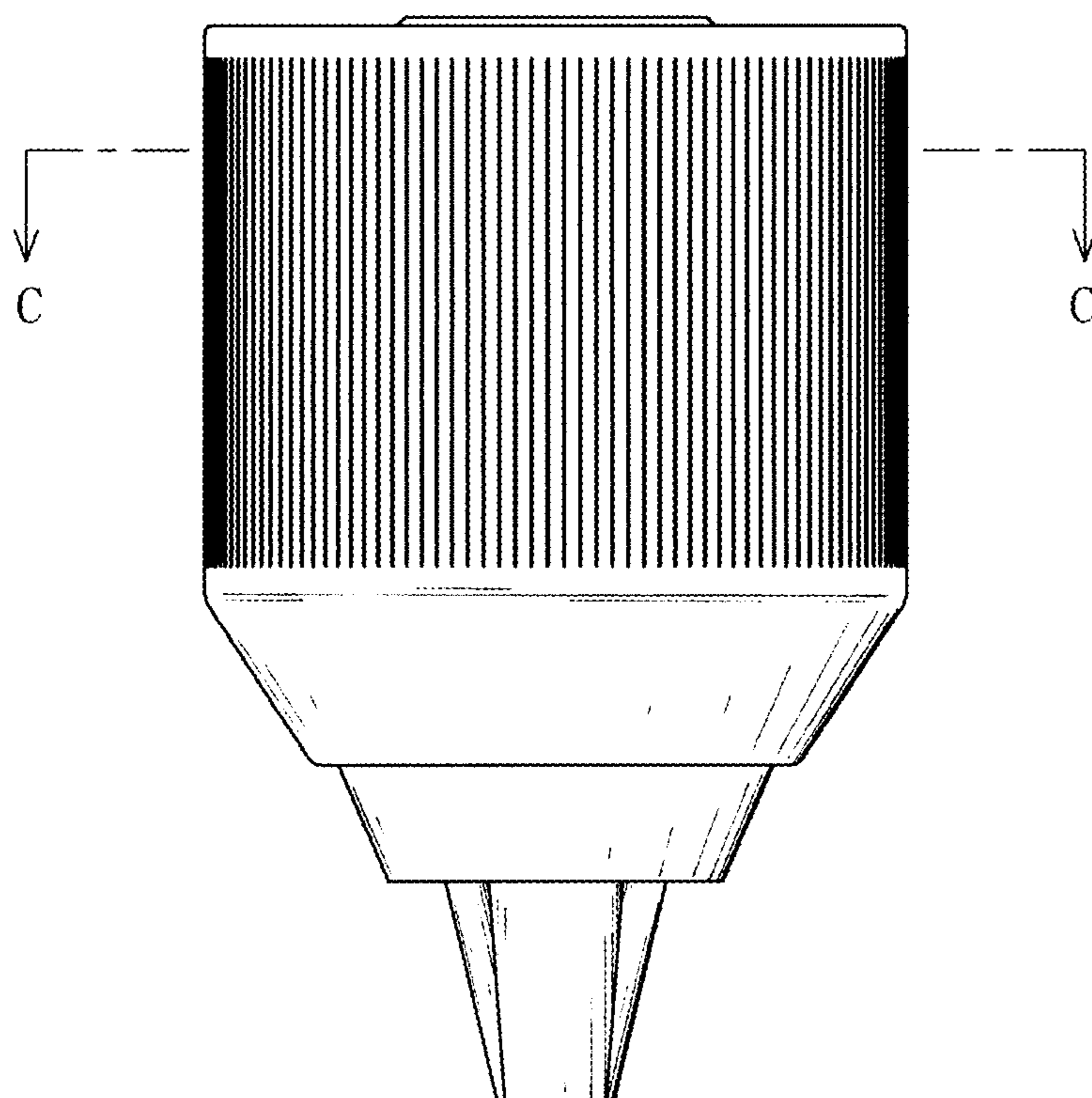


FIG. 2

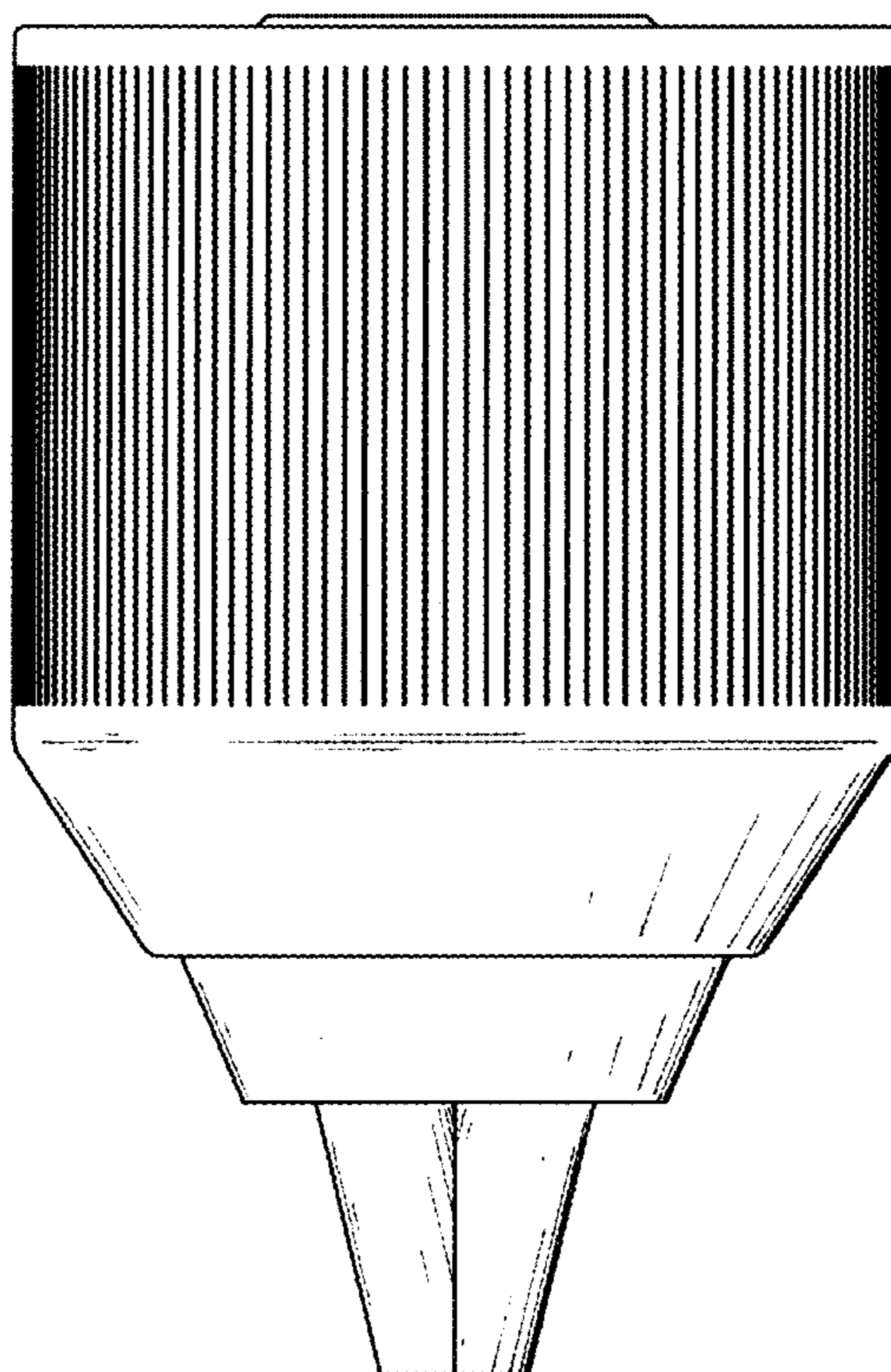


FIG. 3

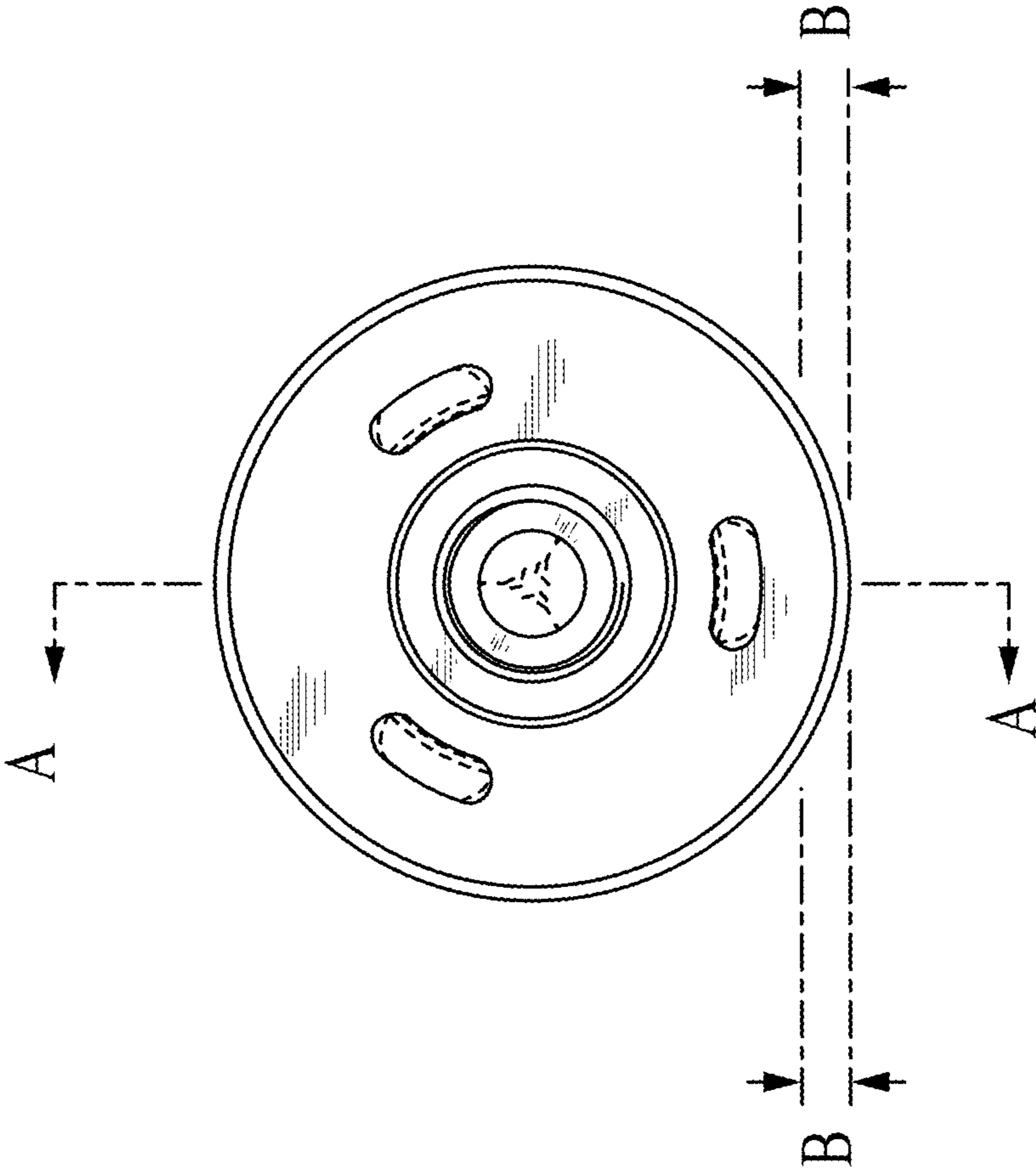


FIG. 4

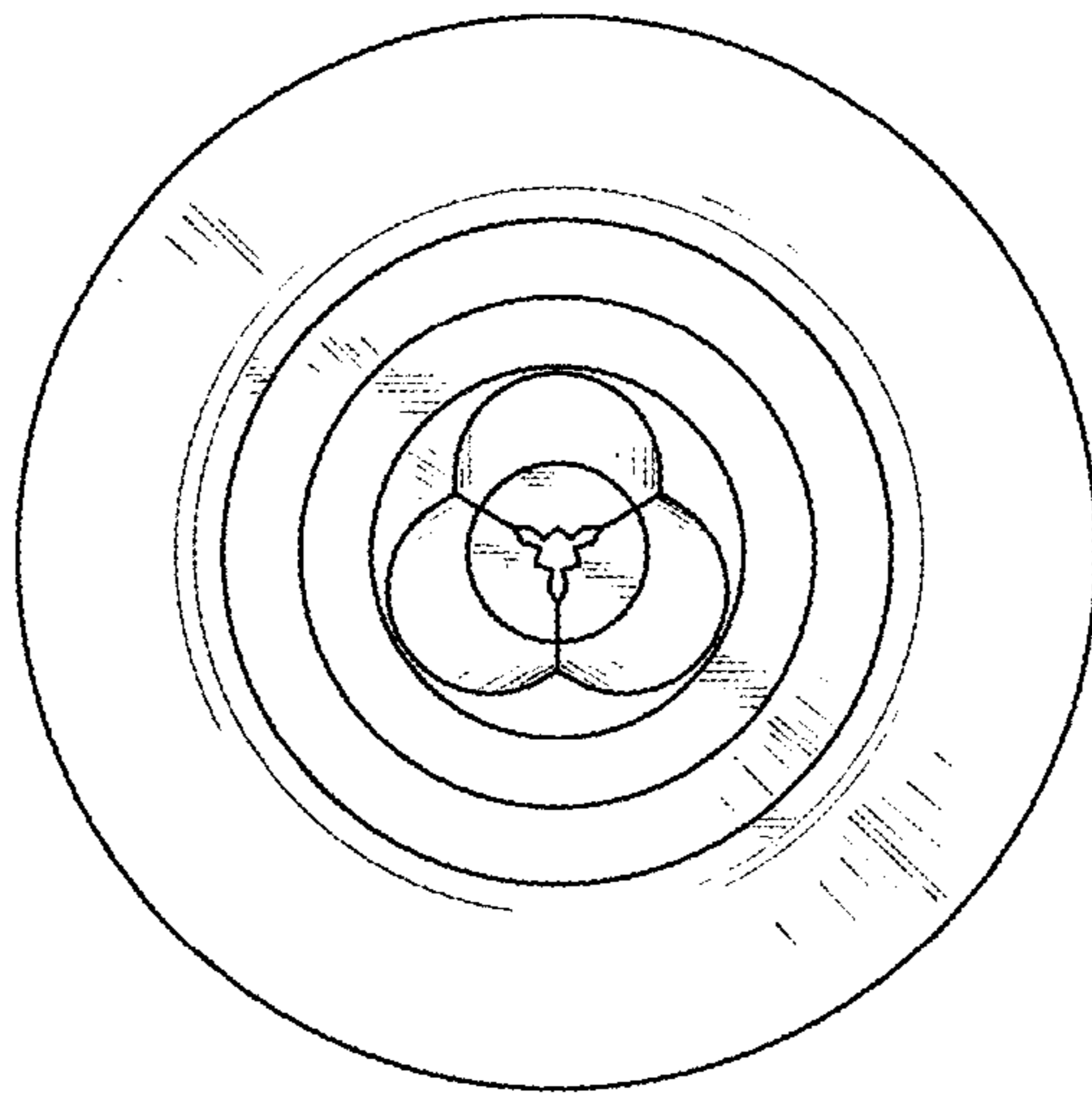


FIG. 5

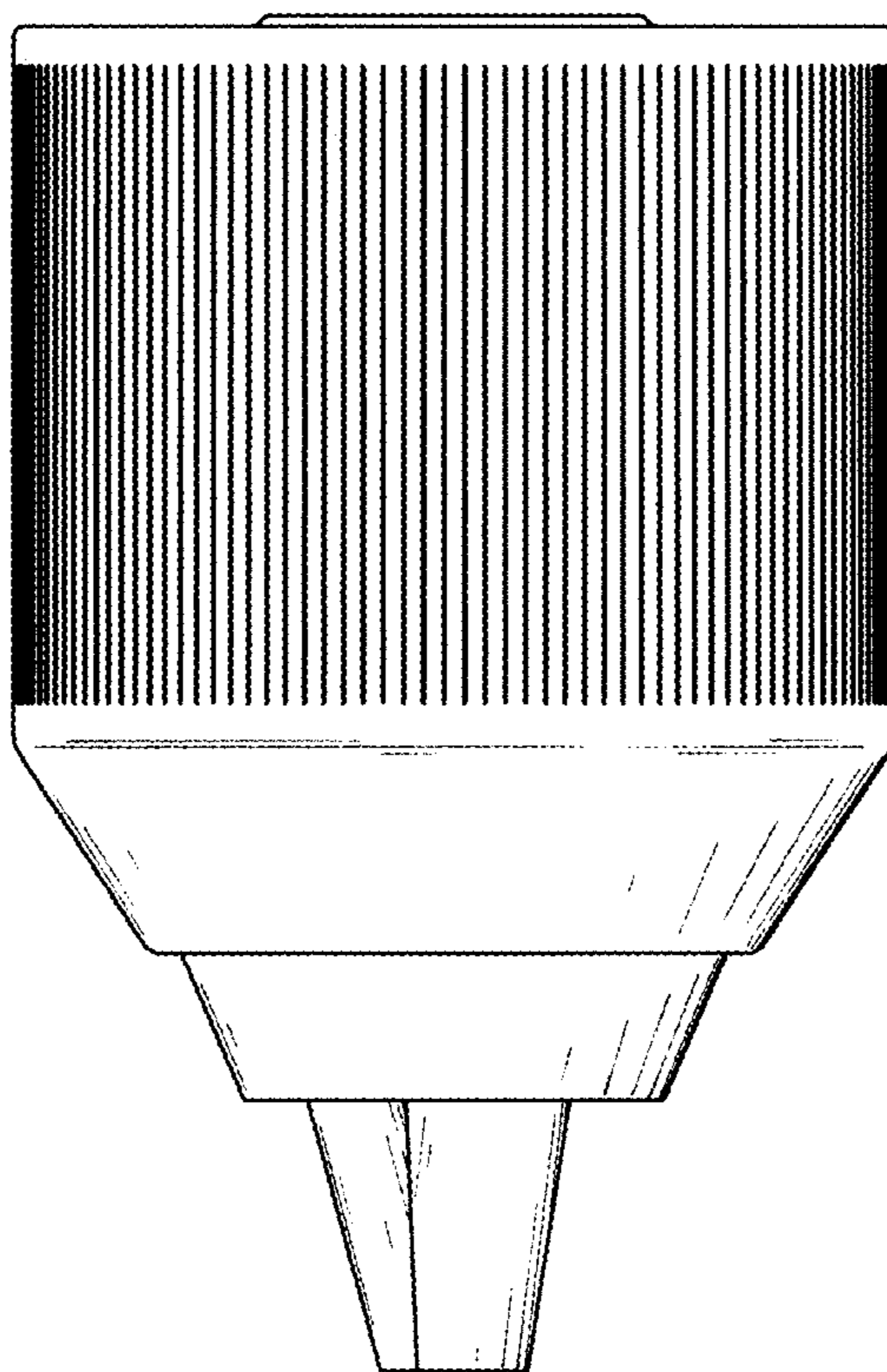
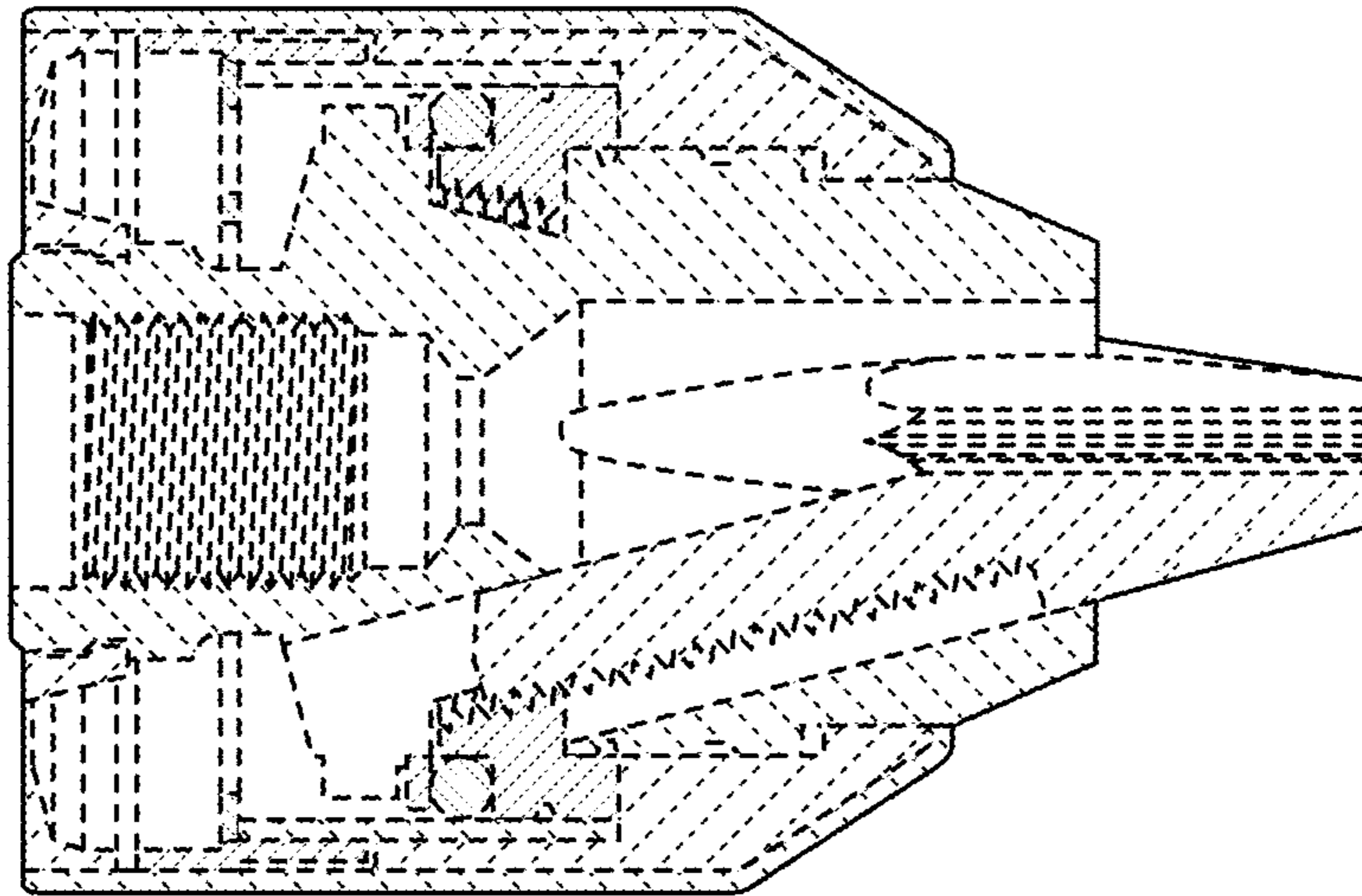


FIG. 6

FIG. 7



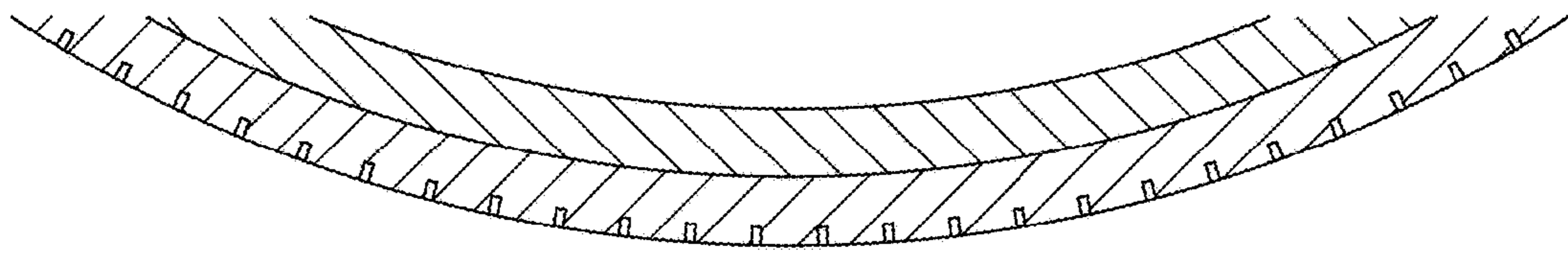


FIG. 8

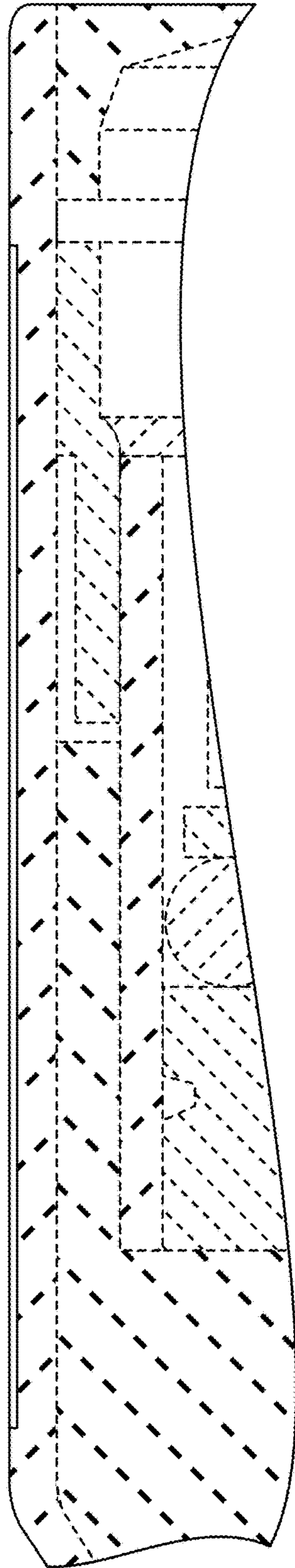


FIG. 9