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(12) **United States Design Patent**  
**Artino**

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(54) **RETAINING ADAPTER**

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

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(52) **U.S. Cl.**  
USPC ..... **D8/387; D8/382**

(58) **Field of Classification Search**  
USPC ..... D8/310, 349, 382, 387, 388, 397, 399;  
D14/203.8, 432, 433, 483, 217, 299  
CPC .. F16B 23/00; F16B 23/0061; F16B 23/0007;  
B24B 23/02; B24B 23/022; B24B 45/006;  
B27B 5/32; B23B 2231/48; B23D  
61/025; G03B 17/561; G03B 17/566;  
B60R 1/04; B60R 1/06; B60R 11/00;  
B60R 2011/0003; B60R 2011/0089

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D278,029 S \* 3/1985 Suponitsky ..... D8/397  
4,632,356 A \* 12/1986 Munz ..... D06F 39/125  
248/188.4  
5,518,440 A \* 5/1996 Bone ..... B24B 45/006  
451/342  
D376,713 S \* 12/1996 Kelso ..... D6/709.18  
D389,394 S \* 1/1998 Taylor ..... D8/312

D426,146 S \* 6/2000 Bruns ..... D8/387  
D451,361 S \* 12/2001 Yang ..... D8/307  
6,332,836 B1 \* 12/2001 Tseng ..... B24B 23/022  
451/359  
6,363,579 B1 \* 4/2002 King, Jr. .... F16K 31/607  
16/430  
6,727,466 B2 \* 4/2004 Hutter, III ..... F16B 11/006  
156/71  
D556,007 S \* 11/2007 Hung ..... D8/107  
D572,998 S \* 7/2008 Crain ..... D8/305  
8,146,879 B2 \* 4/2012 Liao ..... A45B 11/00  
135/135  
D717,207 S \* 11/2014 Fondas ..... D11/222  
D742,214 S \* 11/2015 Yuan ..... D8/399  
D773,925 S \* 12/2016 Wadey ..... D14/217  
9,636,763 B2 \* 5/2017 Hortling ..... B23D 61/10  
9,718,163 B1 \* 8/2017 Sun ..... B24B 23/02  
D800,598 S \* 10/2017 Hata ..... D11/130  
2002/0070037 A1 \* 6/2002 Jasch ..... B23B 31/008  
173/132

(Continued)

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(57) **CLAIM**

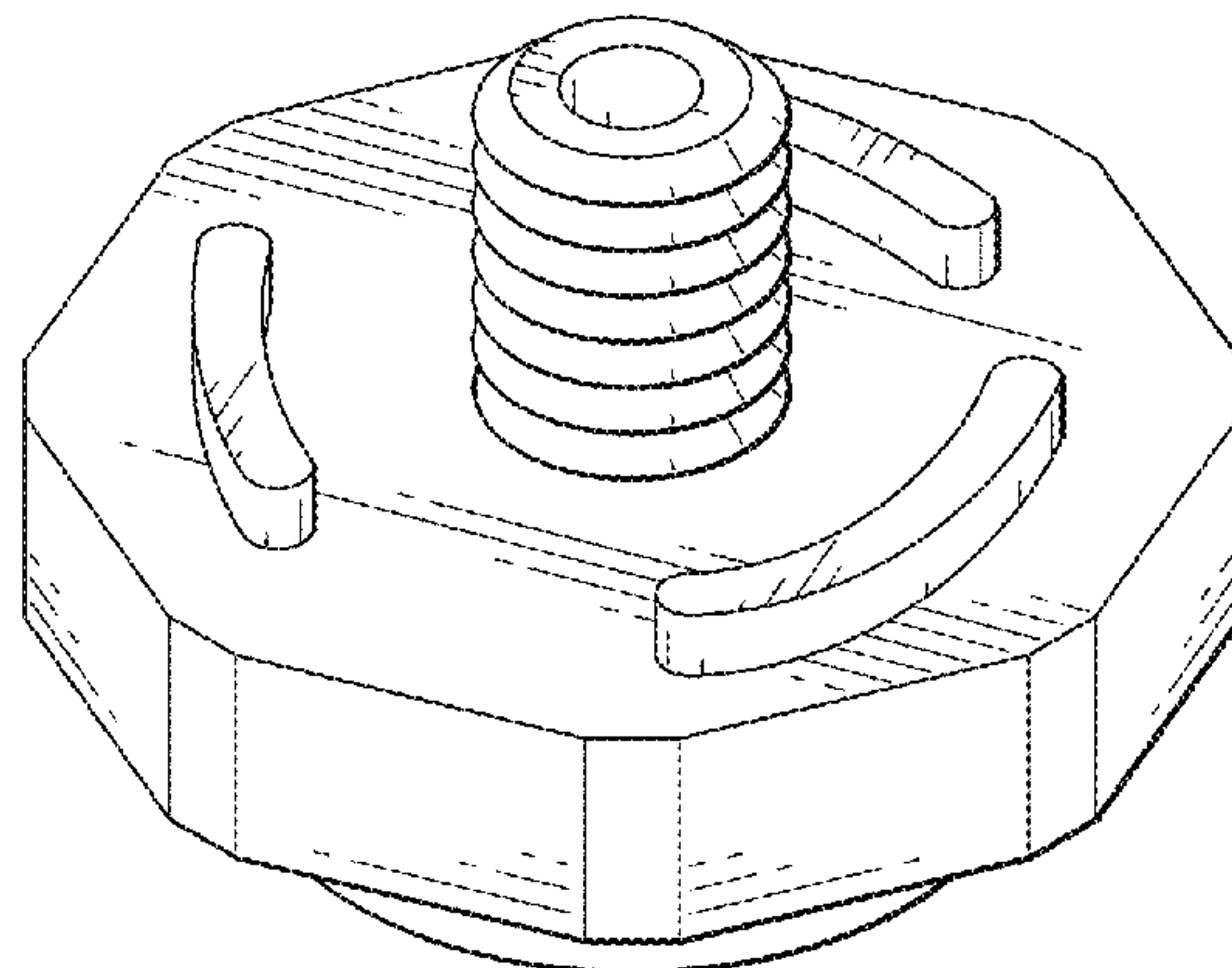
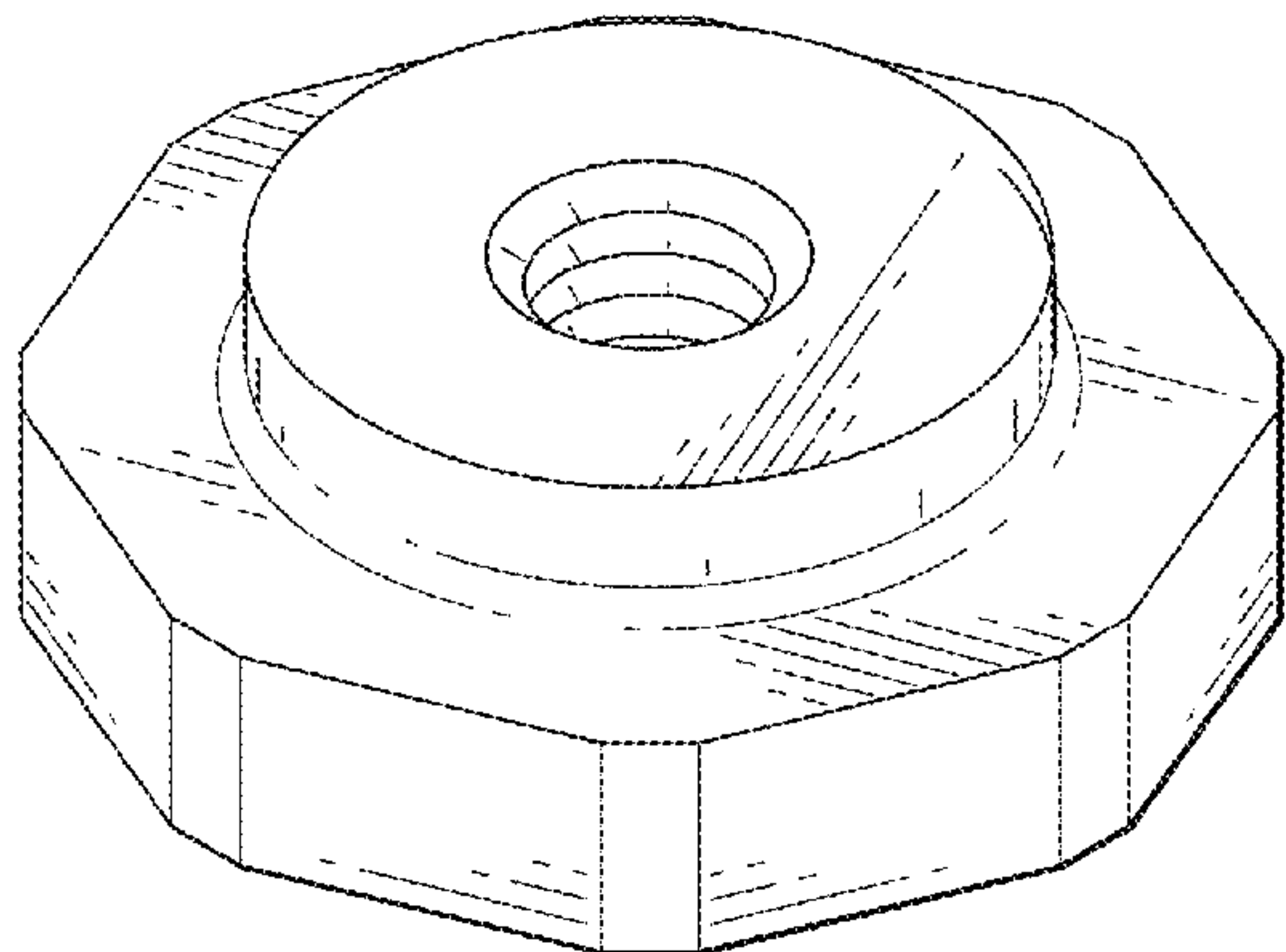
The ornamental design for a retaining adapter, as shown and  
described.

**DESCRIPTION**

FIG. 1 is a front perspective view of a retaining adapter.  
FIG. 2 is a rear perspective view of the retaining adapter of  
FIG. 1.

FIG. 3 is a front view of the retaining adapter of FIG. 1.  
FIG. 4 is a rear view of the retaining adapter of FIG. 1.  
FIG. 5 is a side view of the retaining adapter of FIG. 1.  
FIG. 6 is a top view of the retaining adapter of FIG. 1; and,  
FIG. 7 is a bottom view of the retaining adapter of FIG. 1.

**1 Claim, 4 Drawing Sheets**



(56)

**References Cited**

U.S. PATENT DOCUMENTS

2005/0095966 A1\* 5/2005 Jasch ..... B23B 31/008  
451/342  
2007/0295698 A1\* 12/2007 Hengel ..... B23K 11/0053  
219/93  
2014/0186137 A1\* 7/2014 Hortling ..... B27B 5/32  
411/366.1  
2016/0041454 A1\* 2/2016 McElderry ..... G03B 17/566  
396/428  
2016/0288359 A1\* 10/2016 Patrick ..... B27B 5/32  
2016/0357091 A1\* 12/2016 Jacobsson ..... F21S 8/02

\* cited by examiner

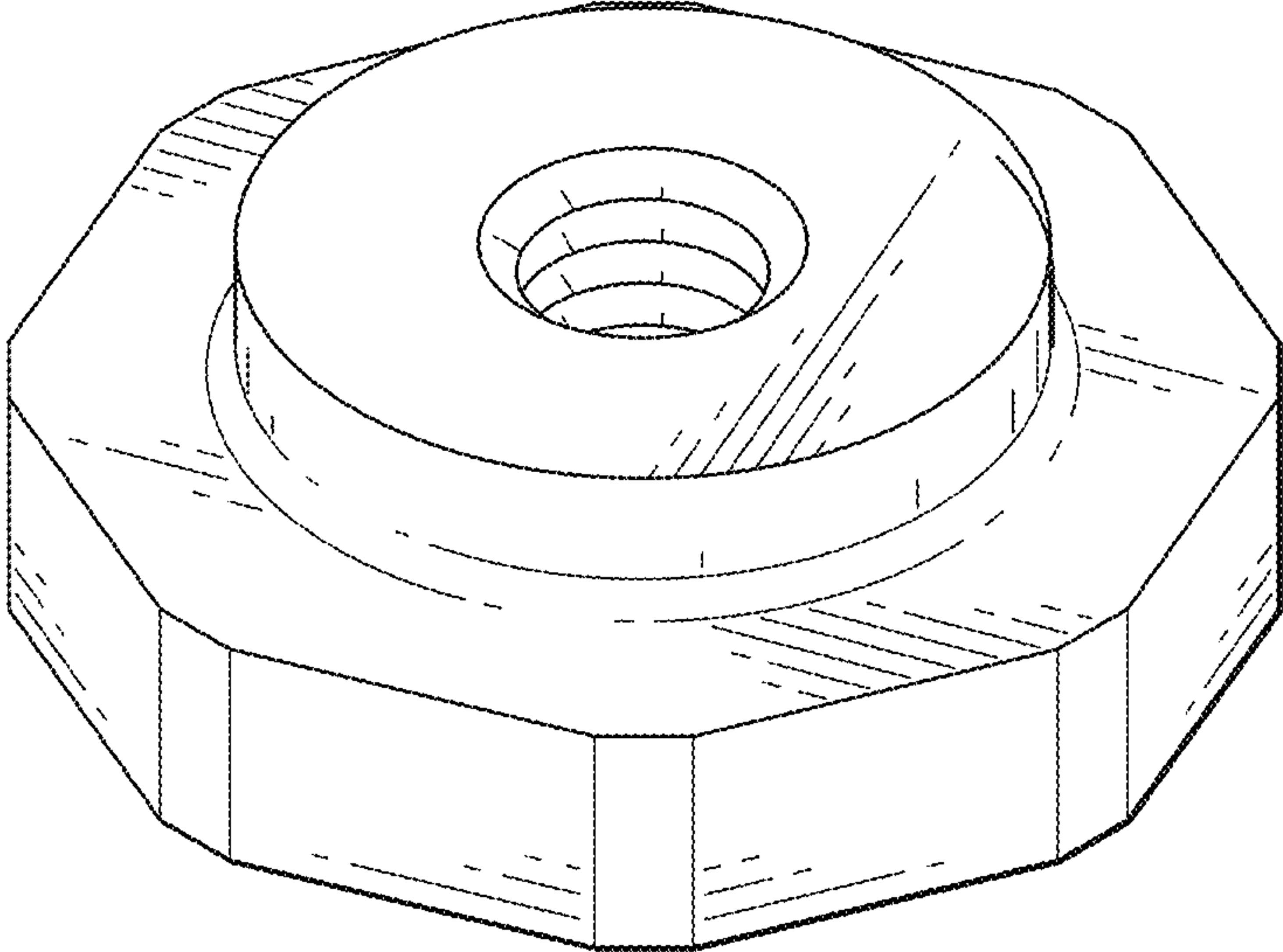


FIG. 1

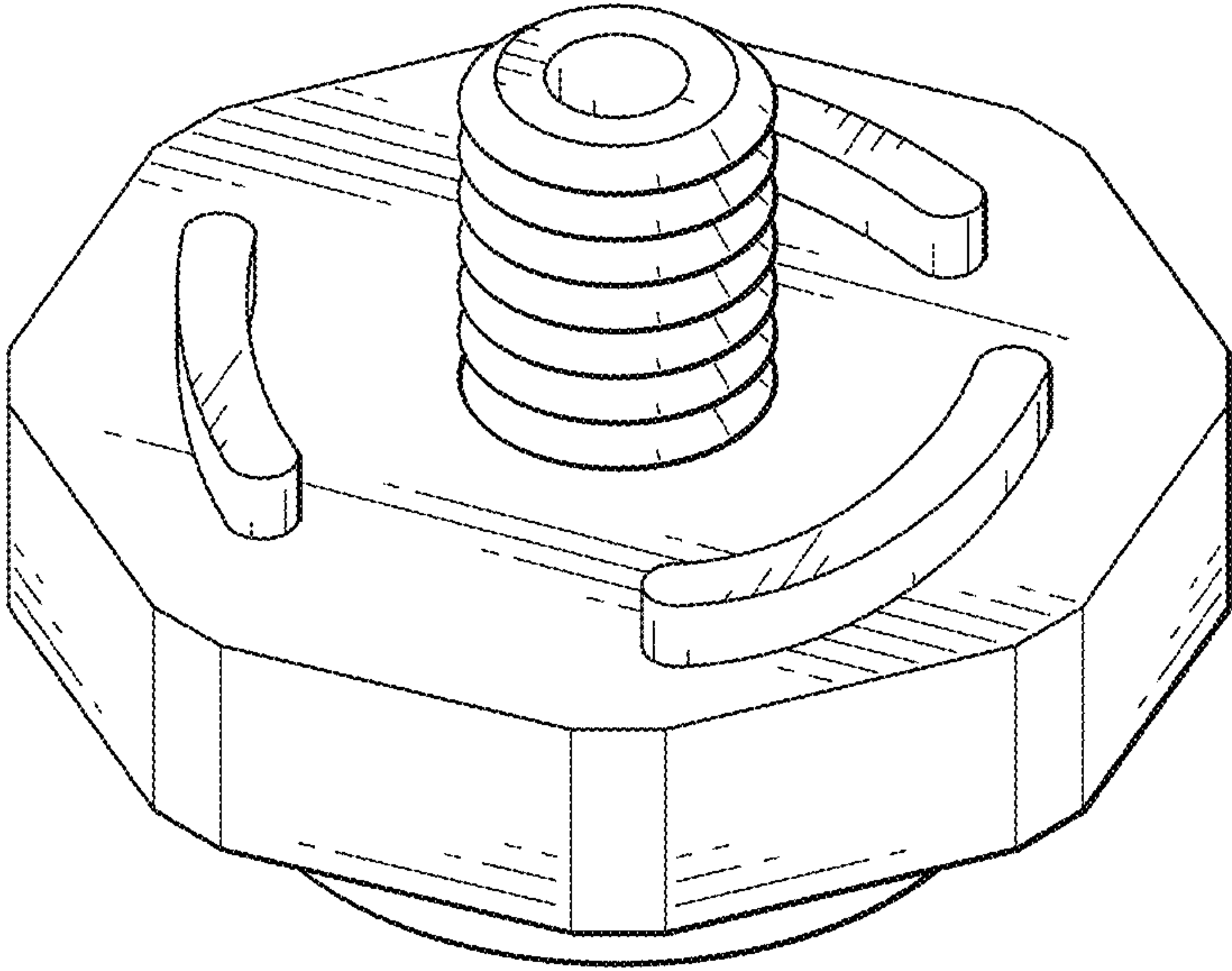


FIG. 2

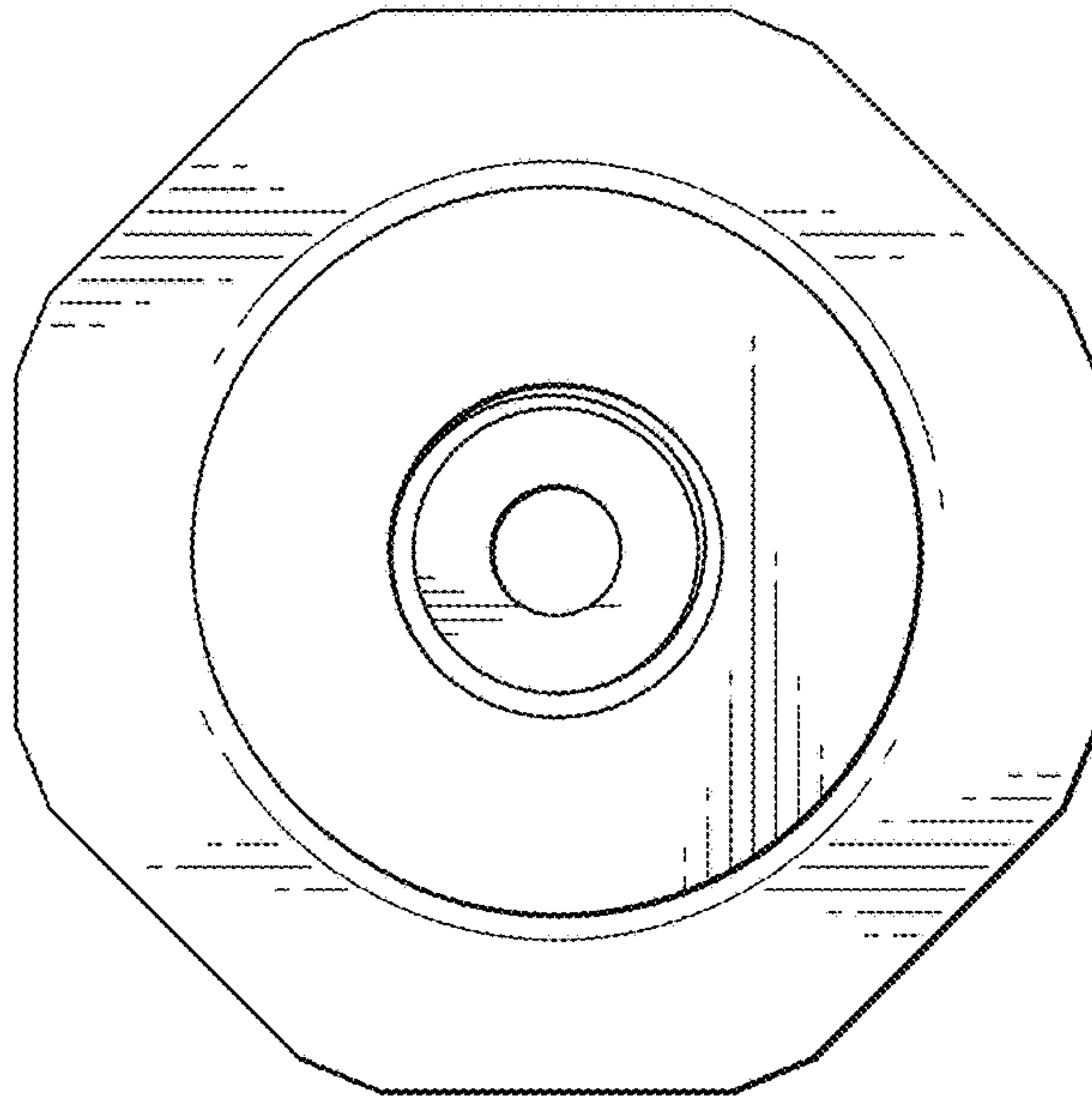


FIG. 3

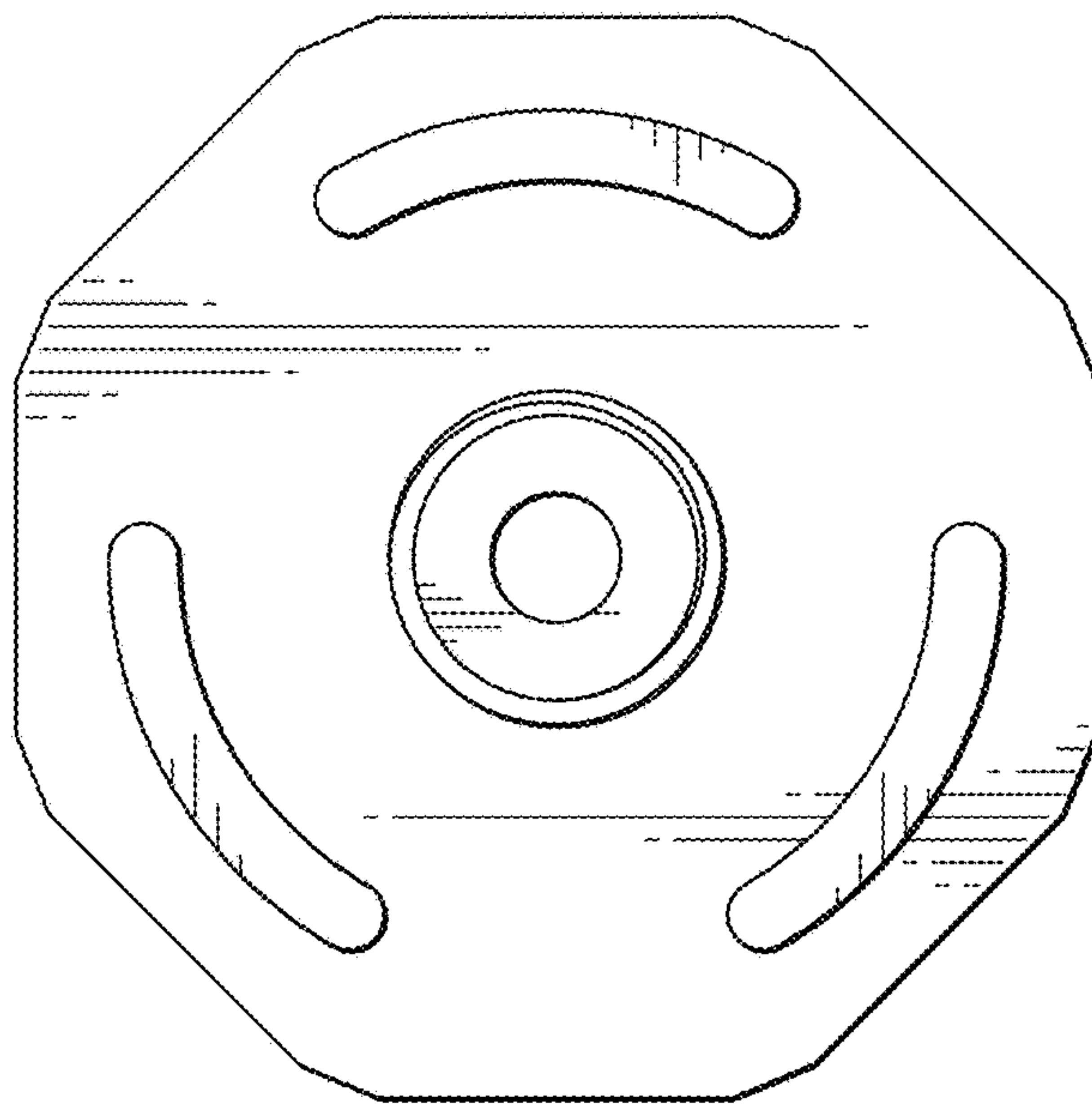


FIG. 4

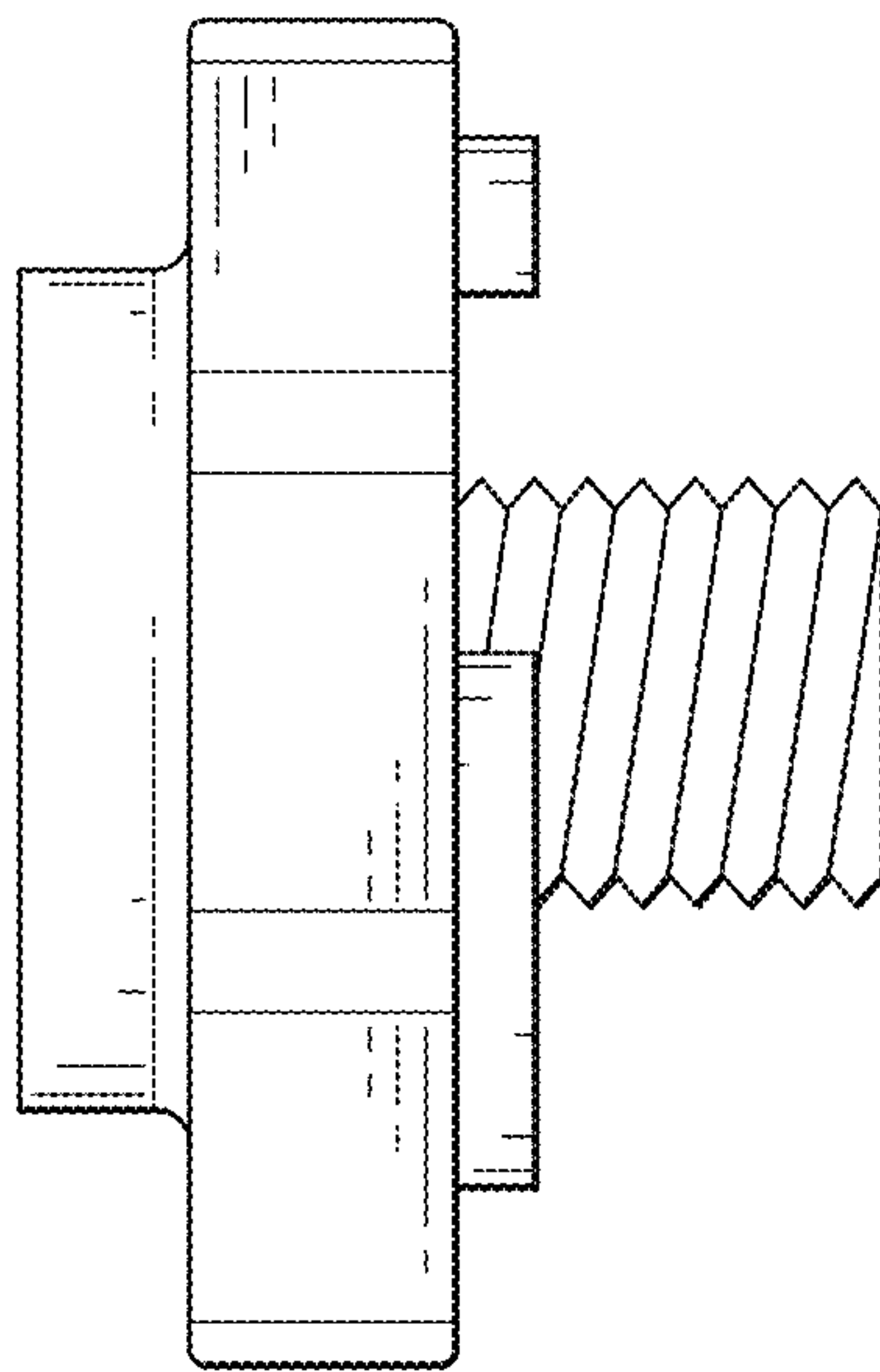


FIG. 5

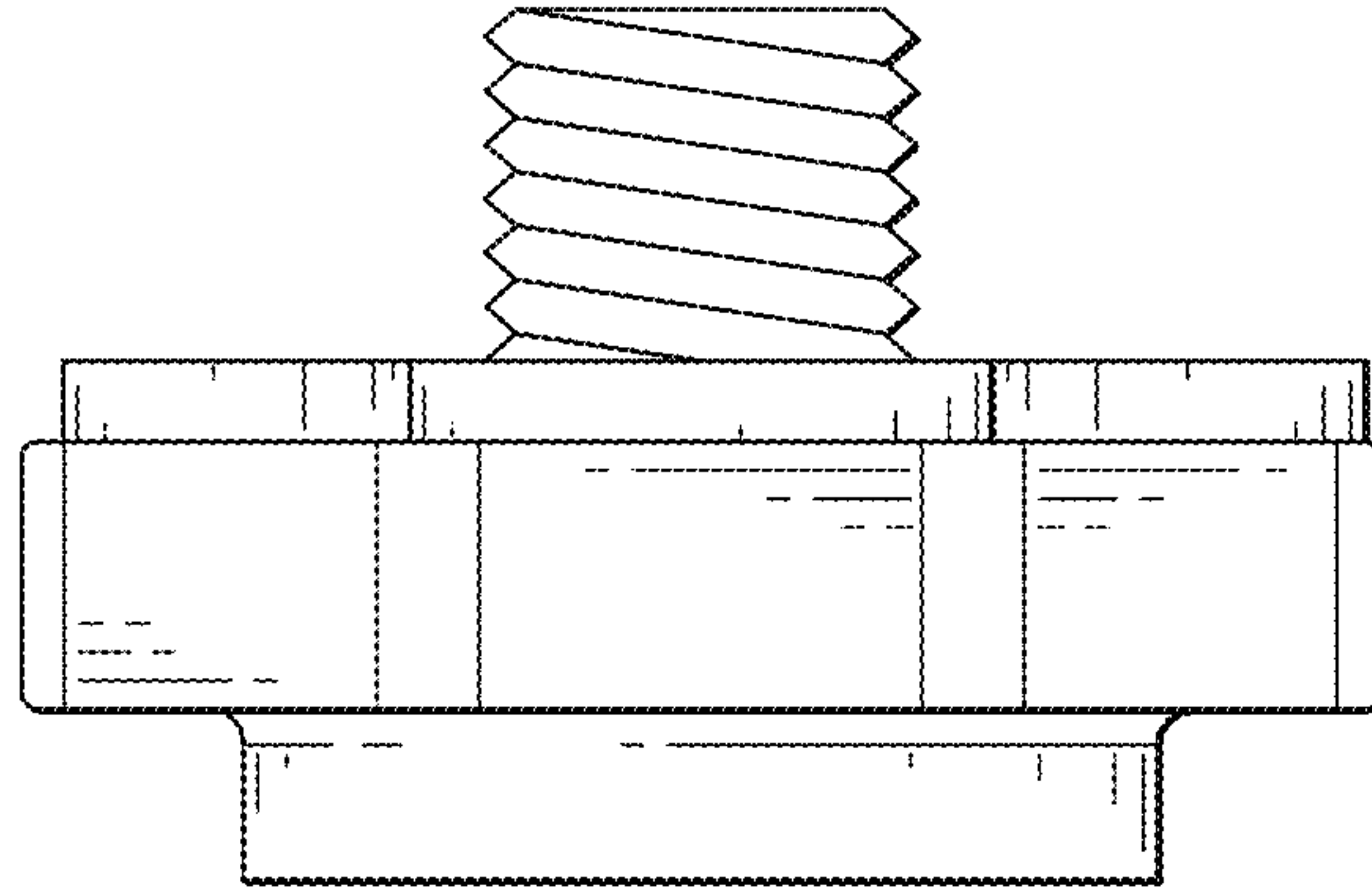


FIG. 6

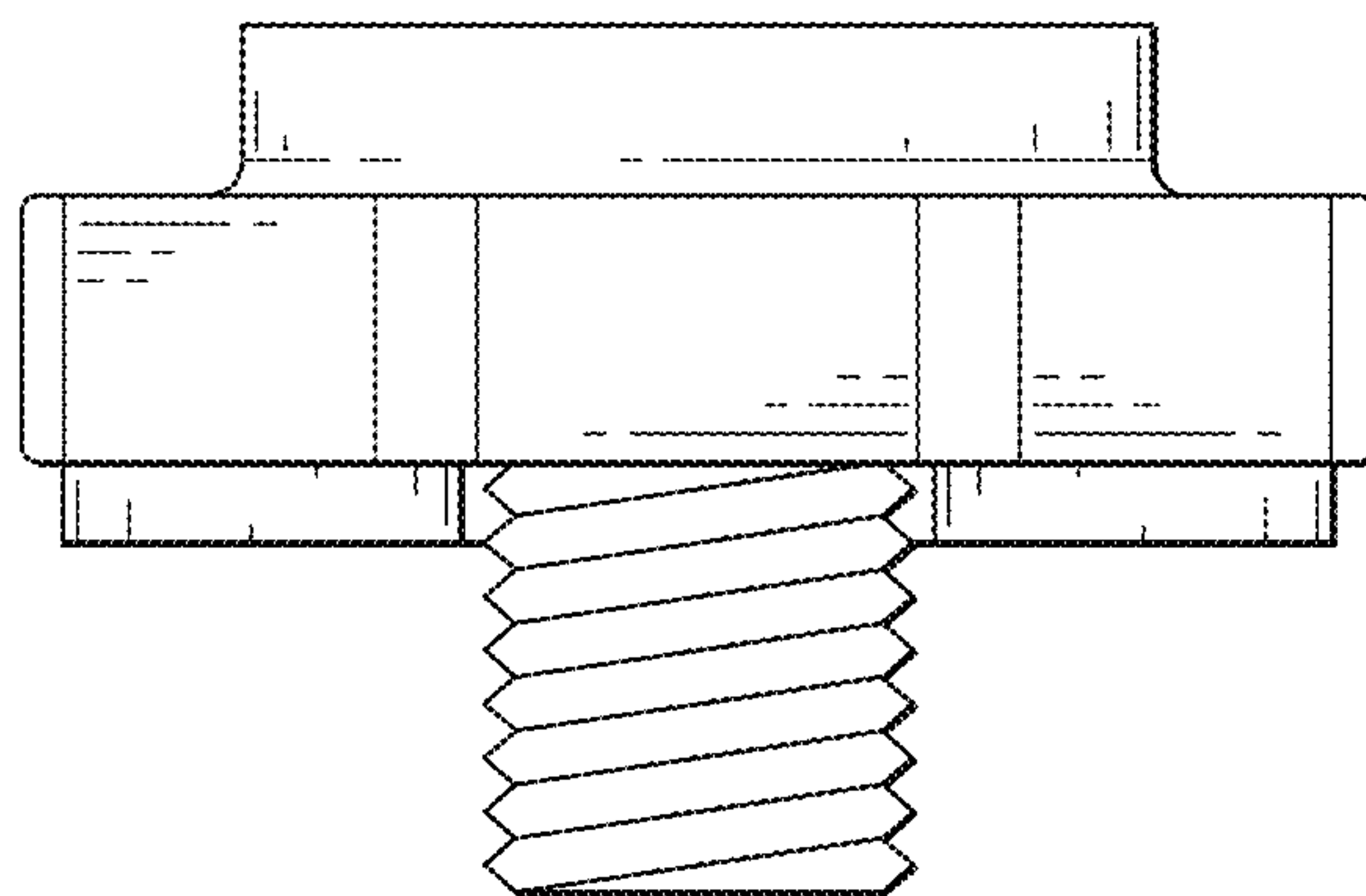


FIG. 7