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(12) **United States Design Patent** (10) **Patent No.:** **US D859,969 S**  
**Yu** (45) **Date of Patent:** **\*\* Sep. 17, 2019**

(54) **BALL PIN**  
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(52) **U.S. Cl.**  
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(58) **Field of Classification Search**  
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D24/112, 127, 128, 130; D21/698, 781,  
D21/788; D15/7  
CPC ... A63B 41/12; A63B 39/04; B29L 2031/759;  
B29L 2031/7544; Y10T 137/3584  
See application file for complete search history.

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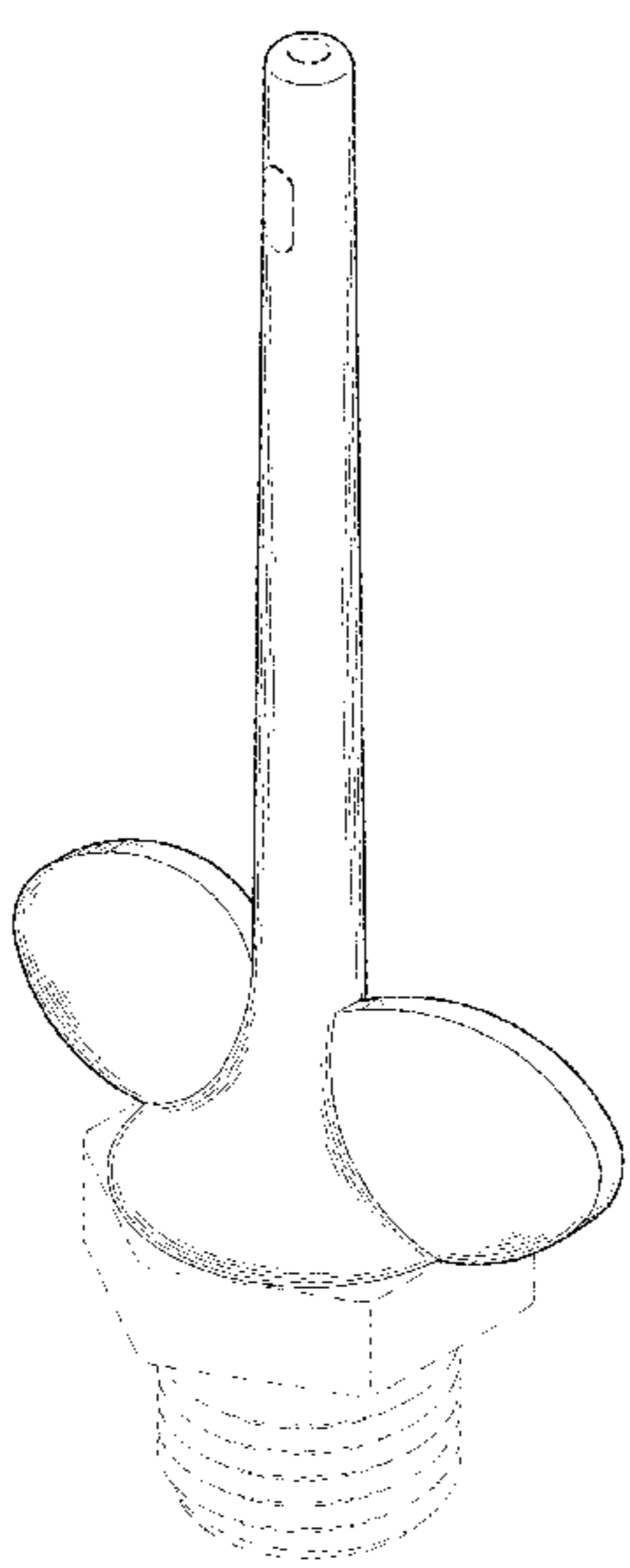
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*Assistant Examiner* — Ieisha N Price

(57) **CLAIM**  
The ornamental design for a ball pin, as shown and described.

**DESCRIPTION**  
FIG. 1 is a perspective view of a ball pin according to my 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; and,  
FIG. 7 is a bottom plan view thereof.  
The portions of the drawings appearing in broken lines show portions of a ball pin that forms no part of the claimed.

**1 Claim, 6 Drawing Sheets**



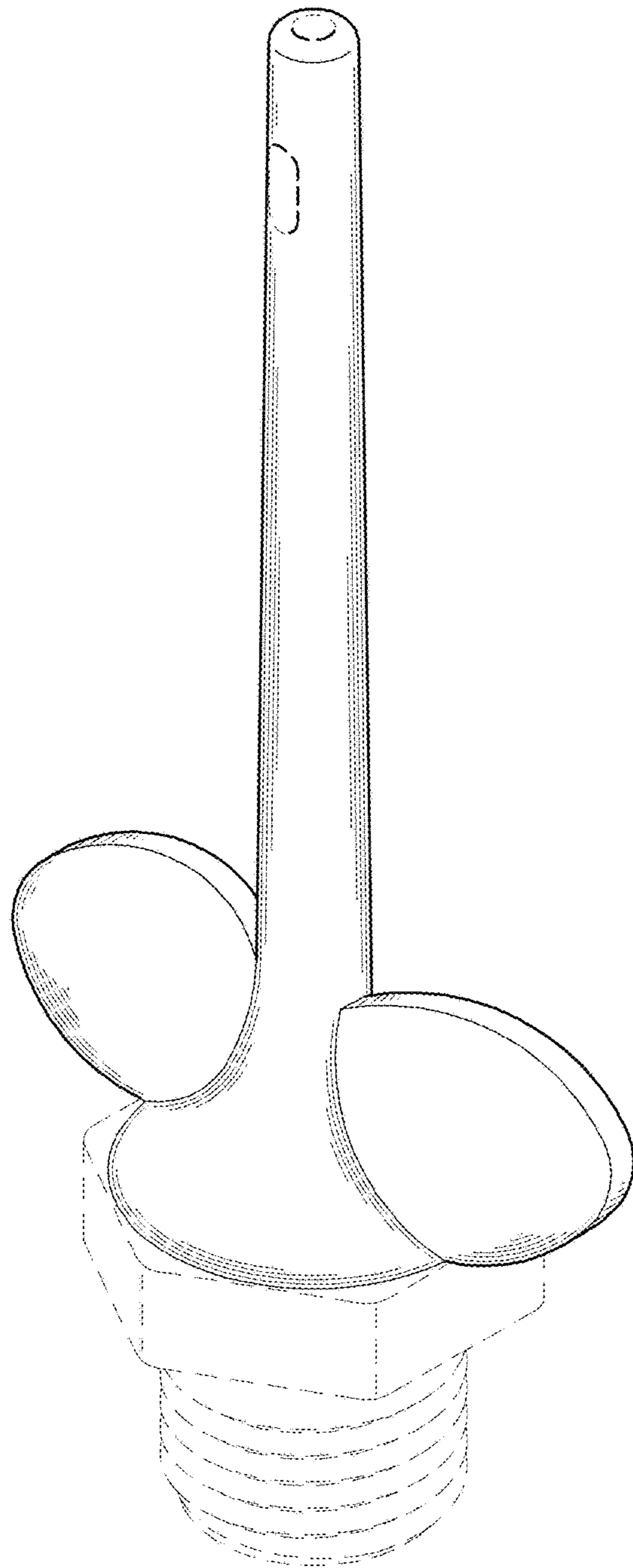


FIG. 1

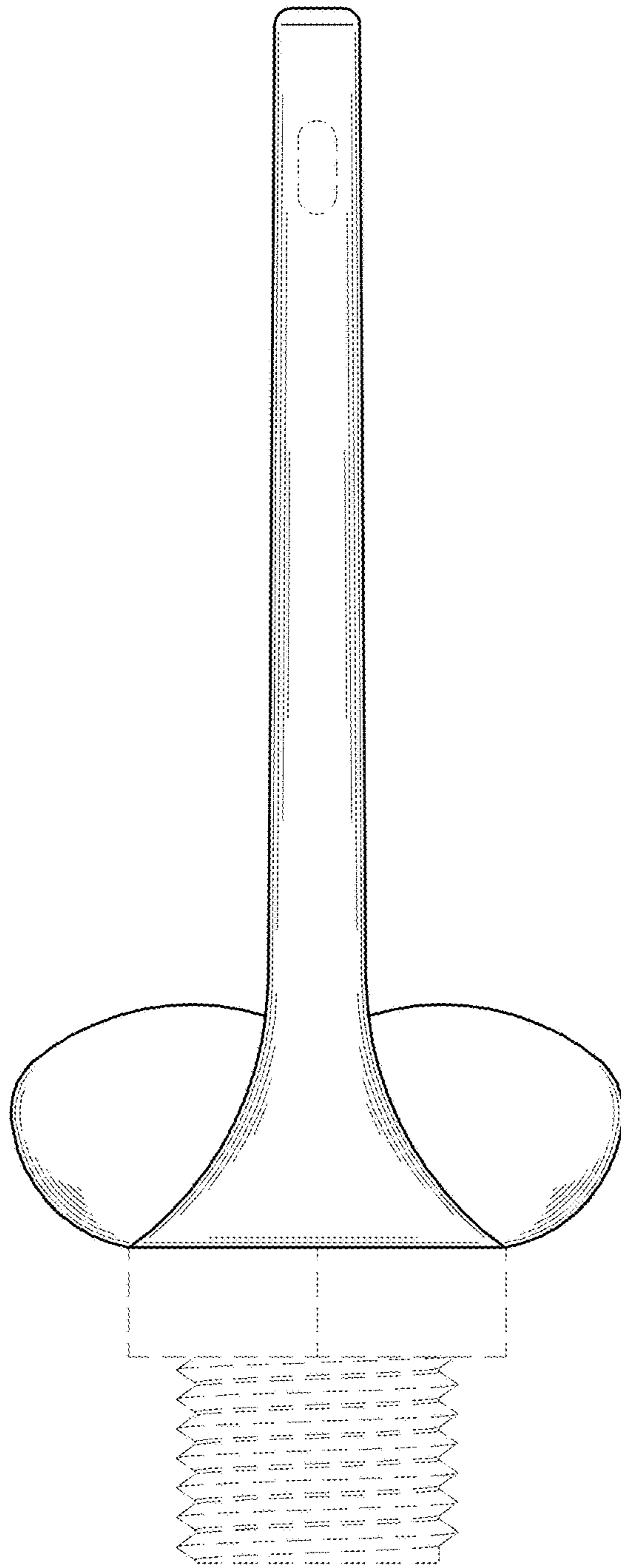


FIG.2

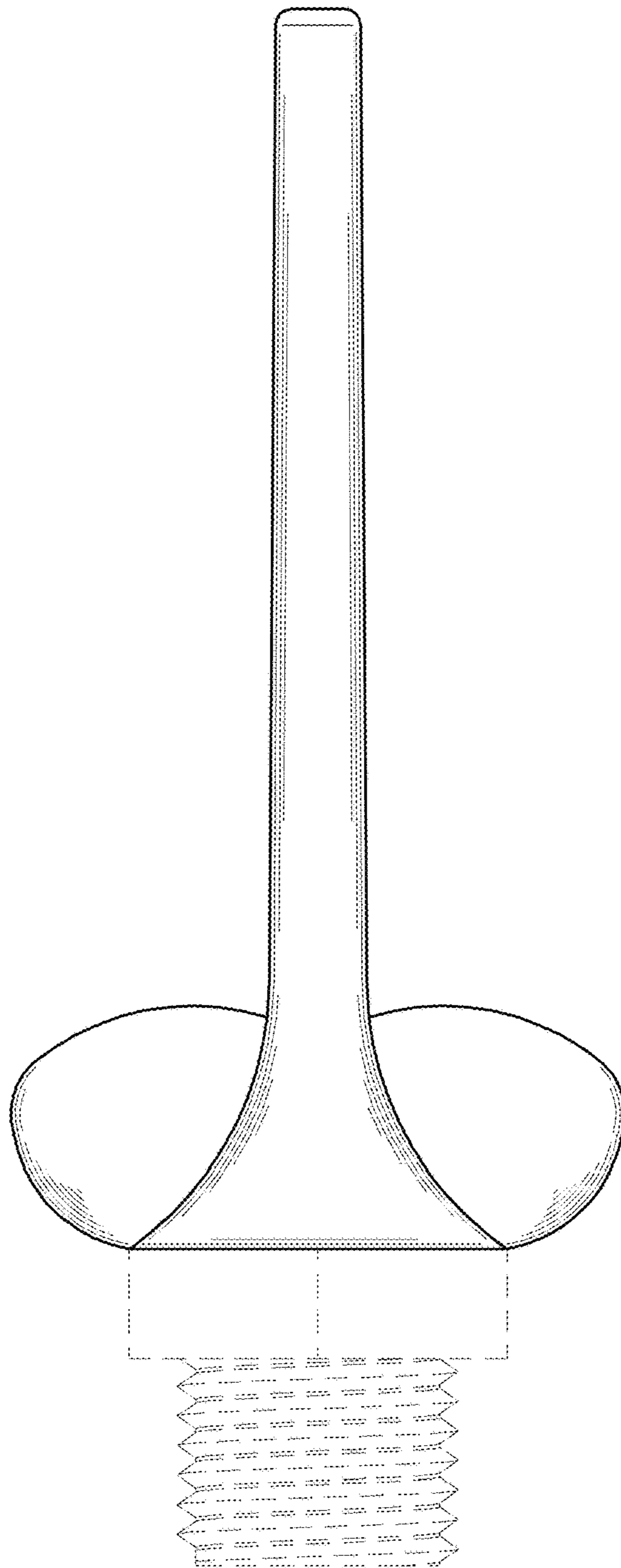


FIG.3

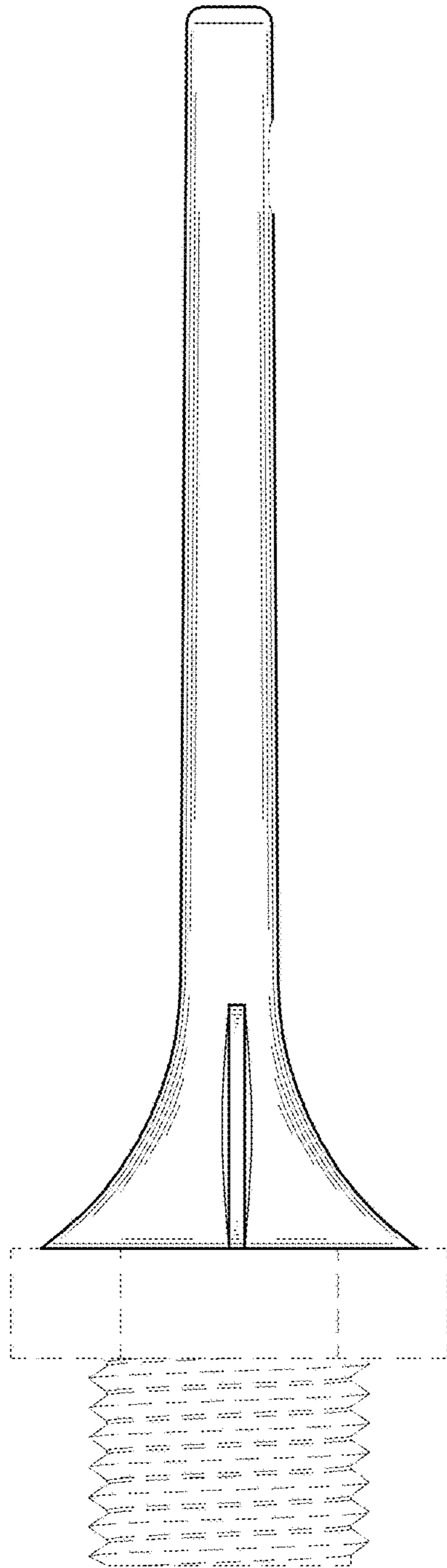


FIG.4

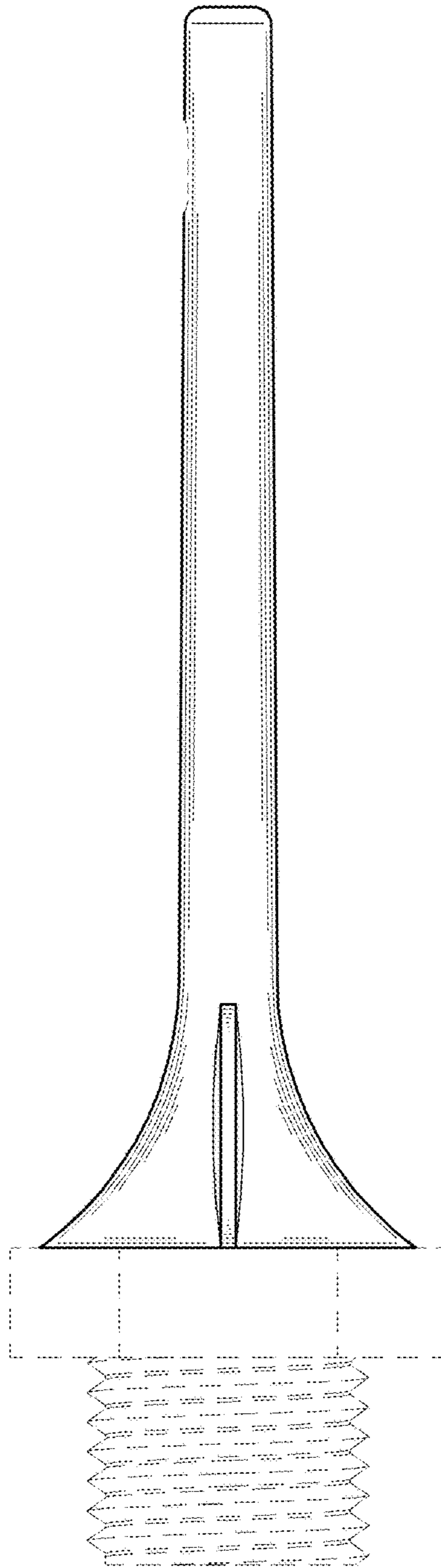


FIG.5



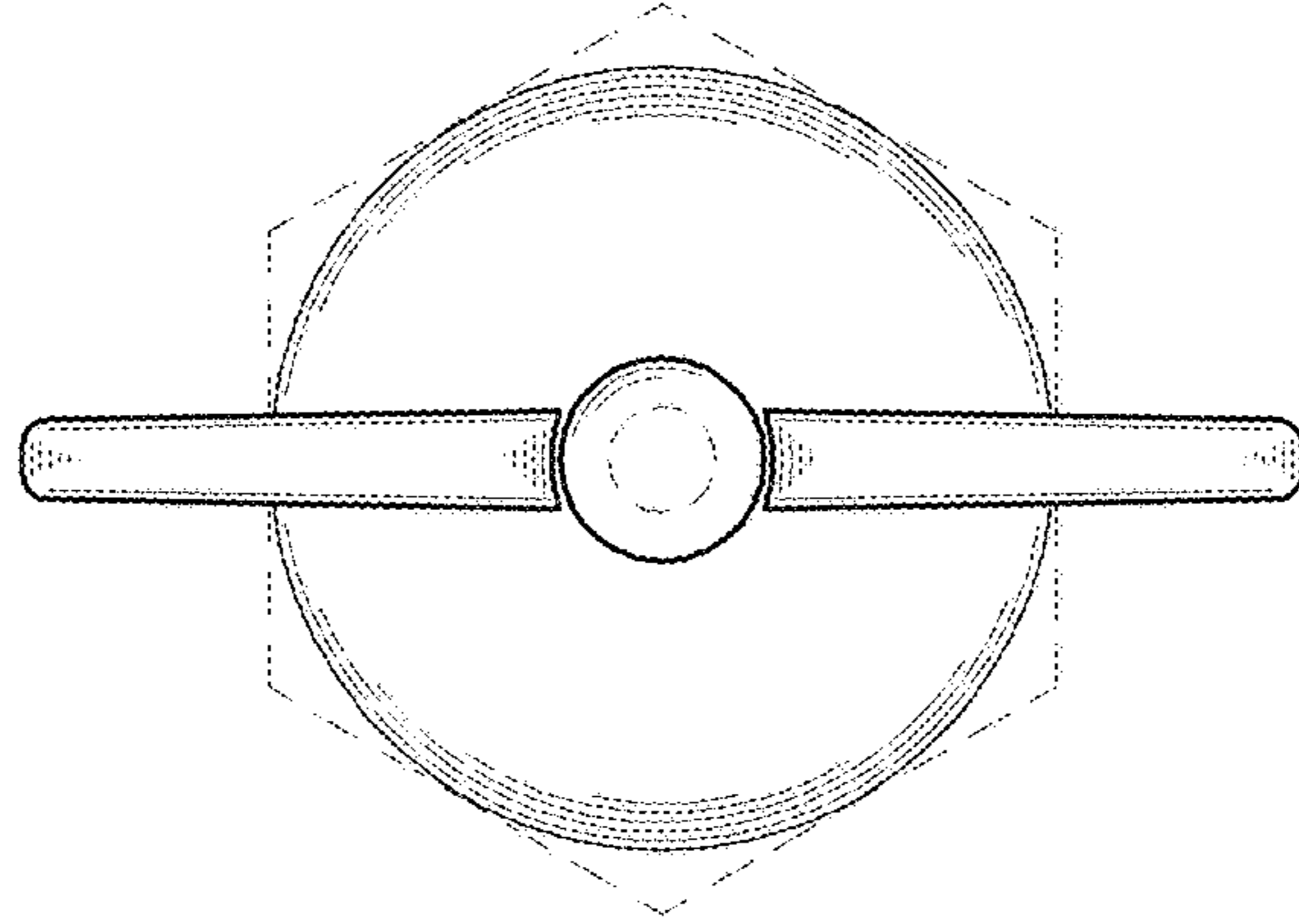


FIG. 6

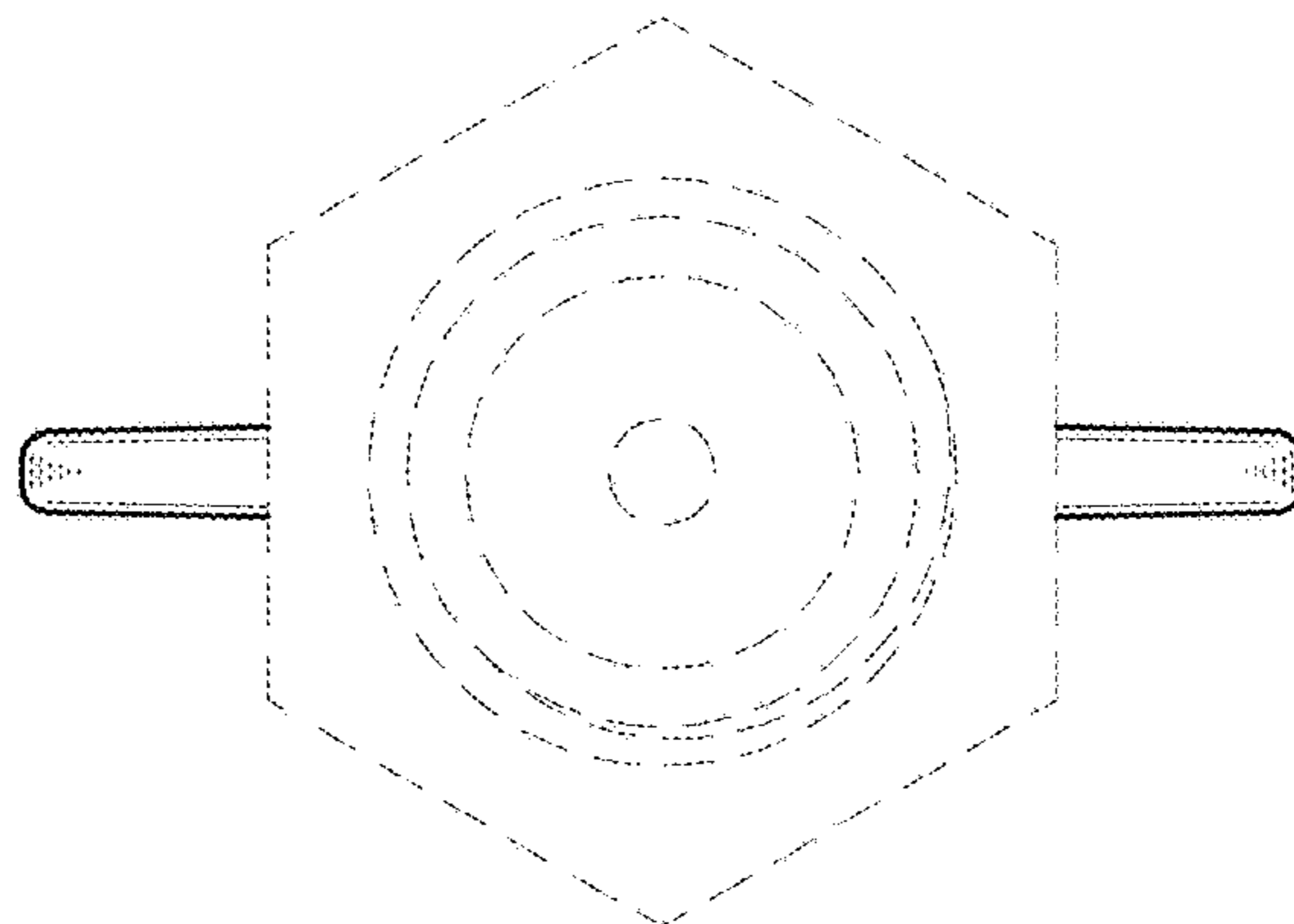


FIG. 7