



US00D776730S

(12) **United States Design Patent**
Yamaguchi et al.(10) **Patent No.:** US D776,730 S
(45) **Date of Patent:** ** Jan. 17, 2017(54) **PLASMA TORCH CARTRIDGE**(71) Applicants: **KOMATSU LTD.**, Tokyo (JP);
KOMATSU INDUSTRIES CORP.,
Kanazawa-shi, Ishikawa (JP)(72) Inventors: **Yoshihiro Yamaguchi**, Nomi (JP);
Keita Kondo, Nomi (JP); **Shigeo Morimoto**, Hiratsuka (JP); **Katsuo Saio**, Hiratsuka (JP)(73) Assignees: **KOMATSU LTD.**, Tokyo (JP);
KOMATSU INDUSTRIES CORP.,
Kanazawa-shi, Ishikawa (JP)(**) Term: **15 Years**(21) Appl. No.: **29/534,278**(22) Filed: **Jul. 28, 2015**(30) **Foreign Application Priority Data**

Jan. 30, 2015 (JP) 2015-001794

(51) LOC (10) Cl. **15-09**

(52) U.S. Cl.

USPC **D15/144**(58) **Field of Classification Search**USPC D8/14, 14.1, 29.1, 30; D15/122, 144,
D15/144.1, 144.2; 219/75, 121.5, 121.45,
219/121.48, 1, 121.51; 313/231.41

See application file for complete search history.

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Primary Examiner — Patricia Palasik

(74) Attorney, Agent, or Firm — Fox Rothschild LLP

(57) **CLAIM**

The ornamental design for a plasma torch cartridge, as shown and described.

DESCRIPTION

FIG. 1 is a front perspective view of a plasma torch cartridge showing our new design;

FIG. 2 is a rear perspective view thereof;

FIG. 3 is a front view thereof;

FIG. 4 is a rear view thereof;

FIG. 5 is a top plan view thereof;

FIG. 6 is a bottom plan view thereof;

FIG. 7 is a right side view thereof;

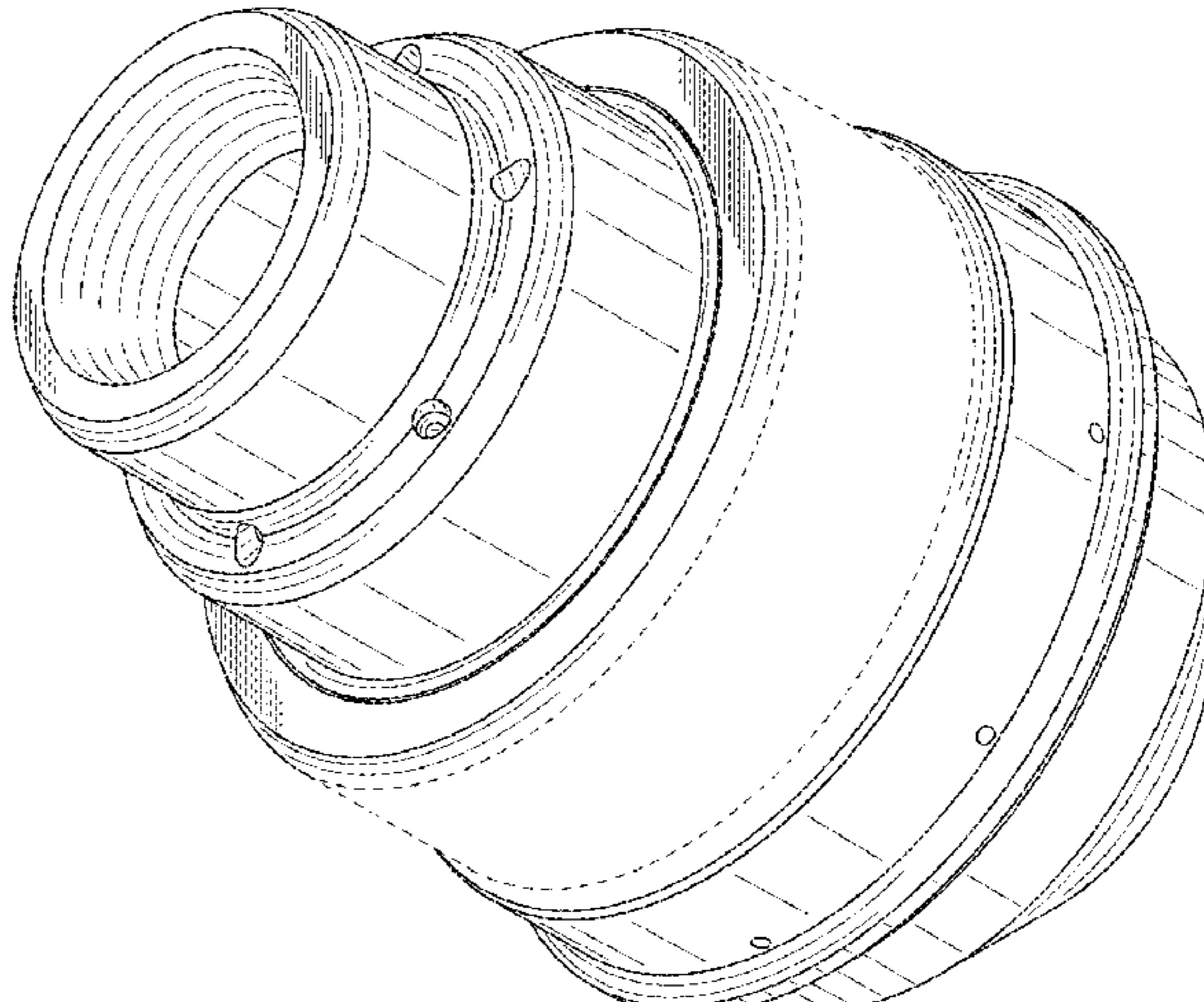
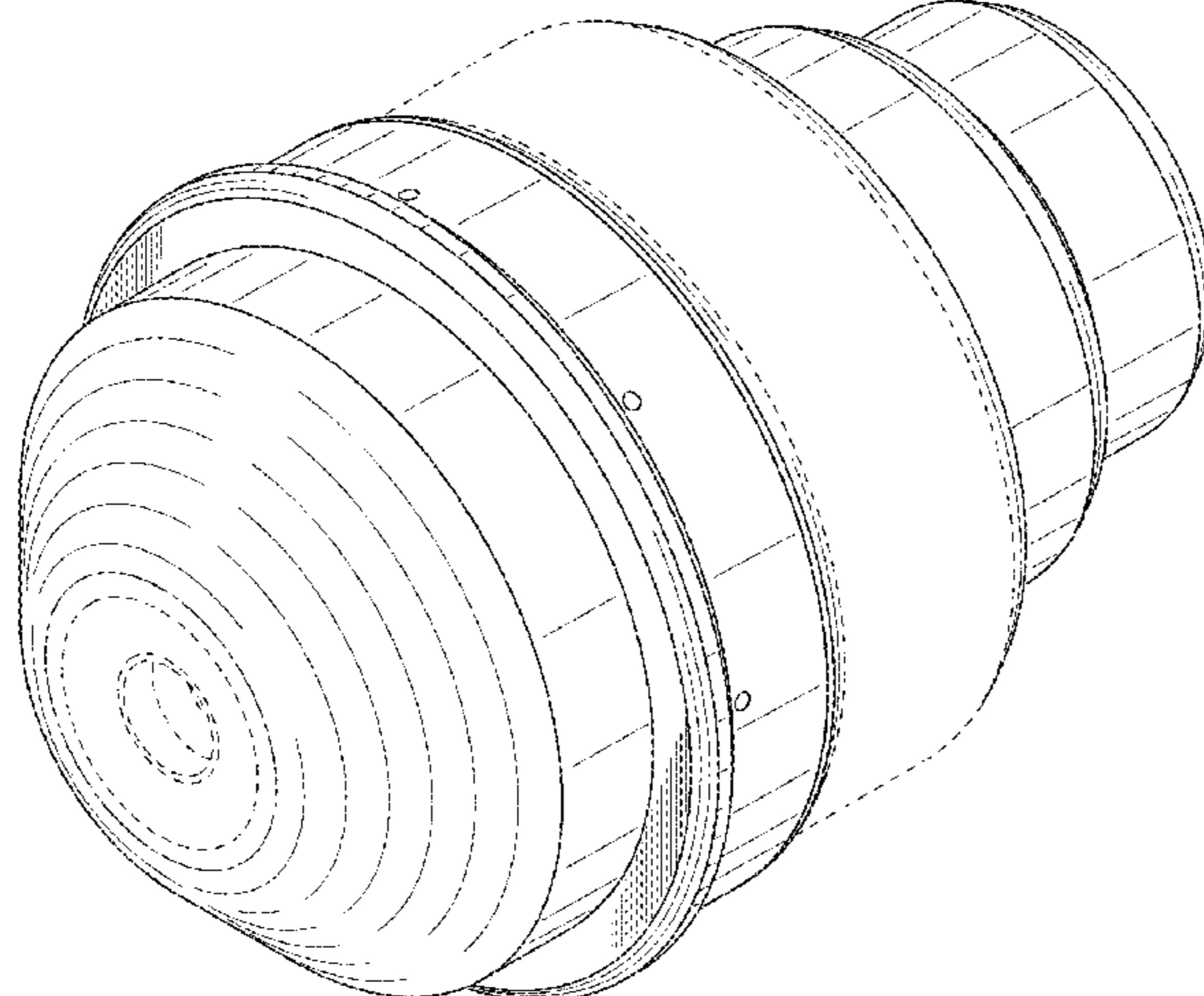
FIG. 8 is a left side view thereof;

FIG. 9 is a cross-sectional view taken along line 9-9 in FIG. 3;

FIG. 10 is a cross-sectional view taken along line 10-10 in FIG. 7; and,

FIG. 11 is a cross-sectional view showing the article installed in a plasma torch.

The features shown in even-length broken lines in the drawings depict environmental subject matter only and form no part of the claimed design. The dot-dashed lines shown in FIGS. 1 and 8 denote the boundary of the claim and form no part of the claimed design.

1 Claim, 11 Drawing Sheets

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FIG. 1

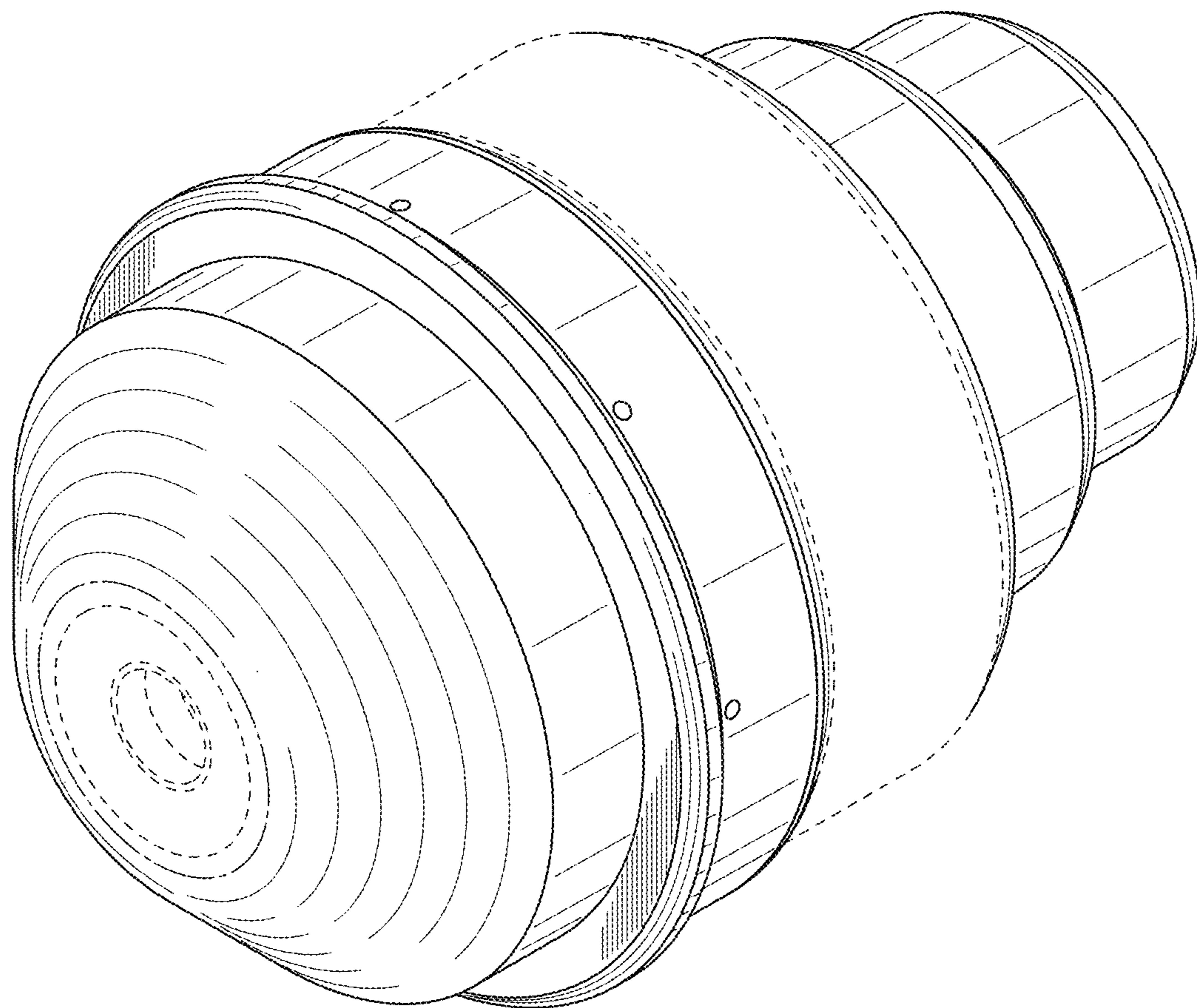


FIG. 2

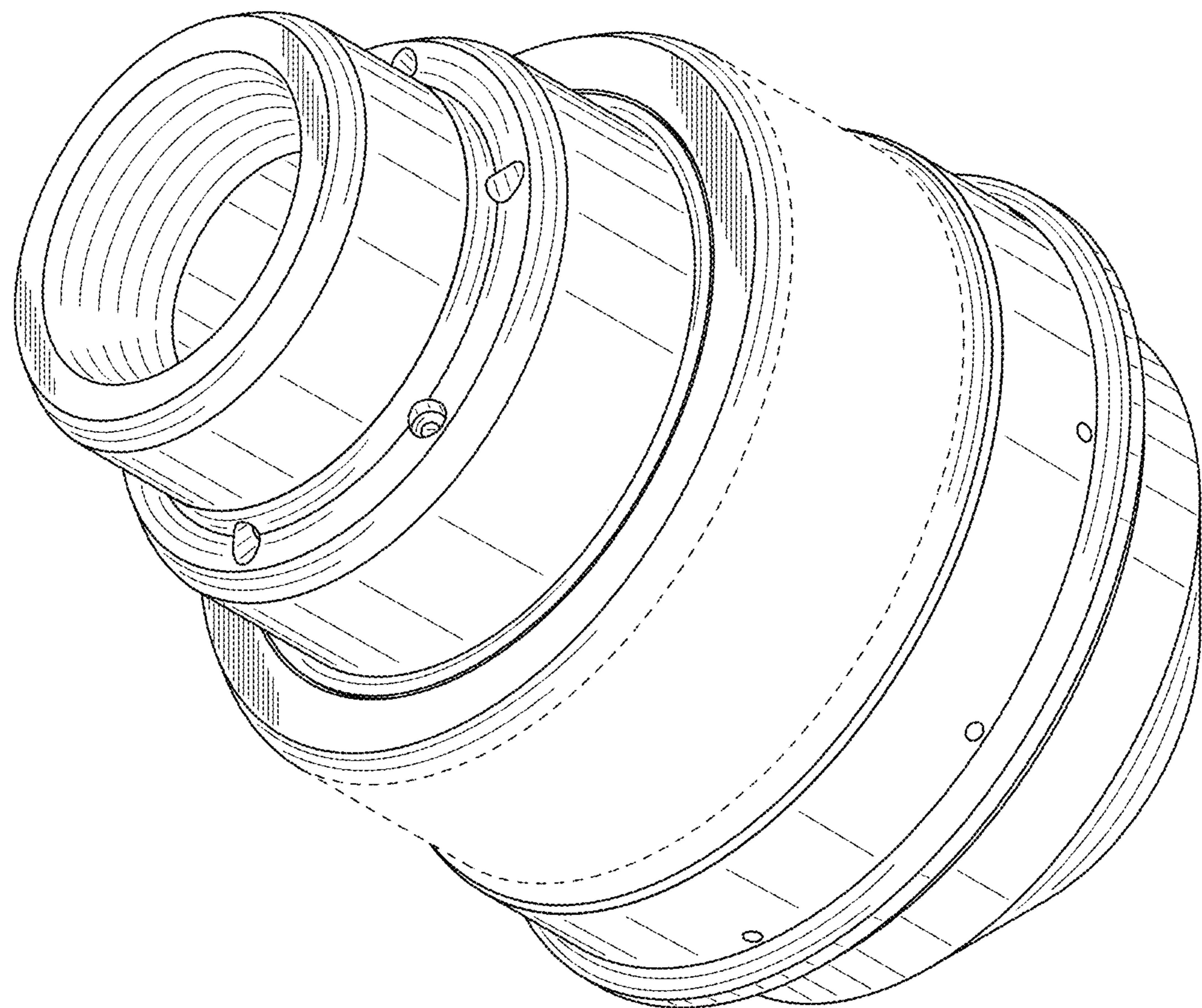


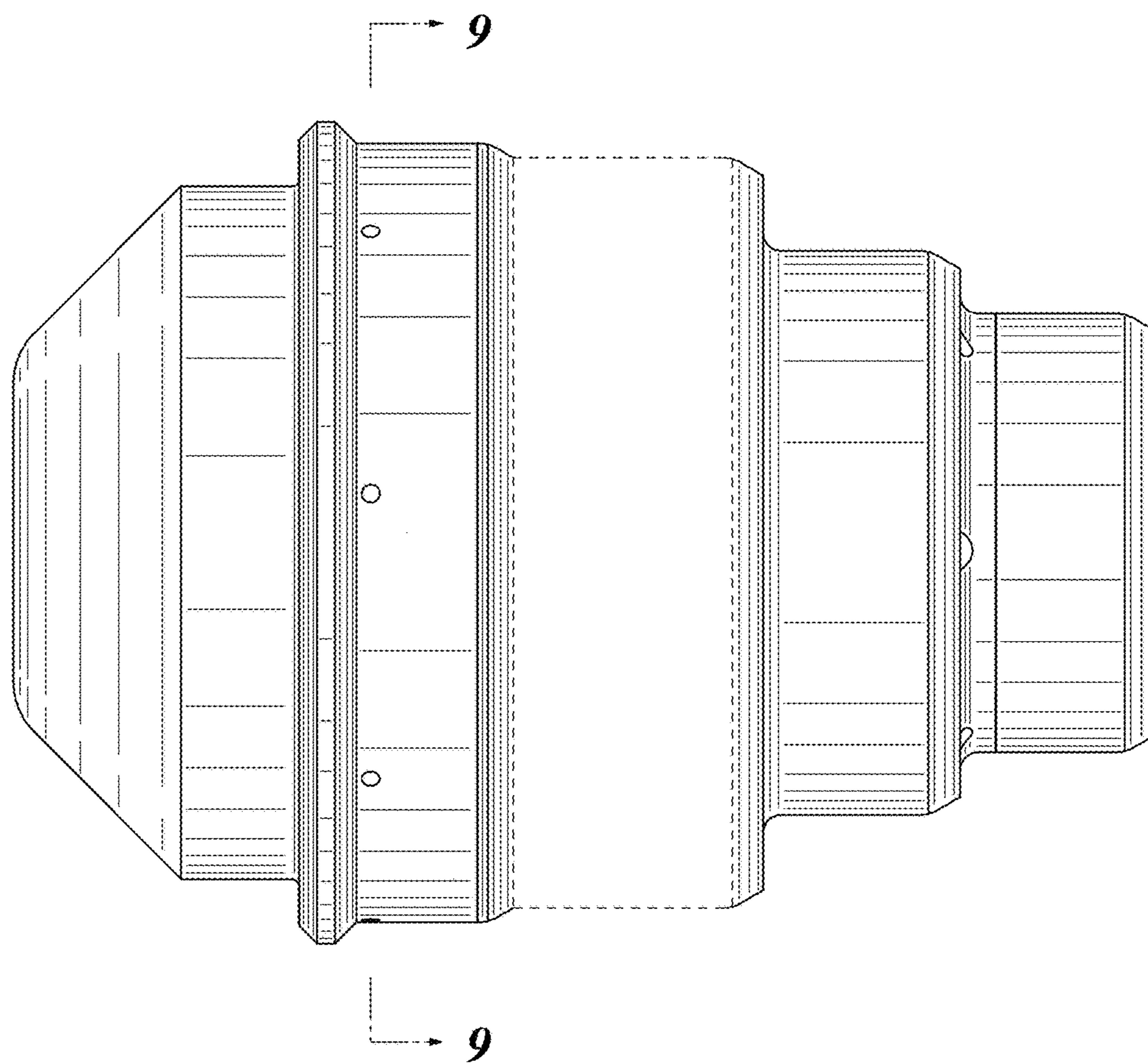
FIG. 3

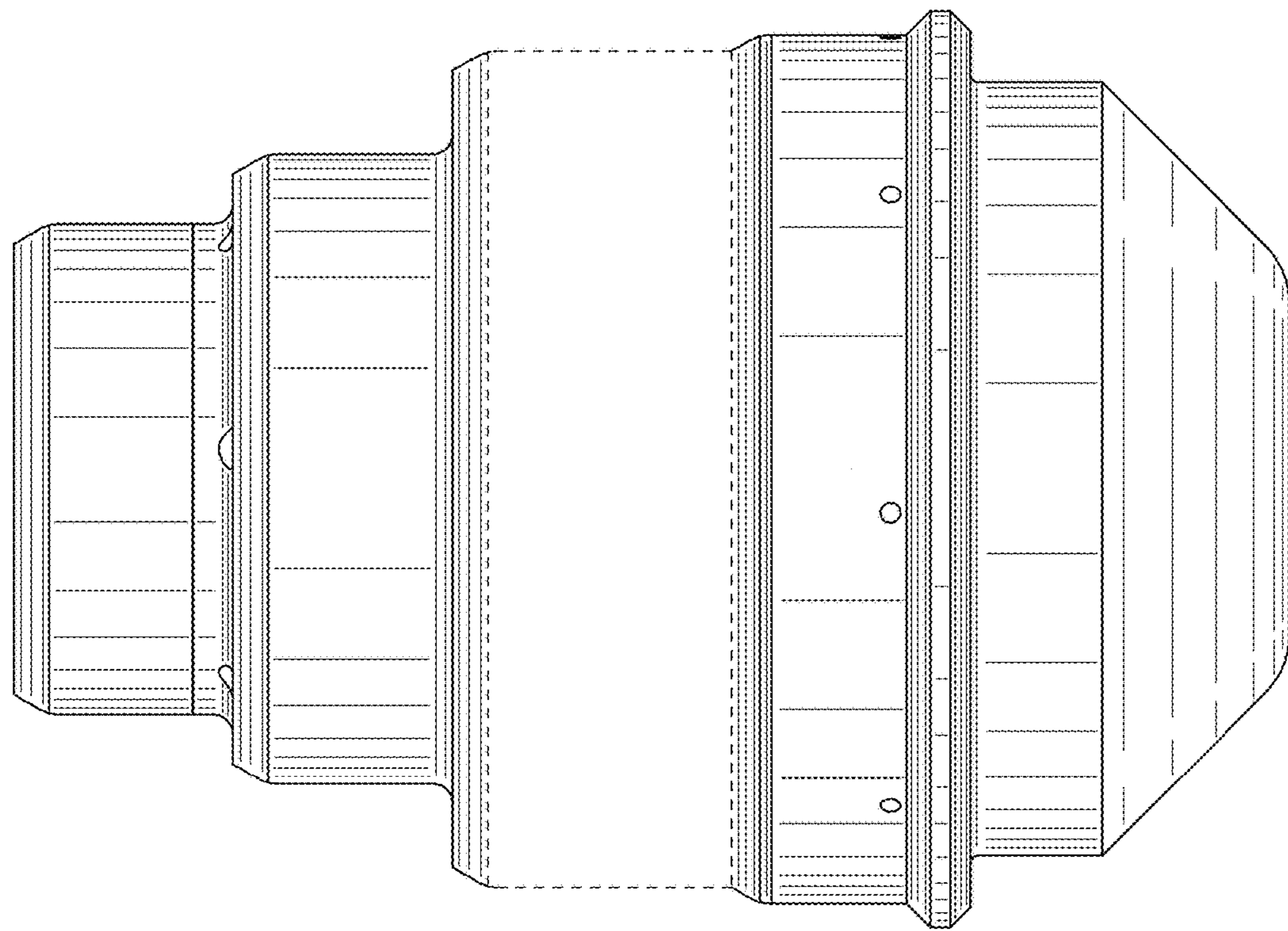
FIG. 4

FIG. 5

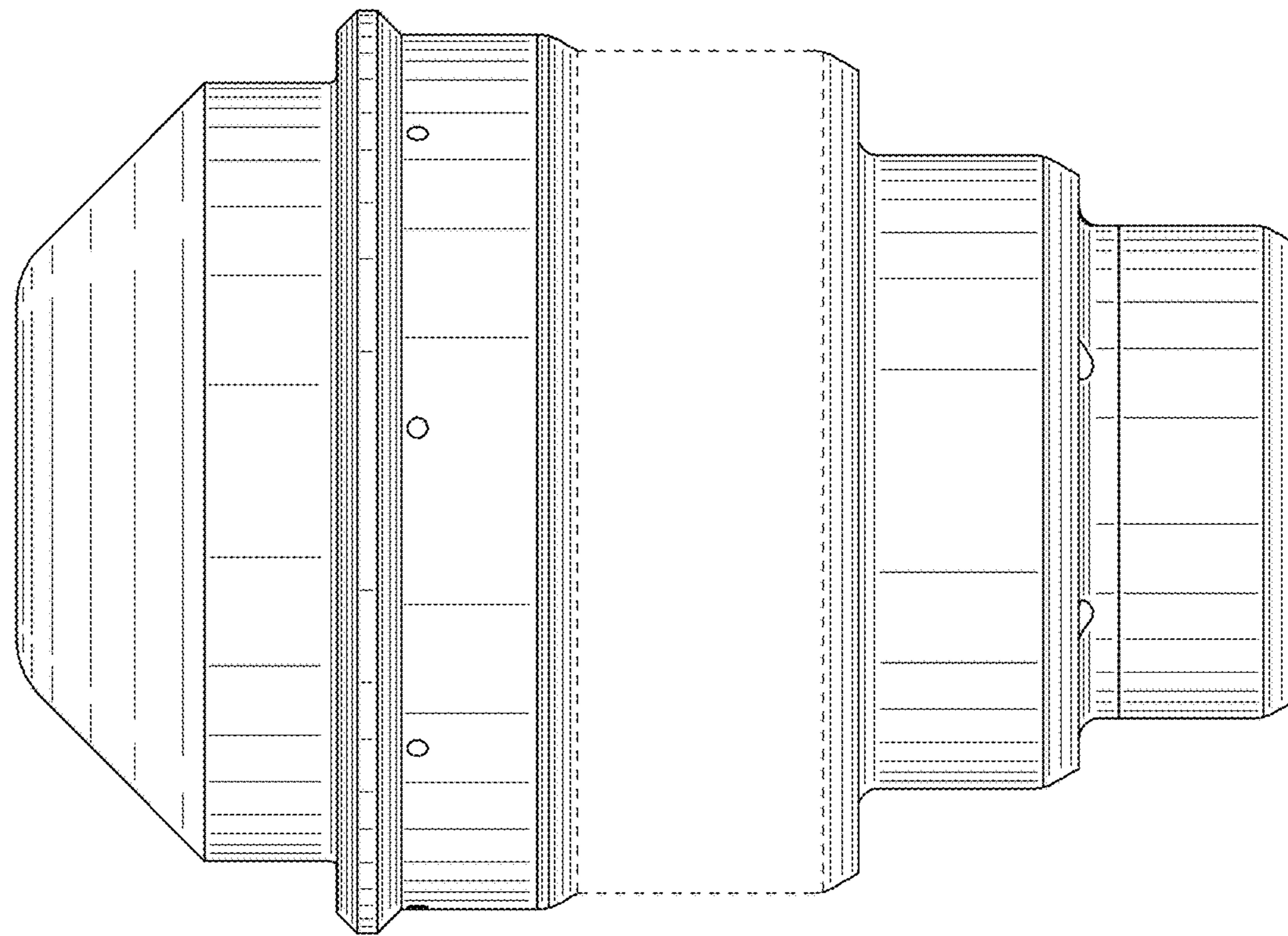


FIG. 6

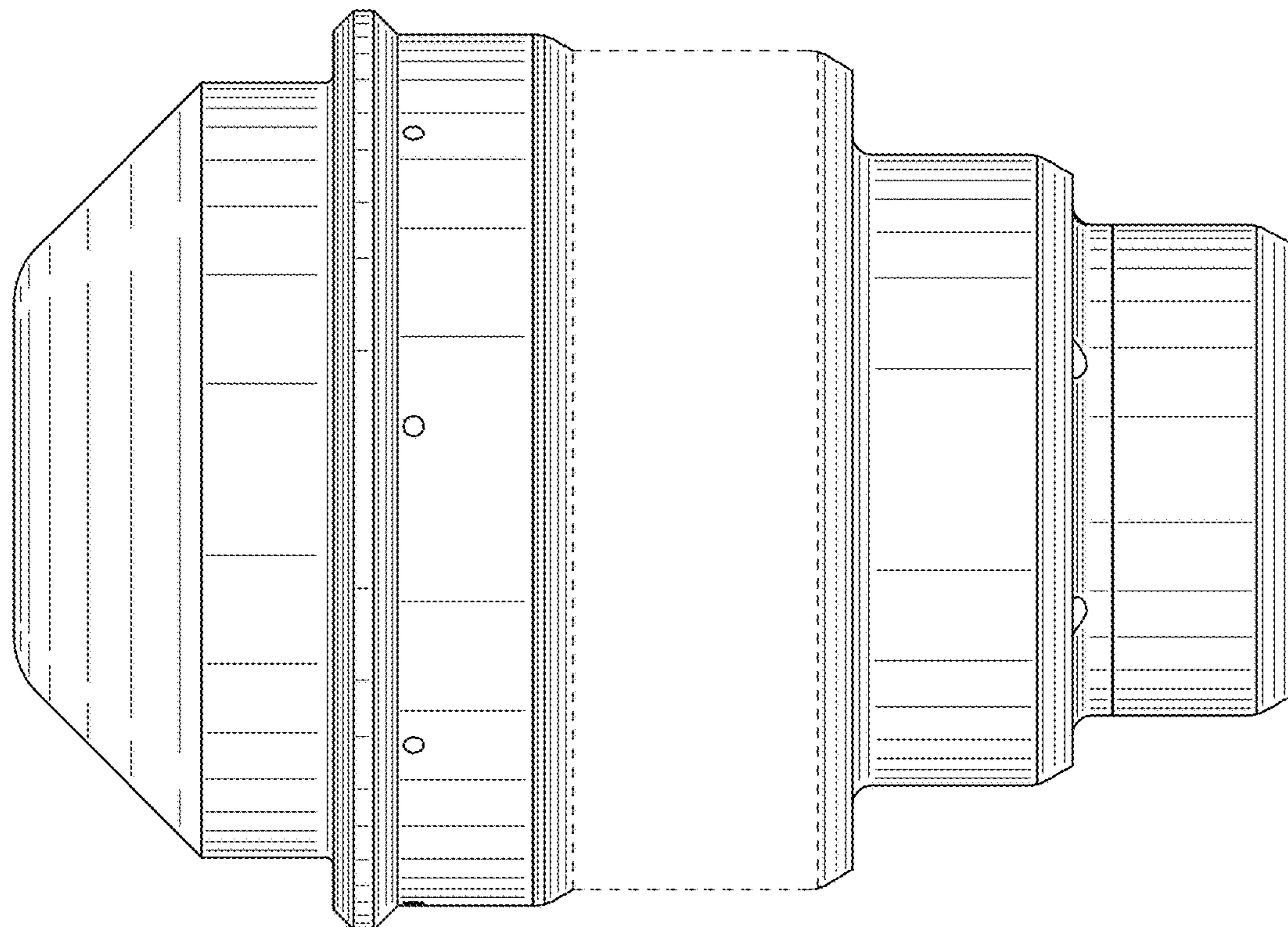


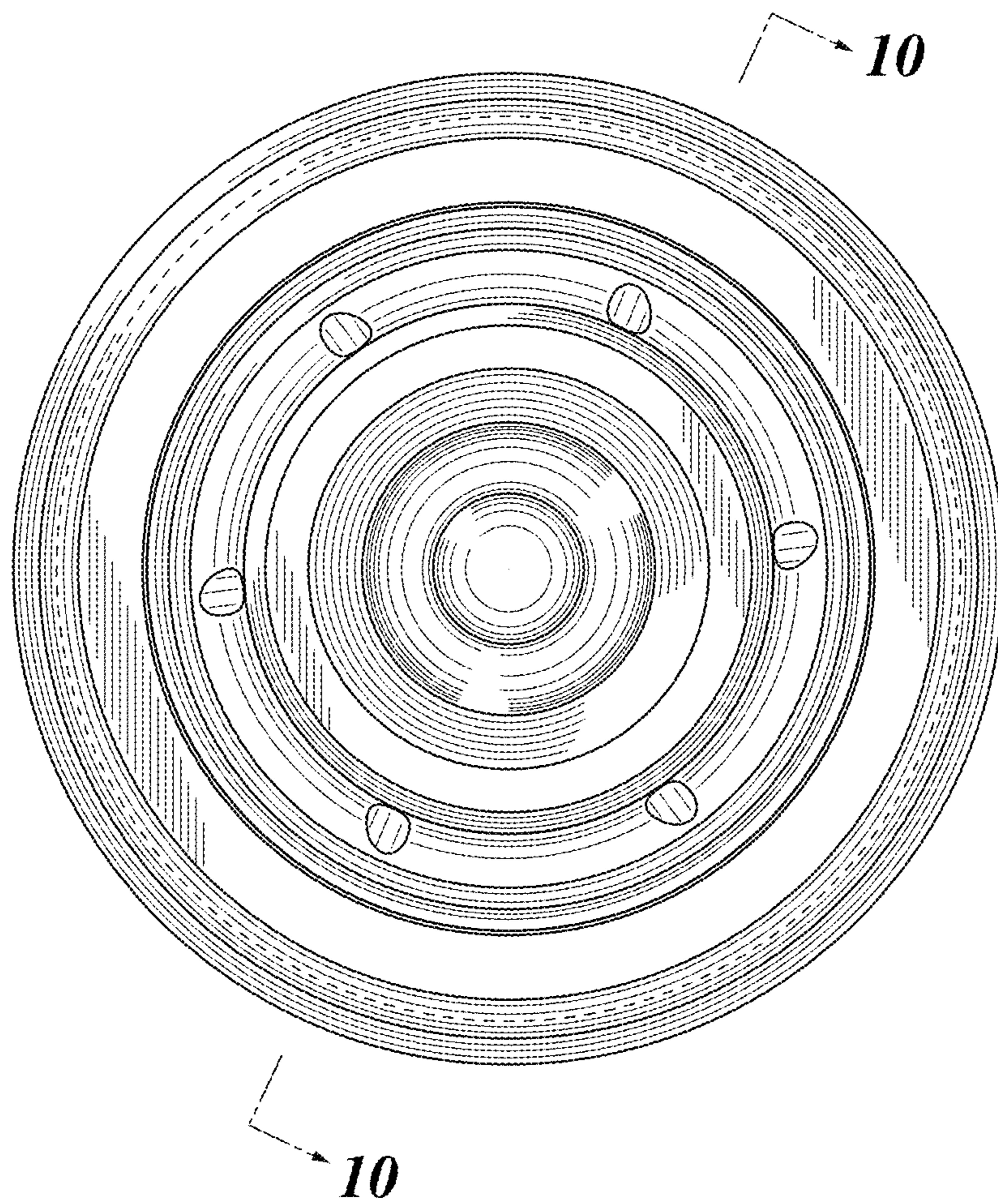
FIG. 7

FIG. 8

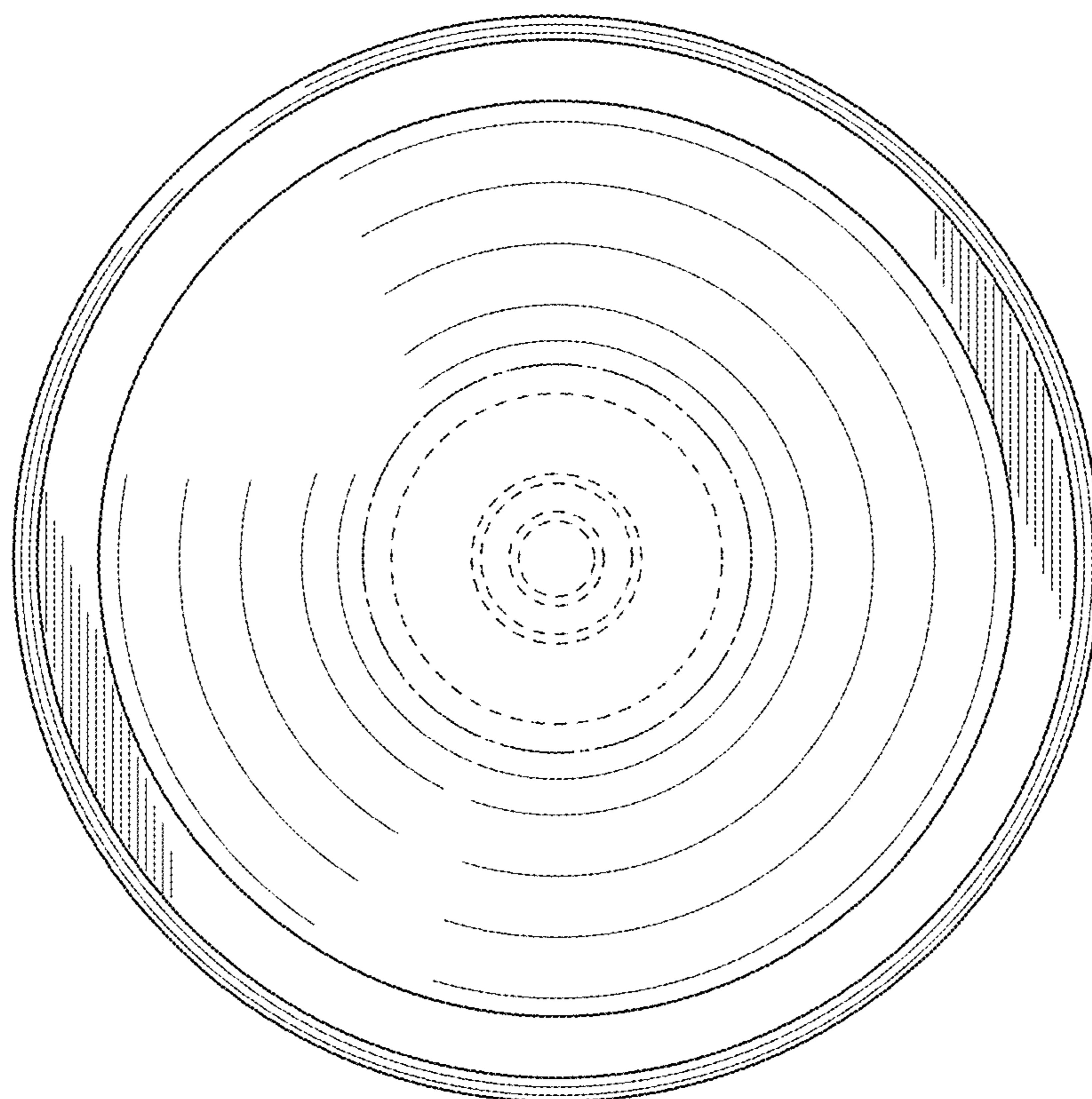


FIG. 9

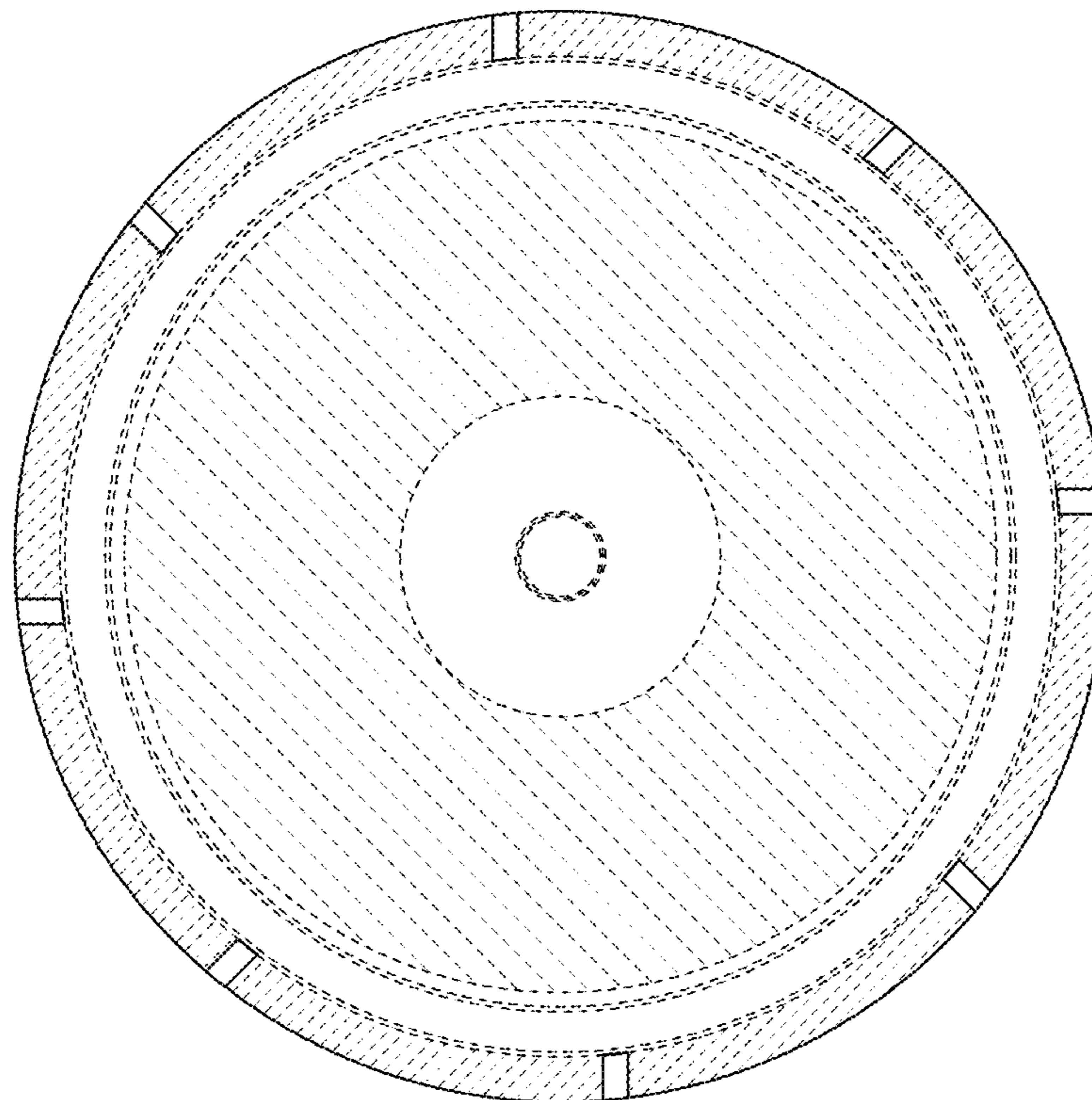


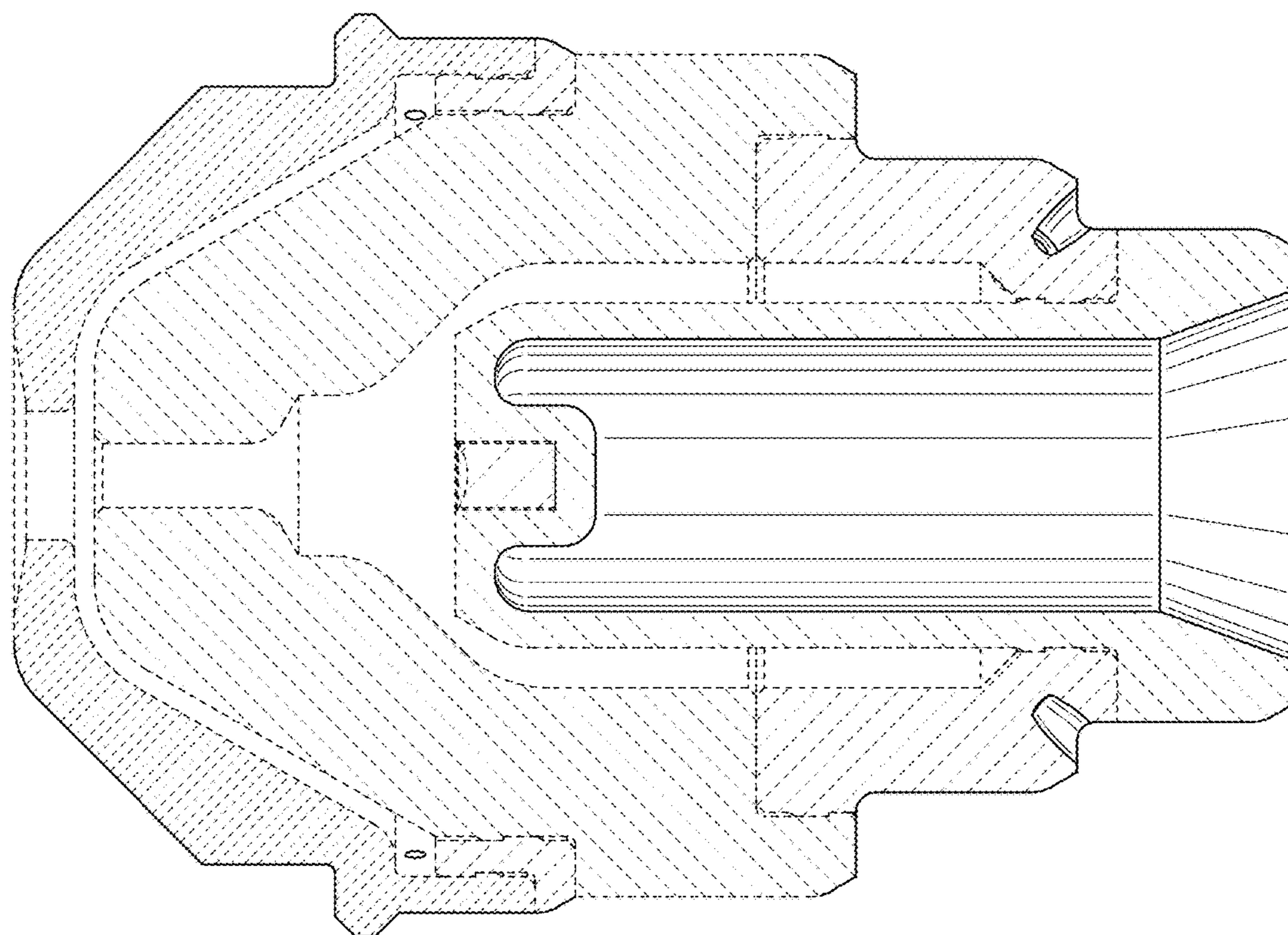
FIG. 10

FIG. 11

