



US00D847234S

(12) **United States Design Patent** (10) **Patent No.:** **US D847,234 S**  
**Gou** (45) **Date of Patent:** **\*\* Apr. 30, 2019**

- (54) **SOLDERING IRON**
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- (73) Assignee: **GUANGZHOU YIHUA ELECTRONIC EQUIPMENT CO., LTD.**, Guangzhou, Guangdong (CN)
- (\*\*) Term: **15 Years**
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- (30) **Foreign Application Priority Data**  
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- (51) **LOC (11) Cl.** ..... **15-03**
- (52) **U.S. Cl.**  
USPC ..... **D15/144**
- (58) **Field of Classification Search**  
USPC ..... D15/21, 138, 139, 144; D8/1, 3, 8, 98  
CPC ..... B23K 26/032; B23K 11/0026; B23K 11/062; B23K 11/066; B23K 11/0873; B23K 11/0876; B23K 11/115; B23K 11/24; B23K 11/248; B23K 11/252; B23K 11/257; B23K 11/3018; B23K 11/3054; B23K 11/36; B23K 15/0013; B23K 15/02; B23K 15/08; B23K 15/085; B23K 1/0014; B23K 1/0018; B23K 1/0056; B23K 20/12; B23K 20/1215; B23K 2201/001; B23K 2201/04; B23K 2201/125; B23K 2203/04; B23K 2203/10; B23K 2203/16; B23K 2203/26; B23K 2203/42; B23K 2203/52; B23K 26/03; B23K 26/034; B23K 26/044; B23K 26/0619; B23K 26/123; B23K 26/1429; B23K 26/20; B23K 26/28; B23K 26/362; B23K 26/38; B23K 26/382; B23K 31/02; B23K 31/12; B23K 35/0222; B23K

35/0244; B23K 35/025; B23K 35/0261; B23K 35/286; B23K 35/3006; B23K 35/3013; B23K 35/302; B23K 35/3033; B23K 35/3046; B23K 35/327; B23K 35/36; B23K 35/3603; B23K 35/3605; B23K 35/3613; B23K 35/365; B23K 37/04; B23K 9/02; B23K 9/073; B23K 9/091; B23K

(Continued)

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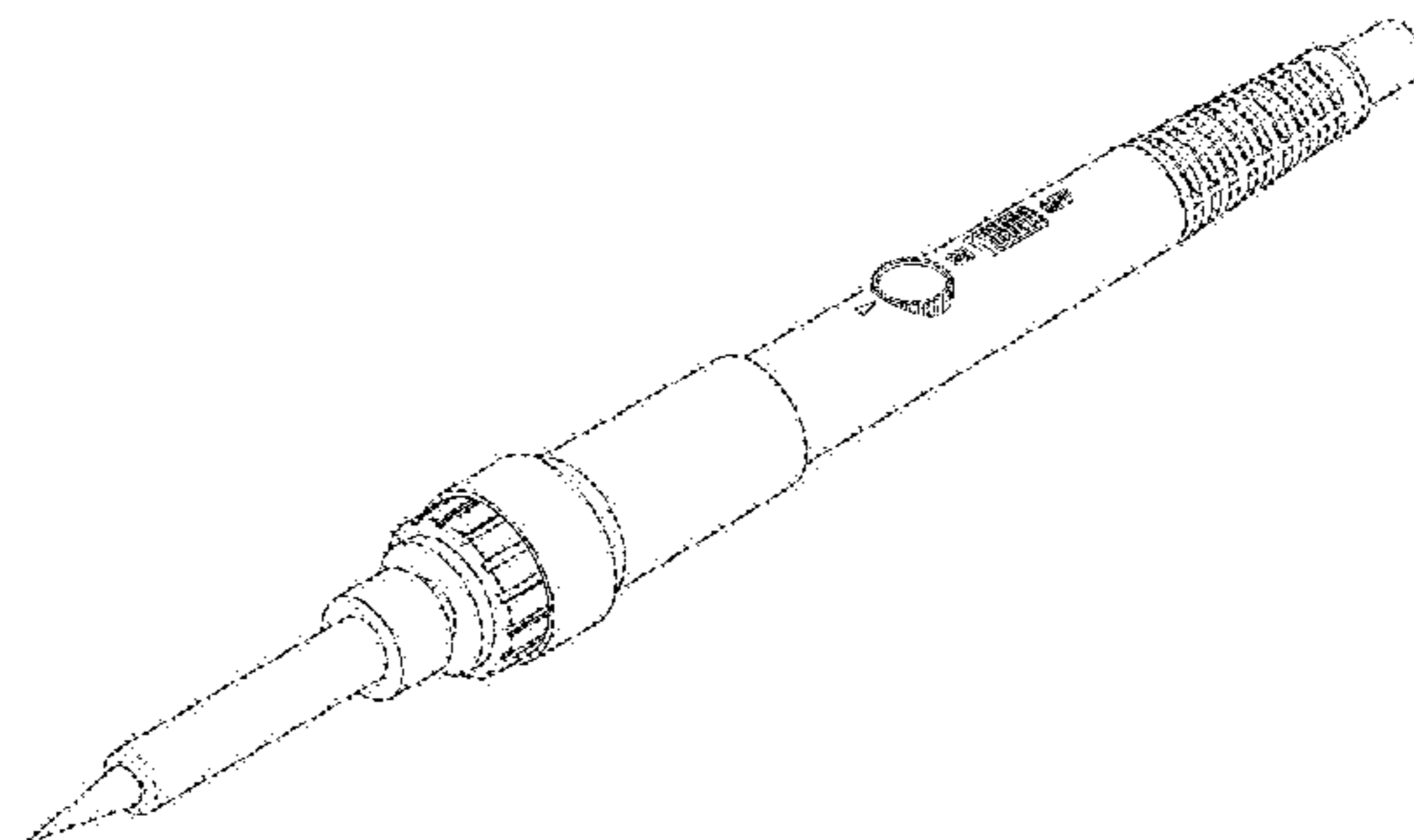
(57) **CLAIM**

The ornamental design for a soldering iron, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of the soldering iron.  
FIG. 2 is a front view thereof;  
FIG. 3 is a rear view thereof;  
FIG. 4 is a side view thereof, the opposite side being a mirror image;  
FIG. 5 is a top view thereof;  
FIG. 6 is a bottom view thereof;  
FIG. 7 is a perspective view of a second soldering iron corresponding to my design.  
FIG. 8 is a front view thereof;  
FIG. 9 is a rear view thereof;  
FIG. 10 is a side view thereof, the opposite side being a mirror image;  
FIG. 11 is a top view thereof; and,  
FIG. 12 is a bottom view thereof.

**1 Claim, 8 Drawing Sheets**



(58) **Field of Classification Search**

CPC ..... 9/092; B23K 9/095; B23K 9/0956; B23K  
9/1006

See application file for complete search history.

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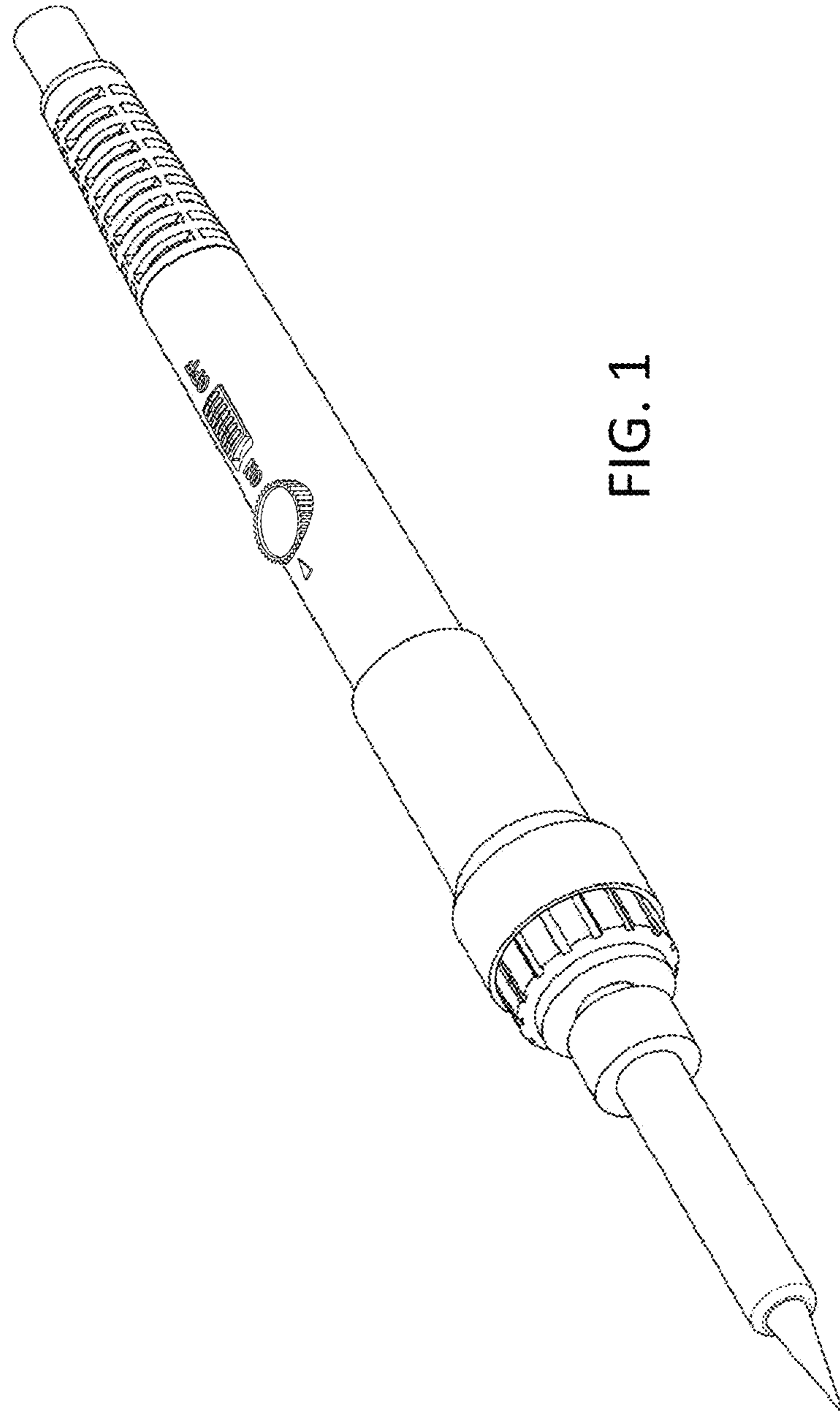


FIG. 1

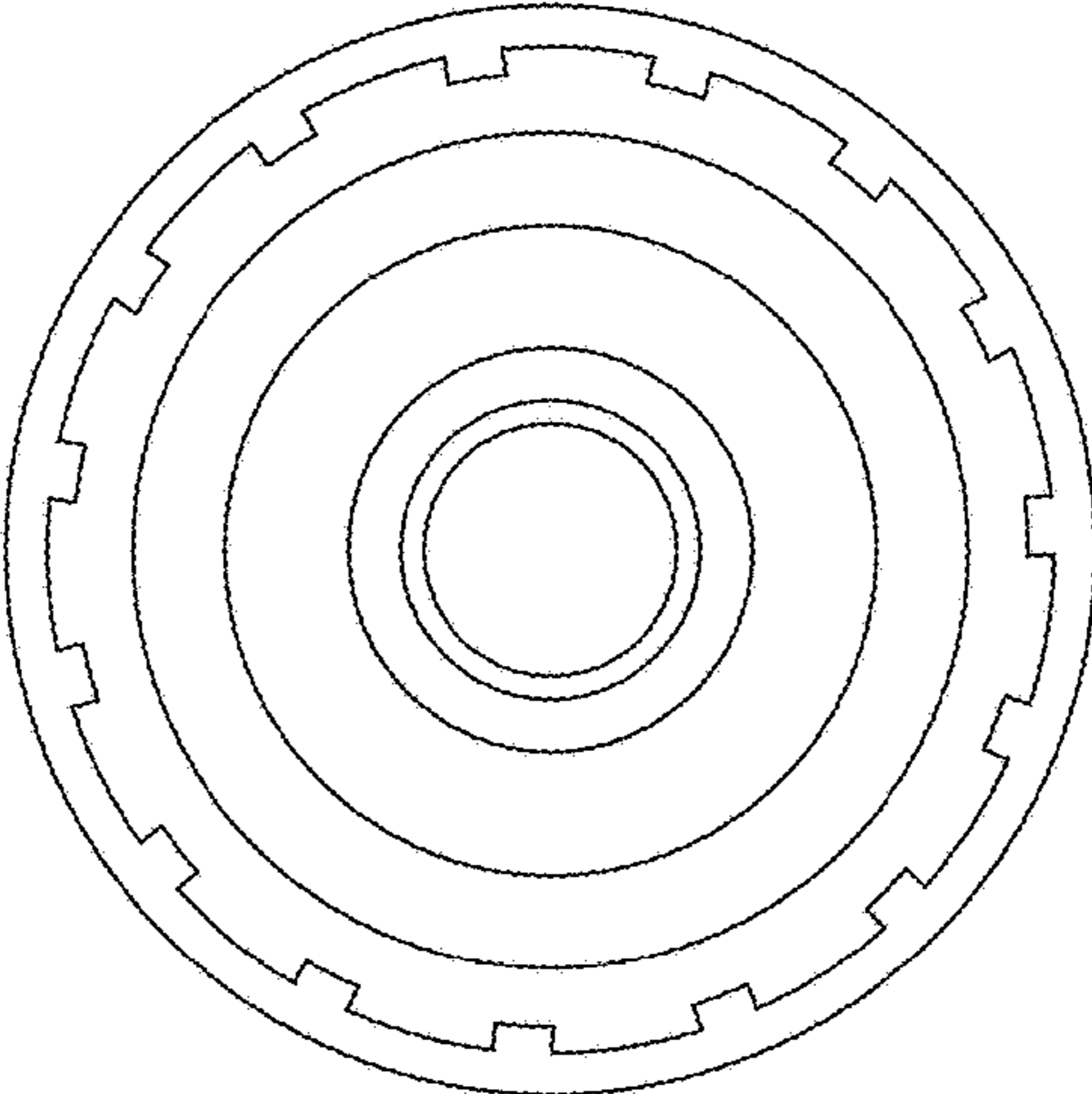


FIG. 2

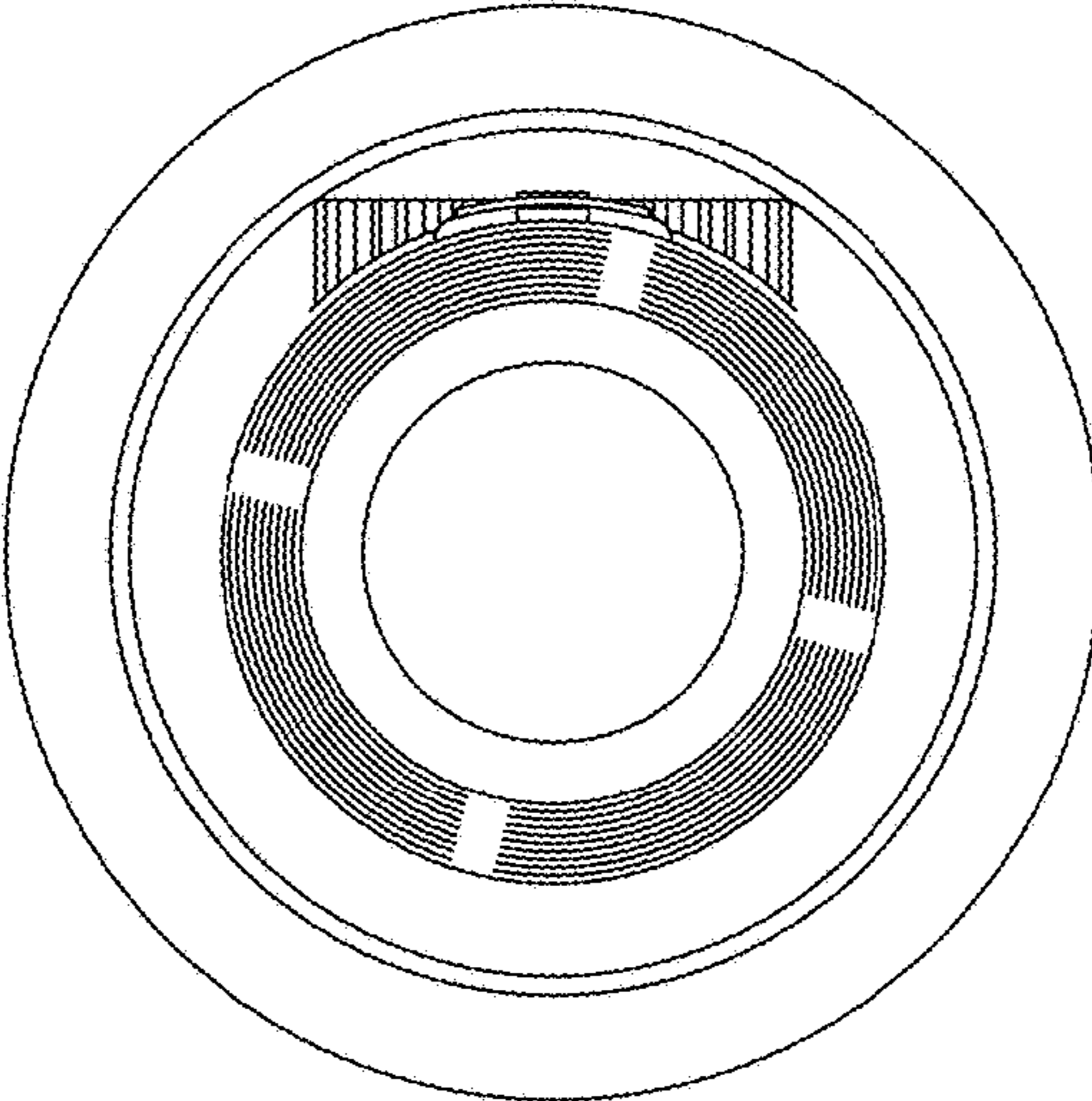


FIG. 3

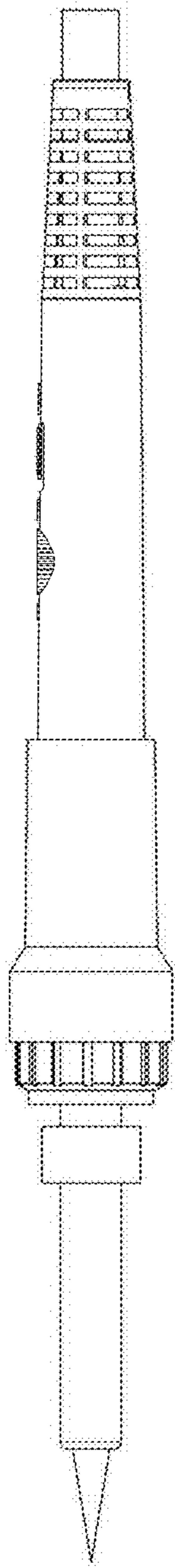


FIG. 4

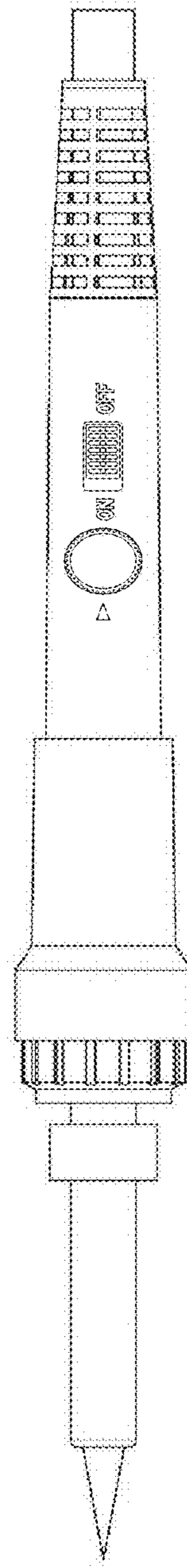


FIG. 5

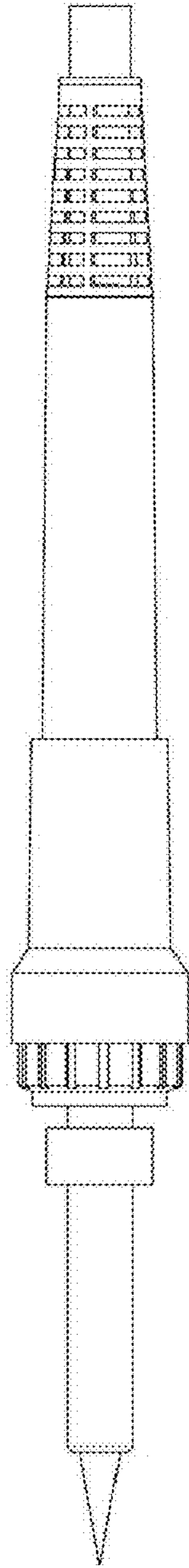


FIG. 6

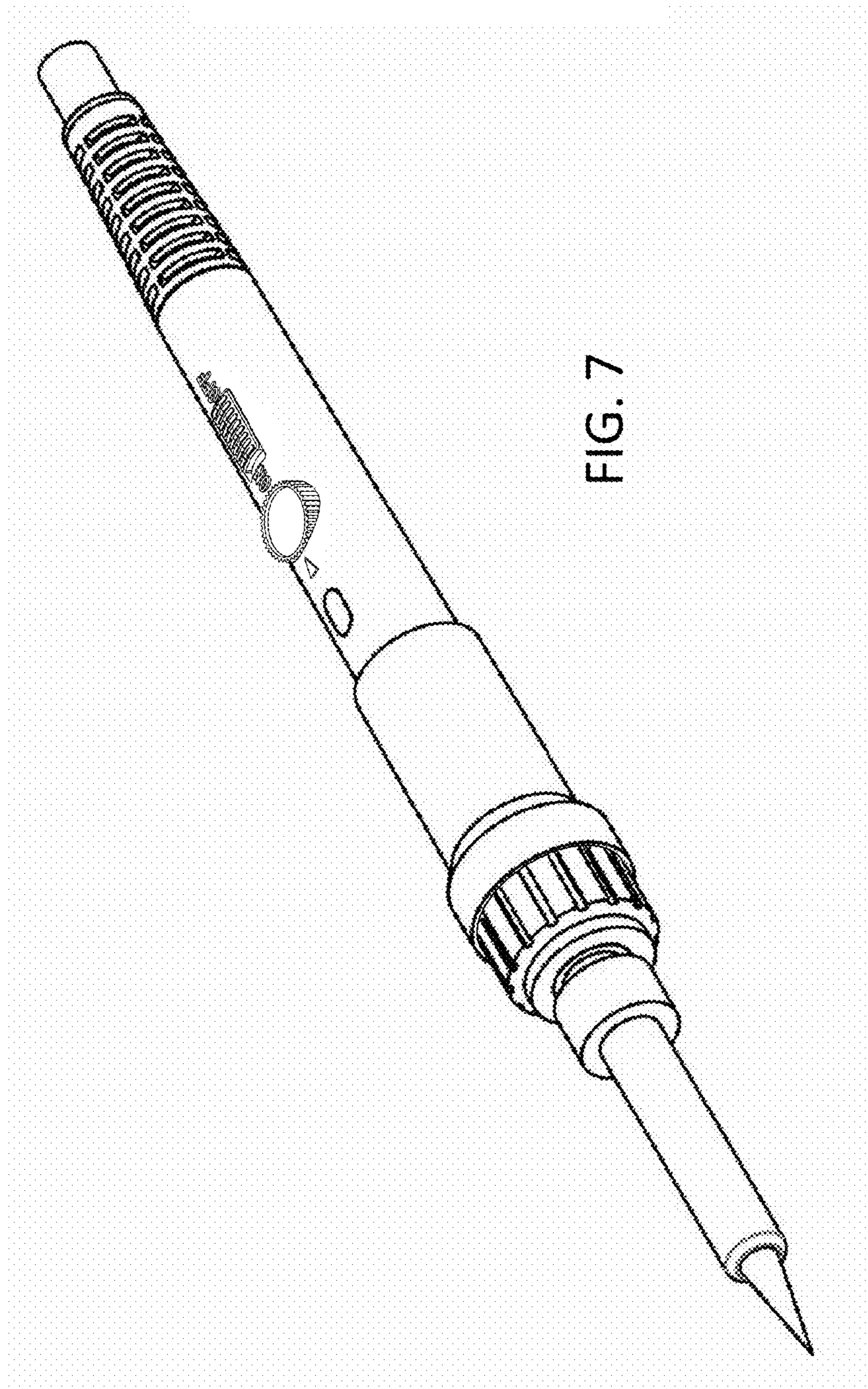


FIG. 7

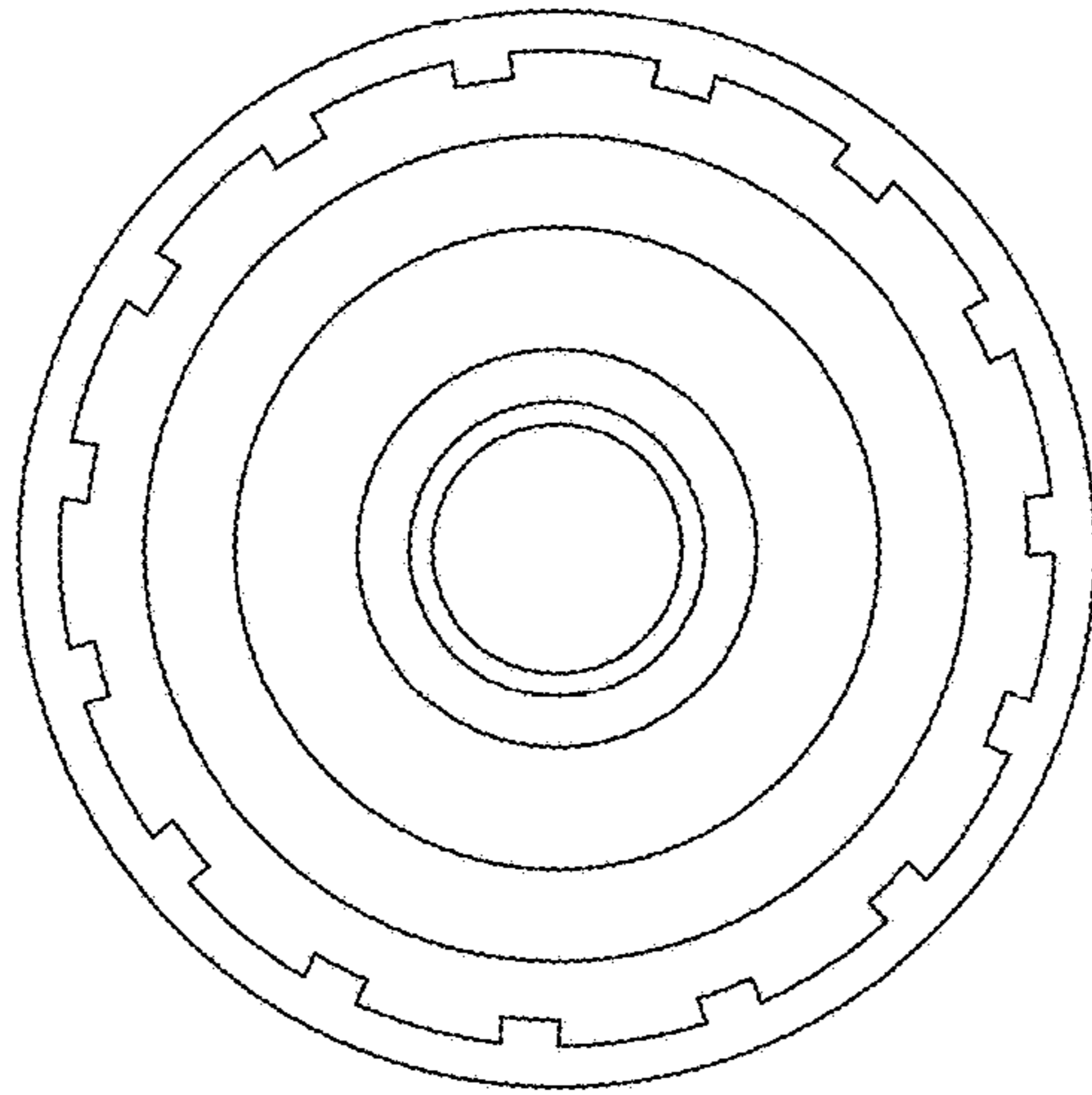


FIG. 8

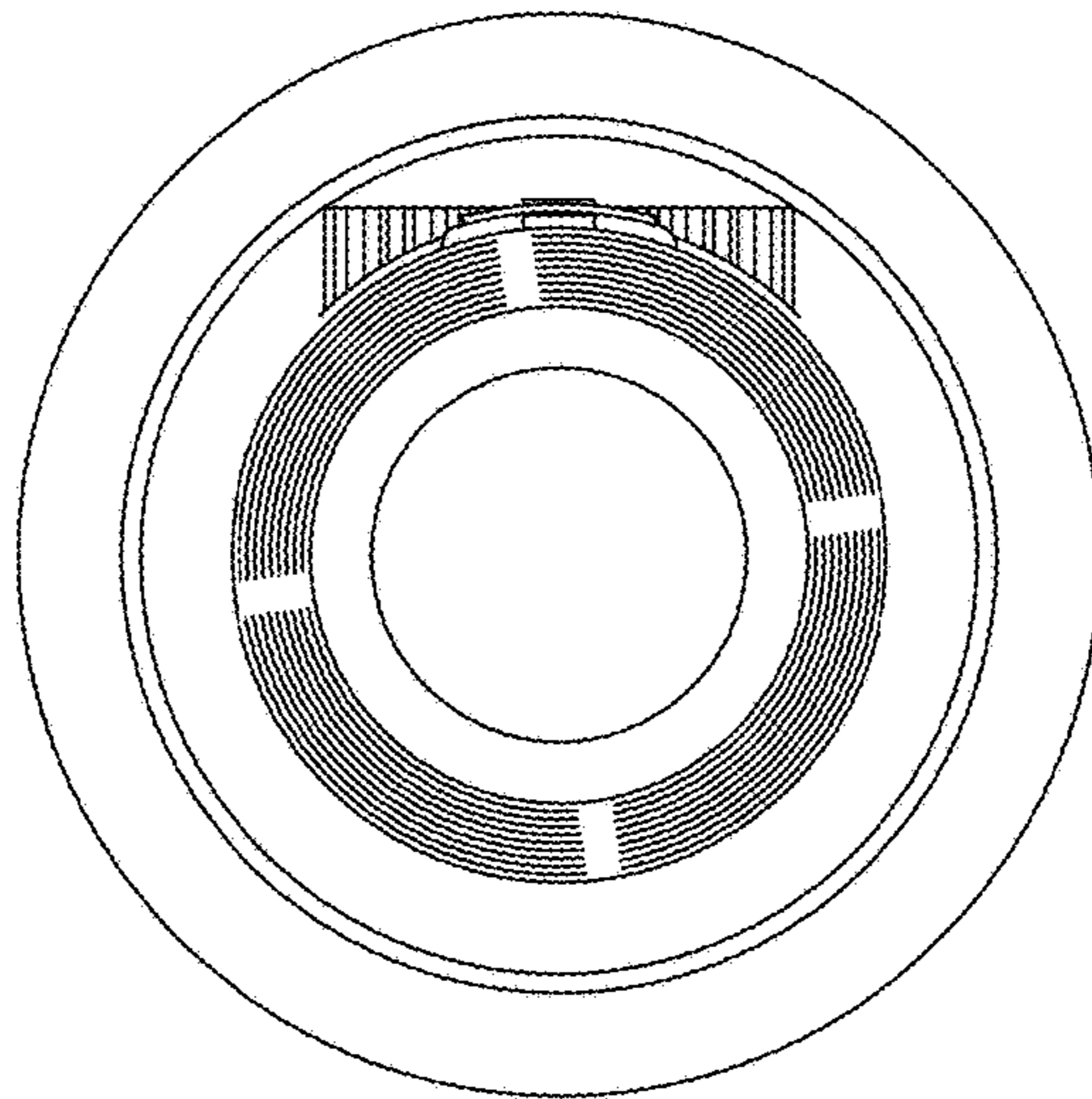


FIG. 9



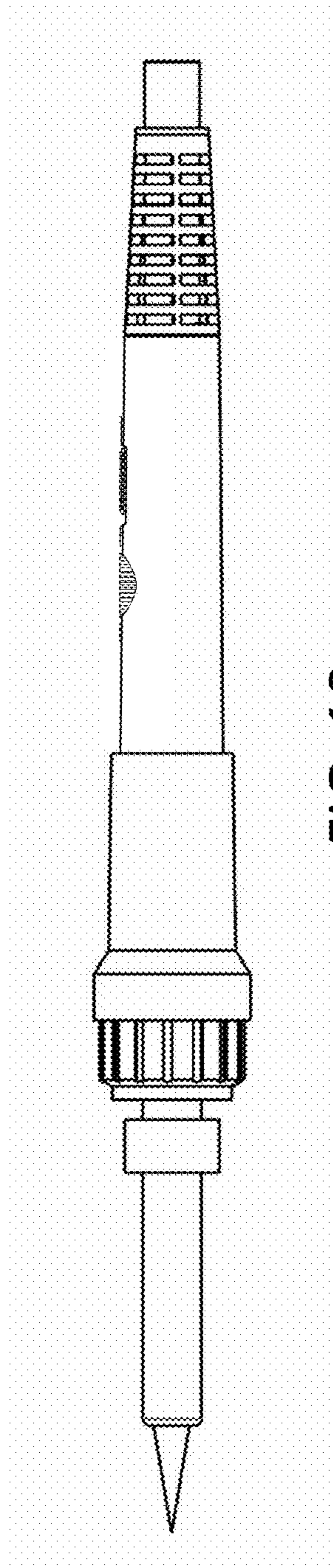


FIG. 10

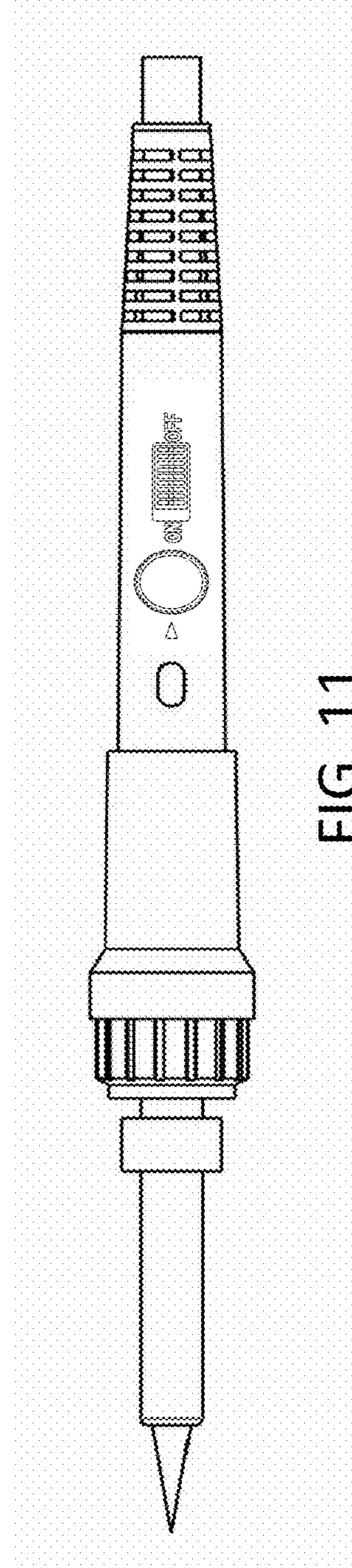


FIG. 11

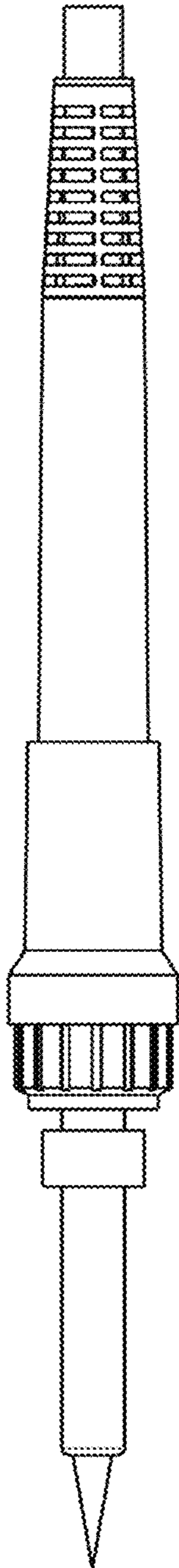


FIG. 12