

US00D832395S

(12) **United States Design Patent** (10) **Patent No.:** **US D832,395 S**
Tabata et al. (45) **Date of Patent:** **** Oct. 30, 2018**

(54) **SPRAYING NOZZLE**

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

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(30) **Foreign Application Priority Data**

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(51) **LOC (11) Cl.** **23-01**

(52) **U.S. Cl.**
USPC **D23/213**

(58) **Field of Classification Search**

USPC D23/213; 239/443, 433; D15/138
CPC B05B 1/02; B05B 1/04; B05B 1/18; B05B 1/08; B05B 1/005; B05B 1/042; E03C 1/086

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

2,722,458 A * 11/1955 Wahlin B05B 1/042 239/597
2,743,138 A * 4/1956 Wahlin B05B 15/16 239/597
D244,462 S * 5/1977 Mathis D23/213
D290,165 S * 6/1987 Jacuzzi B05B 7/0425 D23/213

D390,630 S * 2/1998 McKown D23/213
6,338,444 B1 * 1/2002 Swan B05B 7/0425 239/428.5
D458,342 S * 6/2002 Johnson B01F 5/061 D23/213
D542,376 S * 5/2007 Blette D23/213
7,377,404 B2 * 5/2008 Cherfane B01F 5/061 222/135
D575,847 S * 8/2008 Huang B05B 15/65 D23/213
7,648,087 B2 * 1/2010 Horn B05B 1/02 239/594

(Continued)

FOREIGN PATENT DOCUMENTS

JP D940585 12/1995

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(57) **CLAIM**

We claim the ornamental design for a spraying nozzle, as shown and described.

DESCRIPTION

FIG. 1 is a front perspective view of a spraying nozzle of the present invention;

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 first side view thereof;

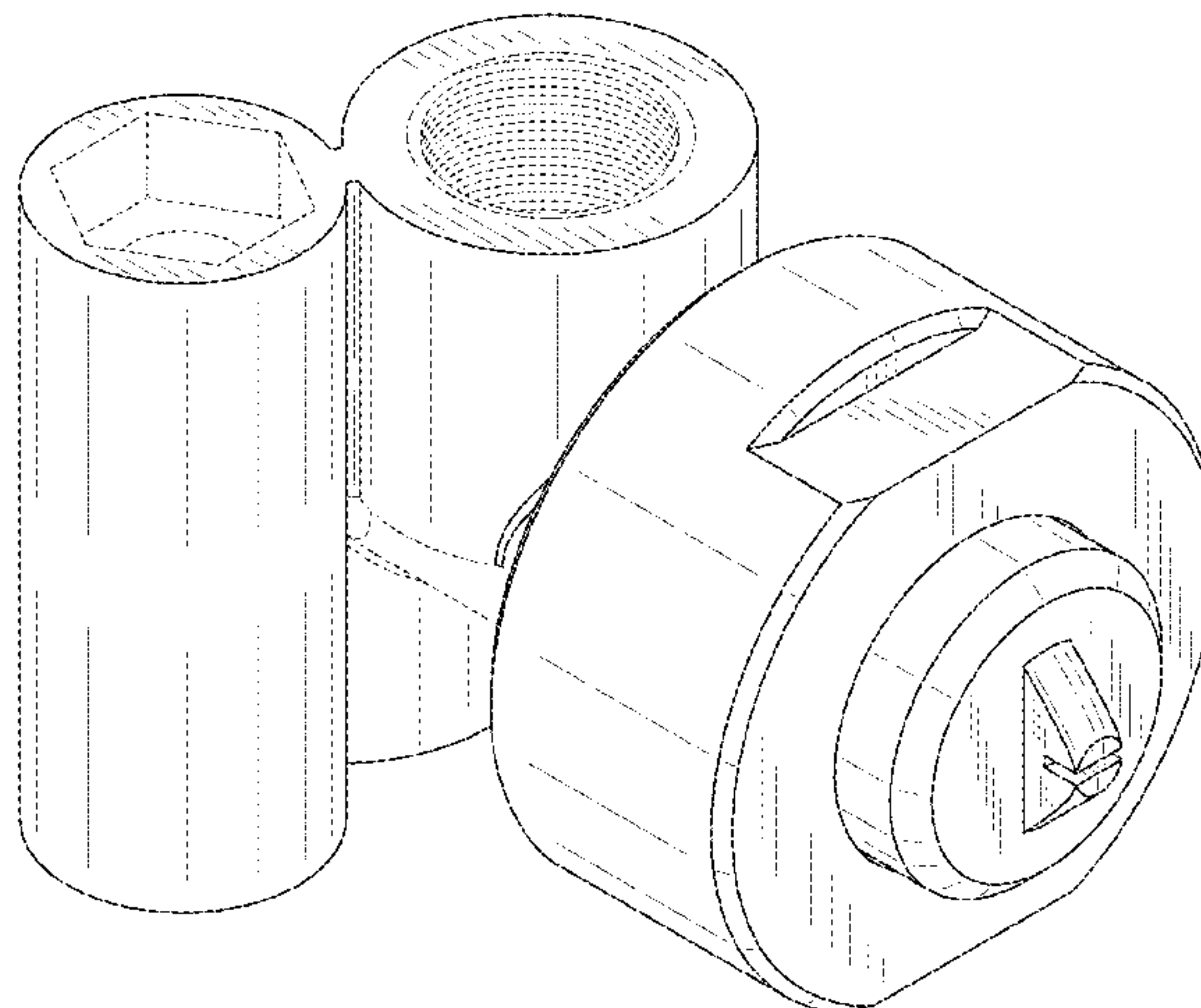
FIG. 6 is a second side view thereof;

FIG. 7 is a top view thereof; and,

FIG. 8 is a bottom view thereof.

The broken lines depict portions of the spraying nozzle in which the design is embodied that form no part of the claimed design. Additionally, the dot-dash lines denote the boundary of the claim and form no part of the claimed design.

1 Claim, 8 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

7,980,490 B2 *	7/2011	Waddelow	B05B 15/65 239/394
8,079,534 B2 *	12/2011	Fecht	B05B 1/042 239/590.5
D708,293 S *	7/2014	Cicenas	B05B 1/042 D23/213
8,828,495 B2 *	9/2014	Ogonowski	B05B 1/042 118/300
RE45,395 E *	3/2015	Fulkerson	B05B 1/042 D23/213

* cited by examiner

FIG. 1

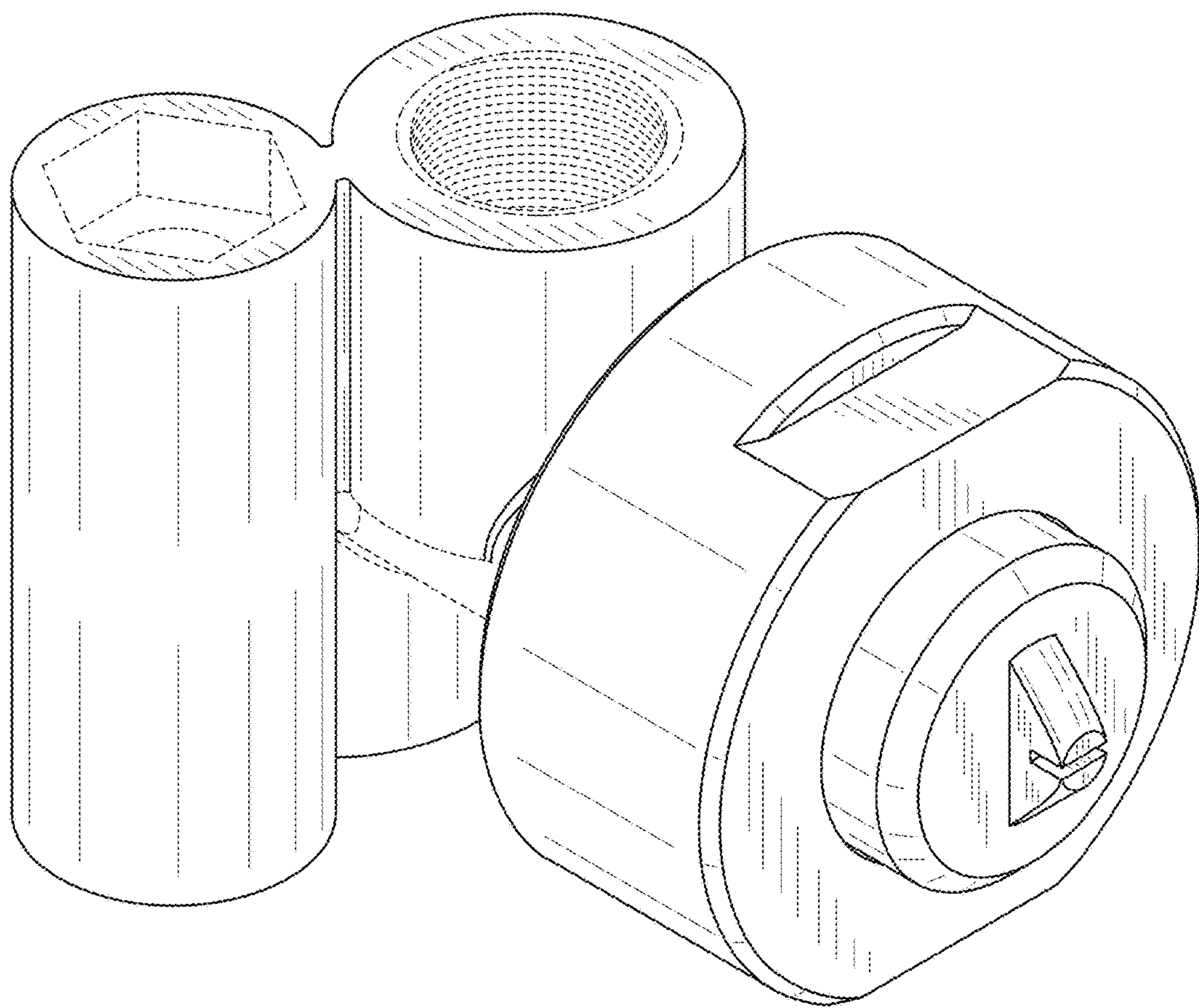


FIG. 2

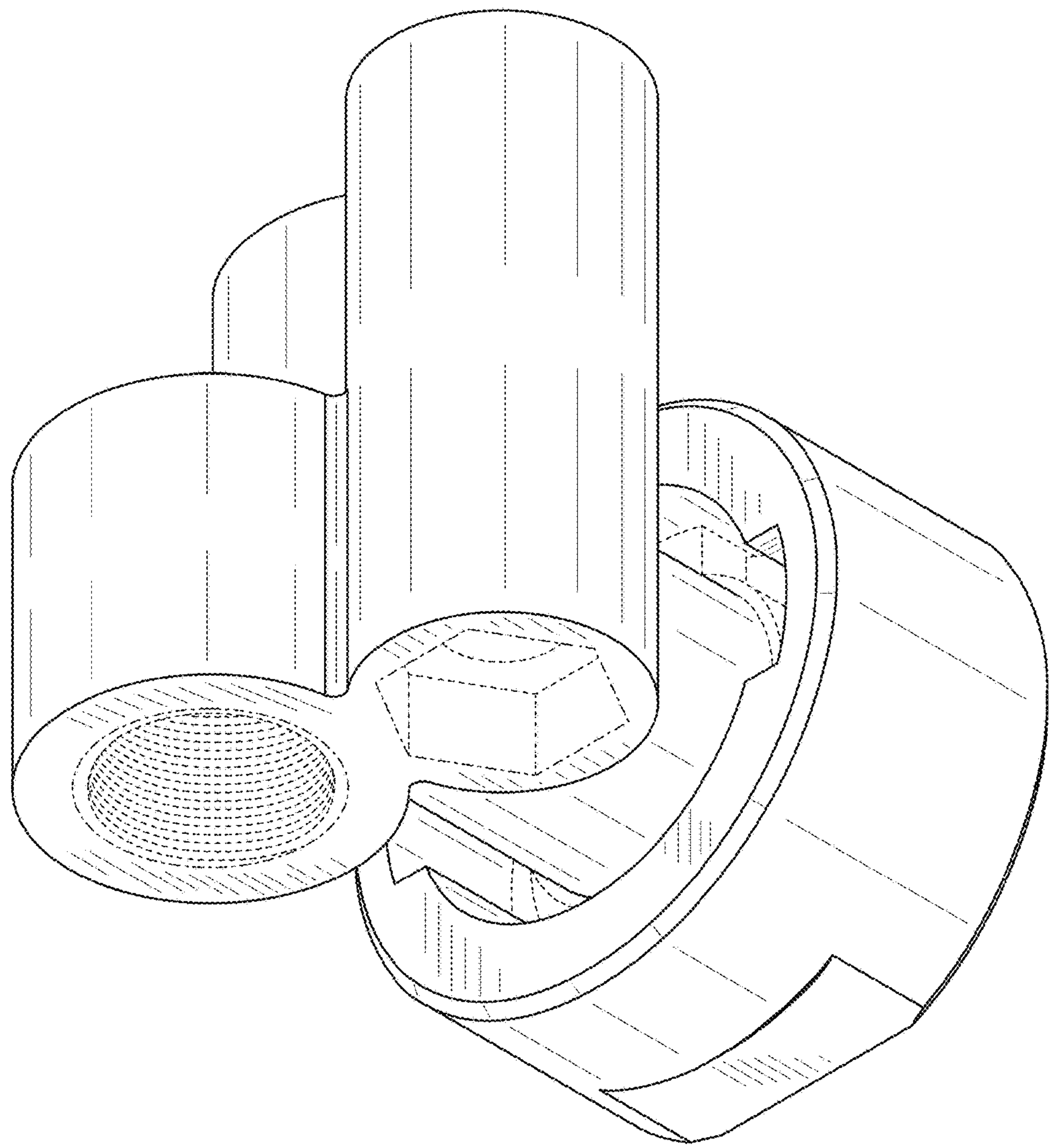


FIG. 3

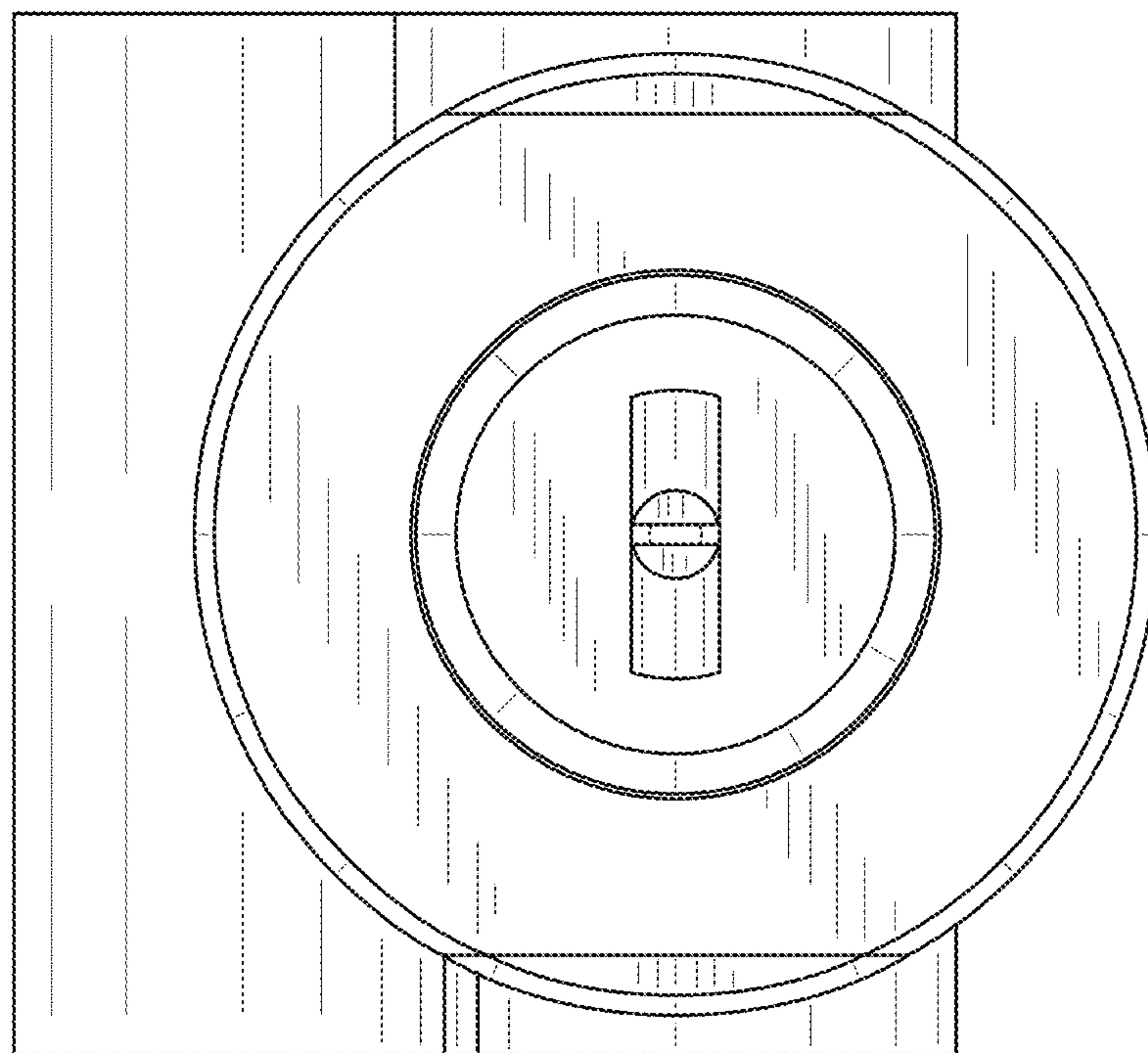


FIG. 4

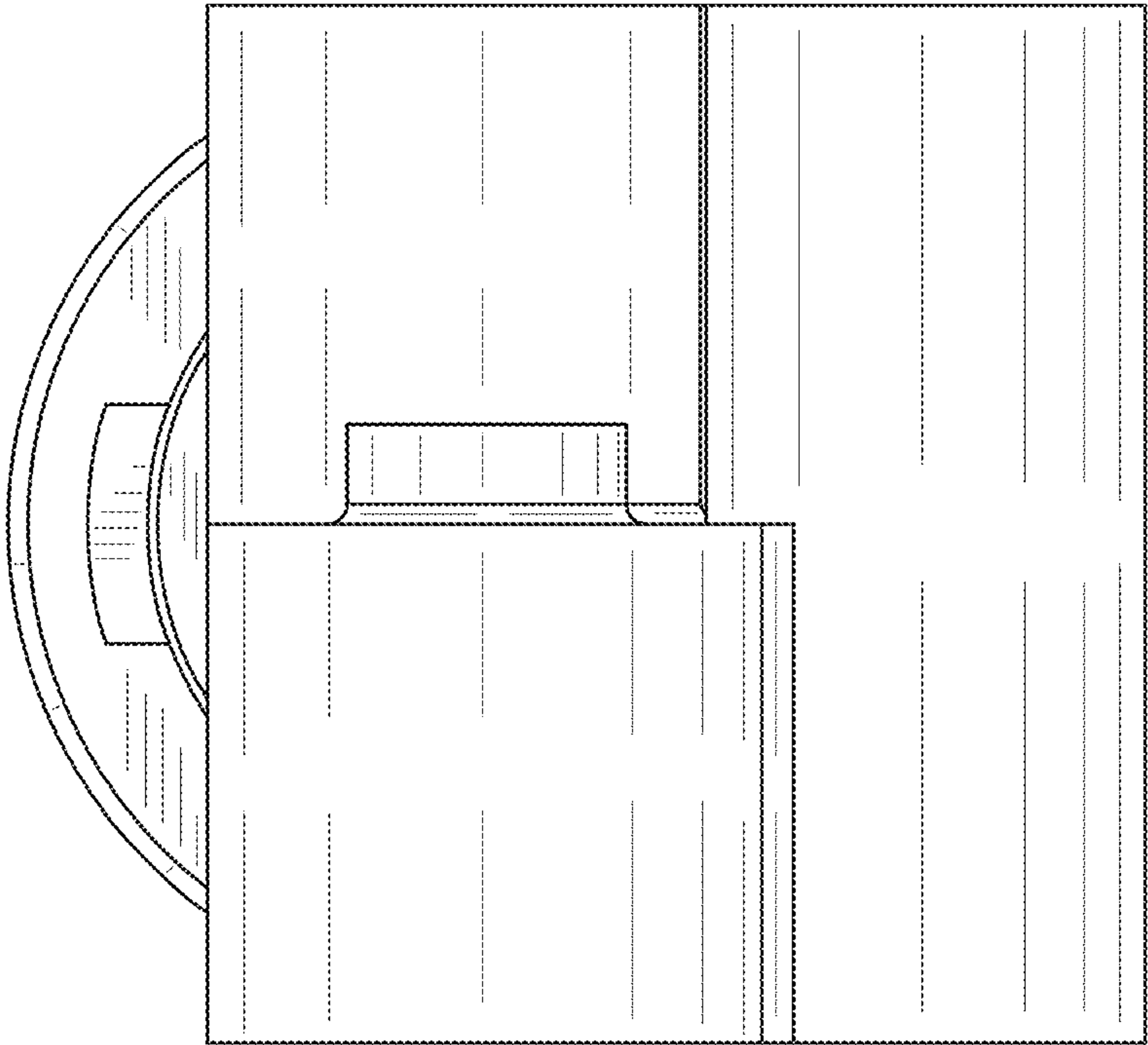


FIG. 5

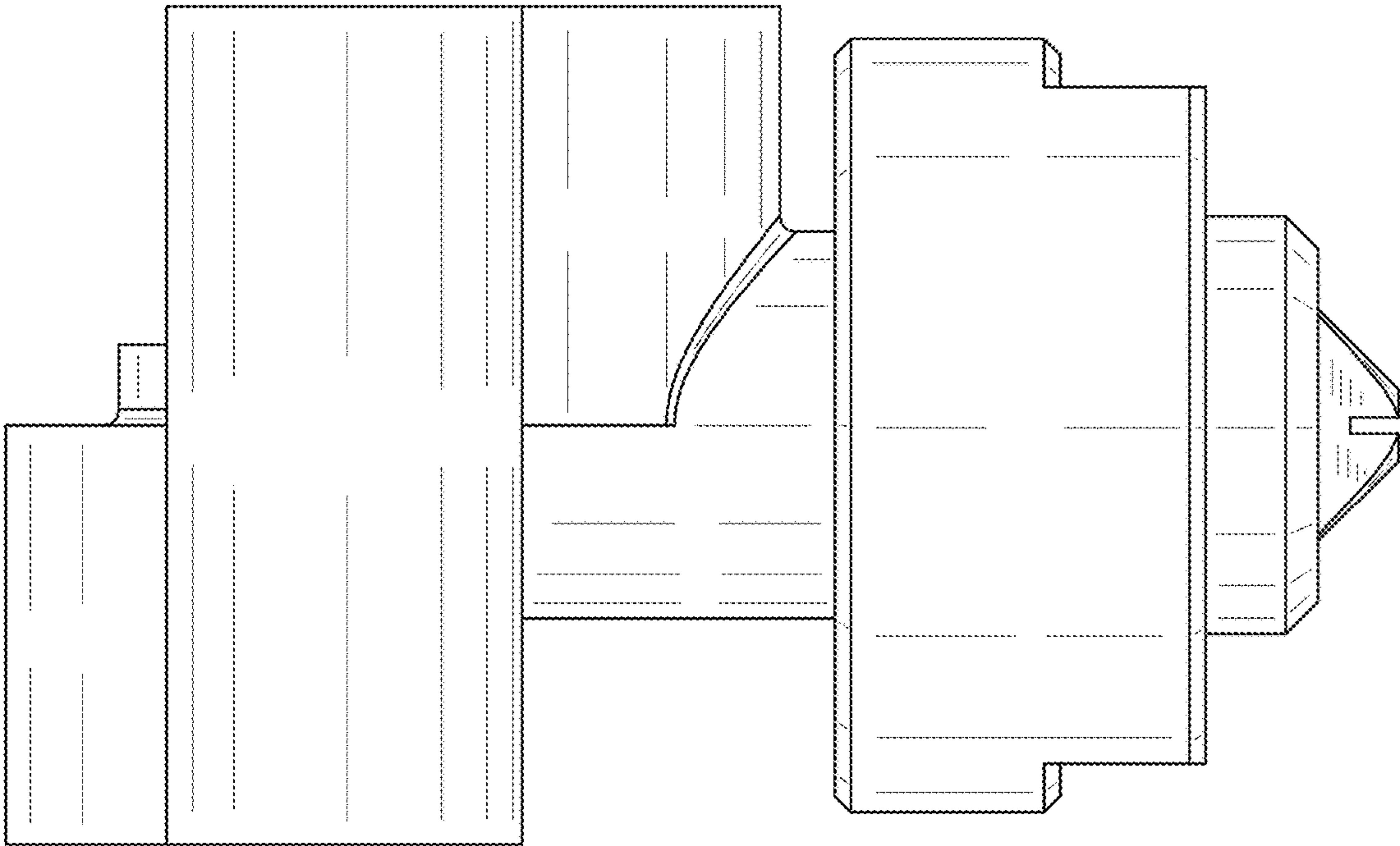


FIG. 6

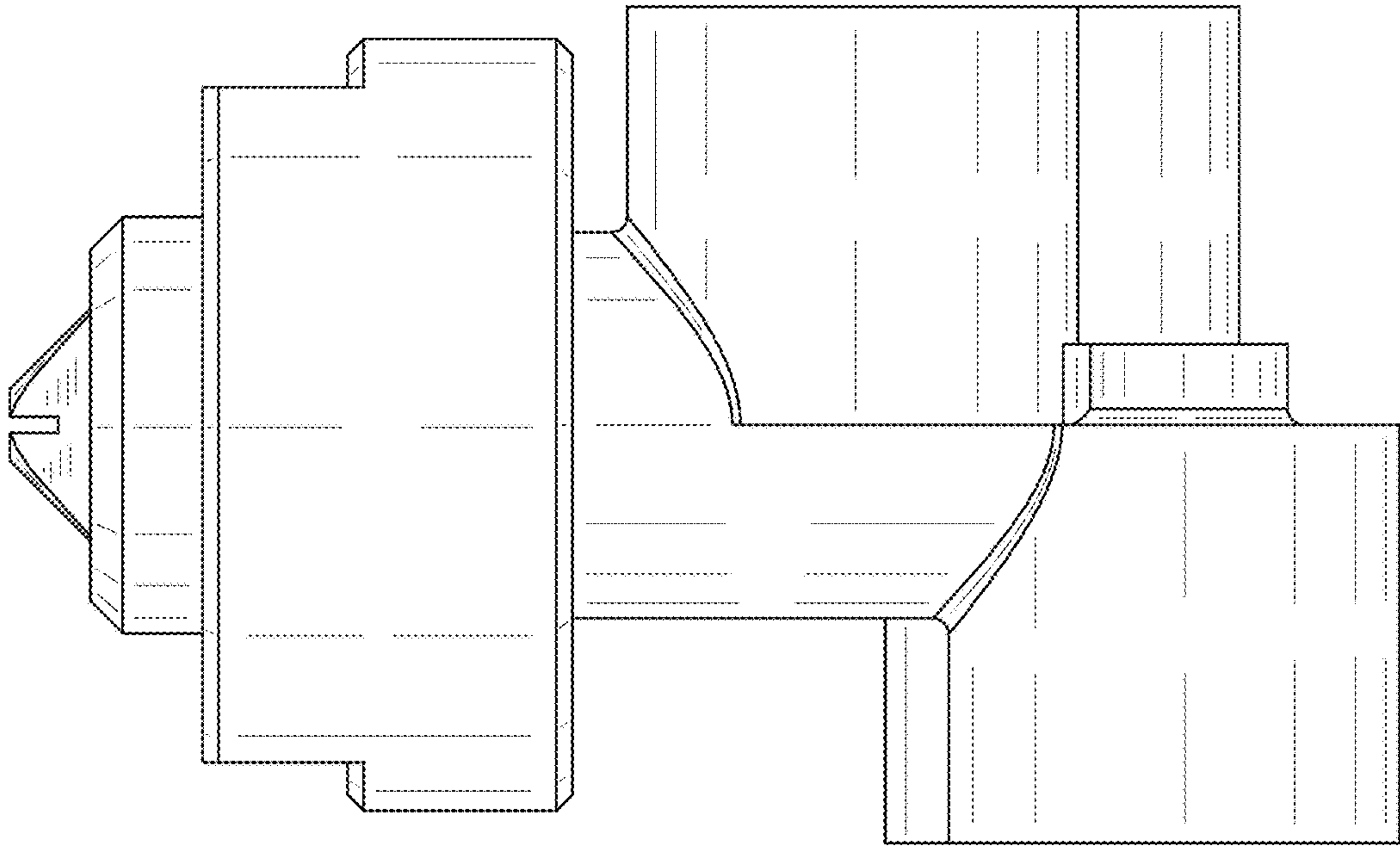


FIG. 7

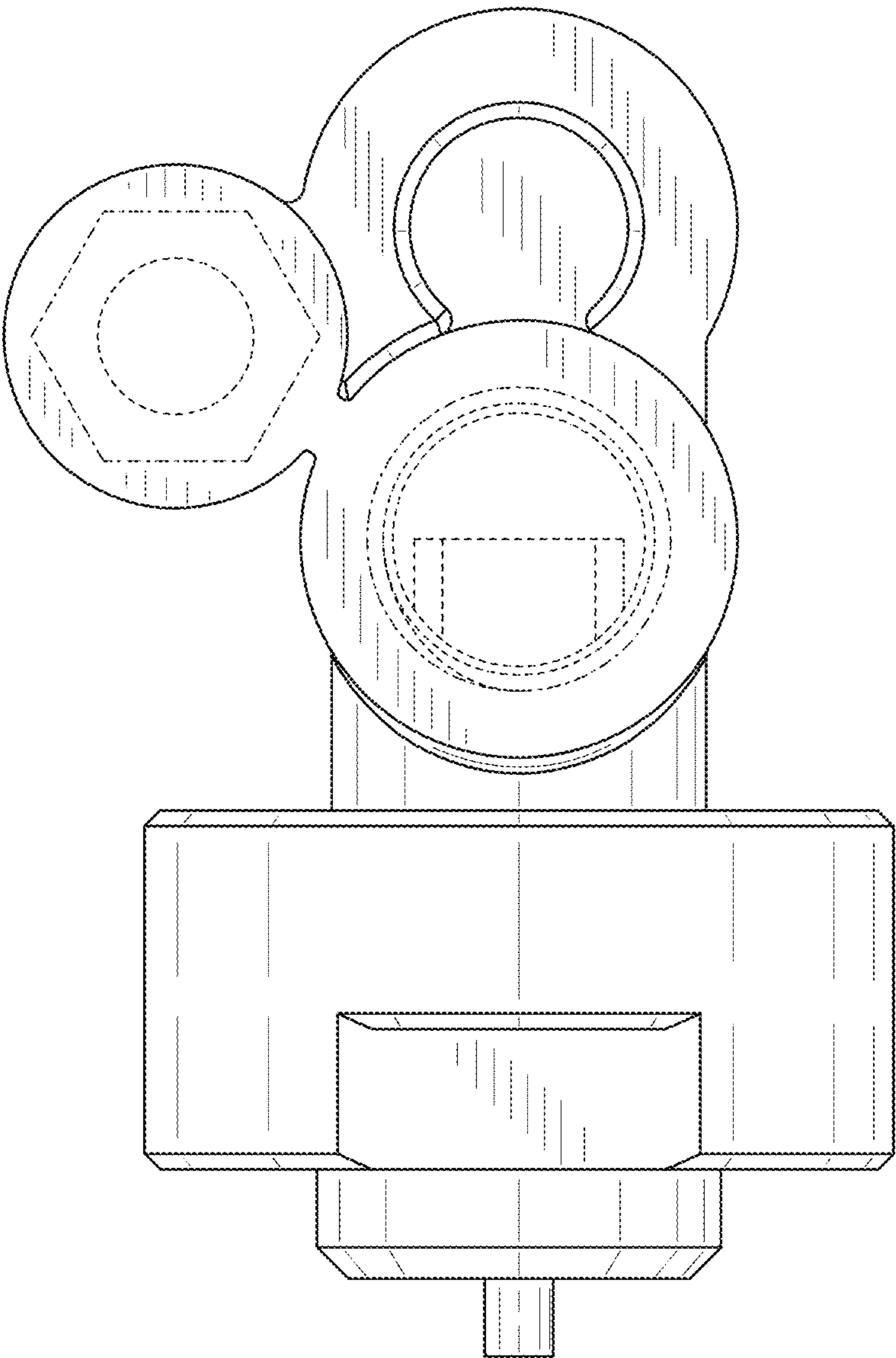


FIG. 8

