



US00D770043S

(12) **United States Design Patent** (10) **Patent No.:** **US D770,043 S**
Rozwadowski et al. (45) **Date of Patent:** **** Oct. 25, 2016**

(54) **NEEDLE HUB**

(71) Applicant: **HTL-STREFA SPOLKA AKCYJNA**,
Ozorków (PL)

(72) Inventors: **Marcin Rozwadowski**, Warsaw (PL);
Vincent Leskovich, Dodecanes (GR)

(73) Assignee: **HTL-STREFA SPOLKA AKCYJNA**,
Ozorkow (PL)

(**) Term: **14 Years**

(21) Appl. No.: **29/488,660**

(22) Filed: **Apr. 22, 2014**

(30) **Foreign Application Priority Data**

Oct. 29, 2013 (EM) 002335141-0003

(51) **LOC (10) Cl.** **24-02**

(52) **U.S. Cl.**
USPC **D24/130**

(58) **Field of Classification Search**

USPC D24/127–131, 112–114, 133, 186;
606/181, 185; 604/264, 272, 115, 232,
604/187, 158, 164.08, 192, 263, 163, 181,
604/184, 198, 227; 600/101, 139, 143;
128/200.24, 207.14, 207.15
CPC A61M 39/1011; F16L 37/0841; F16L
2201/20; F16L 2201/60

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D437,052 S * 1/2001 Newsom D24/129
D483,121 S 12/2003 Drewes, Jr. et al.
D494,677 S 8/2004 Garvin
D594,981 S 6/2009 Bierman et al.
D614,296 S 4/2010 Young
D620,591 S 7/2010 Young
D627,880 S 11/2010 Ellis et al.
D627,881 S 11/2010 Ellis et al.
D635,253 S 3/2011 Ellis et al.

D635,254 S 3/2011 Ellis et al.
D638,539 S 5/2011 Ellis et al.
D644,733 S 9/2011 Ellis et al.
D652,939 S * 1/2012 Palizza D24/200
8,137,325 B2 * 3/2012 Klint A61M 5/347
604/240
D659,254 S * 5/2012 Miyashita D24/216
8,241,257 B2 * 8/2012 Wei A61M 5/2466
604/200
D668,954 S * 10/2012 Walter D9/440
D675,316 S 1/2013 Klint et al.
8,608,710 B2 * 12/2013 Zhao A61M 5/329
604/115
D720,452 S * 12/2014 Jordan D24/130
D725,284 S * 3/2015 Karlsson D24/169
9,101,724 B2 * 8/2015 Chapin A61M 5/002
2010/0063457 A1 3/2010 Crossman
2010/0234811 A1 * 9/2010 Schubert A61M 5/326
604/198
2012/0071835 A1 3/2012 Marshall et al.
2012/0165745 A1 * 6/2012 Nielsen A61M 5/3202
604/192
2014/0188046 A1 * 7/2014 DiBiasi A61M 5/3293
604/111

* cited by examiner

Primary Examiner — David Muller

Assistant Examiner — Nathan Johnston

(74) *Attorney, Agent, or Firm* — Wentsler LLC

(57) **CLAIM**

The ornamental design for a needle hub, as shown and described.

DESCRIPTION

FIG. 1 is a bottom plan view of a needle hub, showing our new design;

FIG. 2 is a top plan view of the needle hub of FIG. 1;

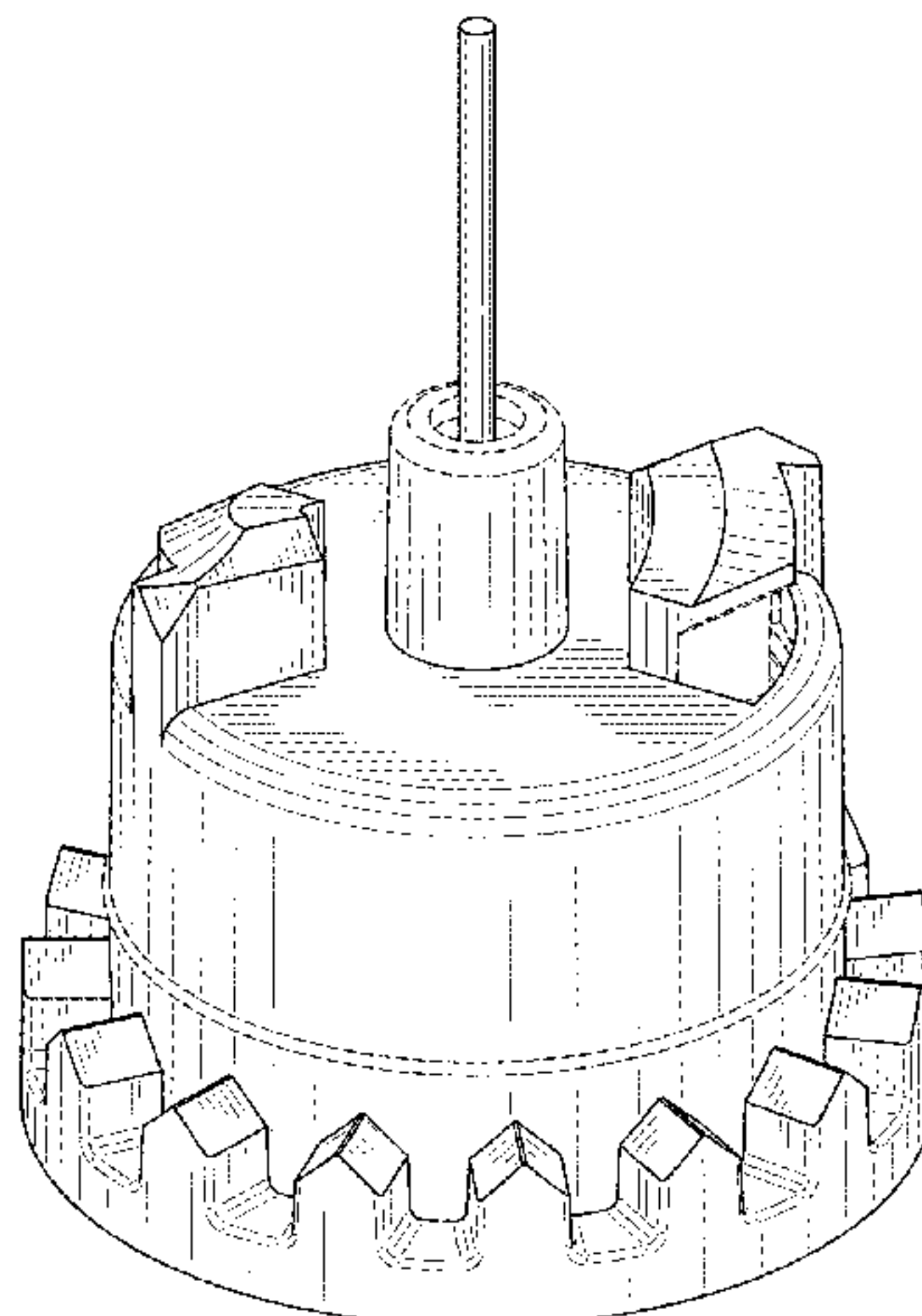
FIG. 3 is a right side view of the needle hub of FIG. 1;

FIG. 4 is a front view of the needle hub of FIG. 1; and,

FIG. 5 is a front and top perspective view of the needle hub of FIG. 1.

The broken lines shown in the drawings are for the purpose of use and/or environment and forms no part of the claimed design.

1 Claim, 5 Drawing Sheets



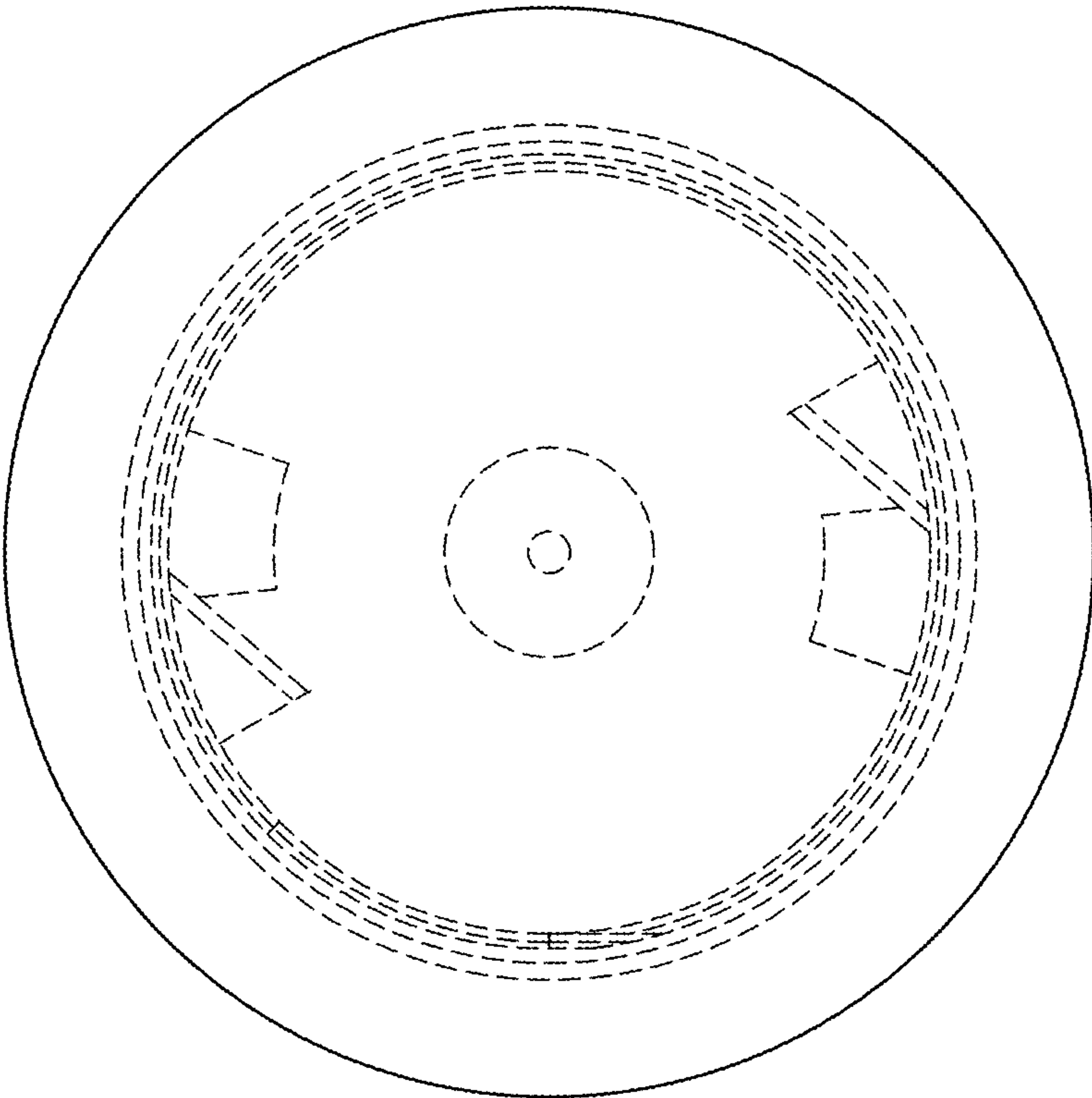


FIG. 1

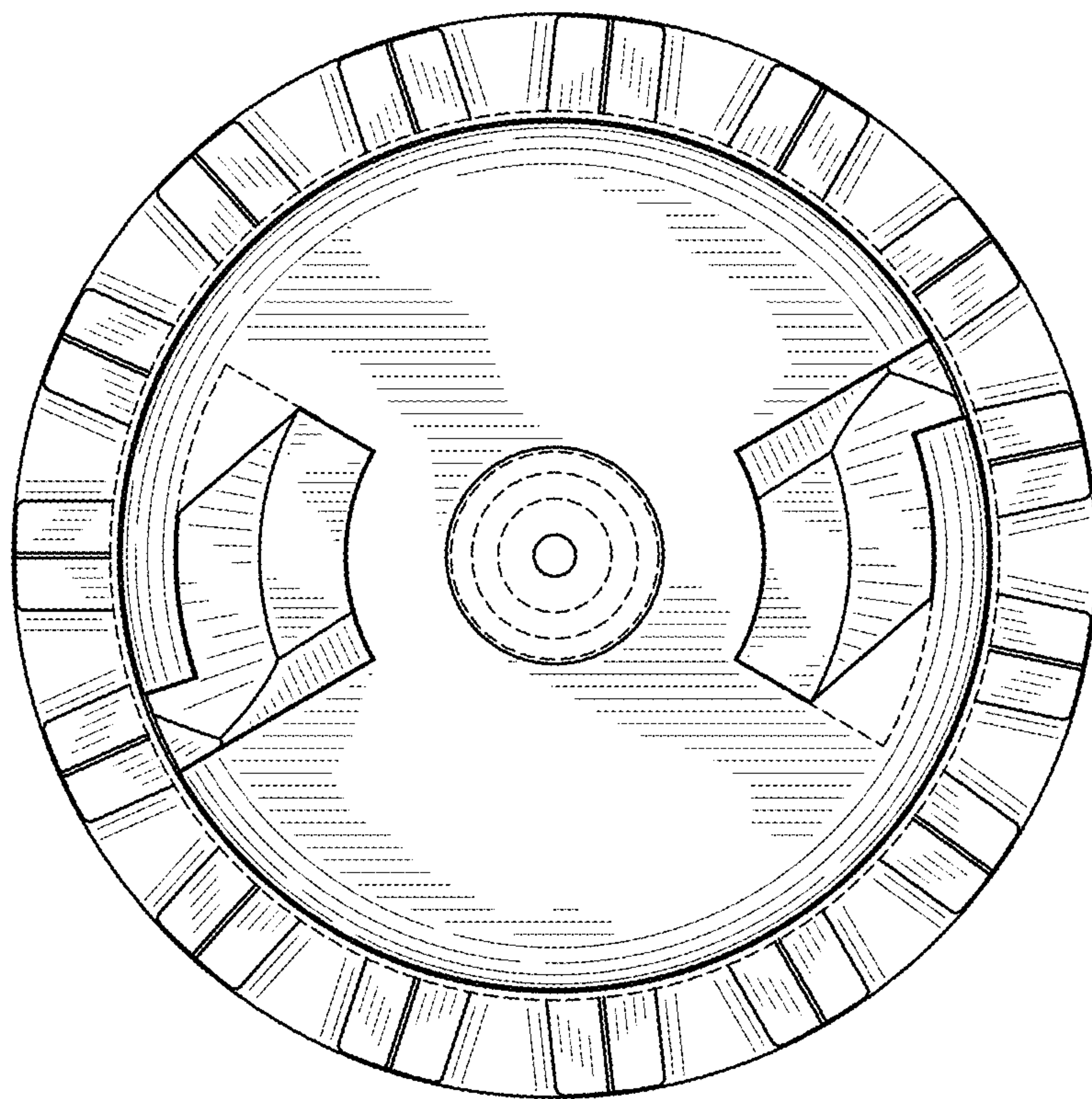


FIG. 2

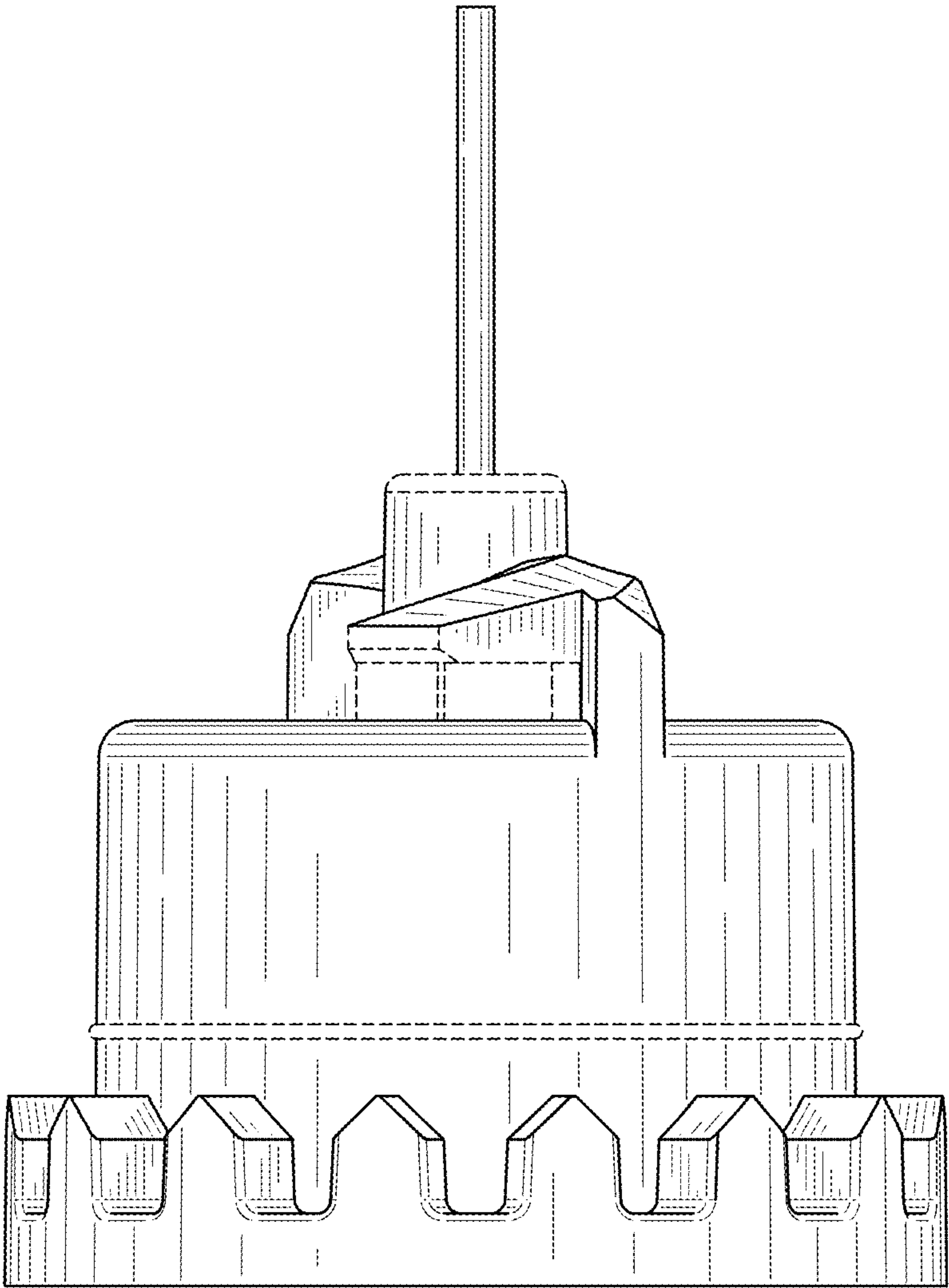


FIG. 3

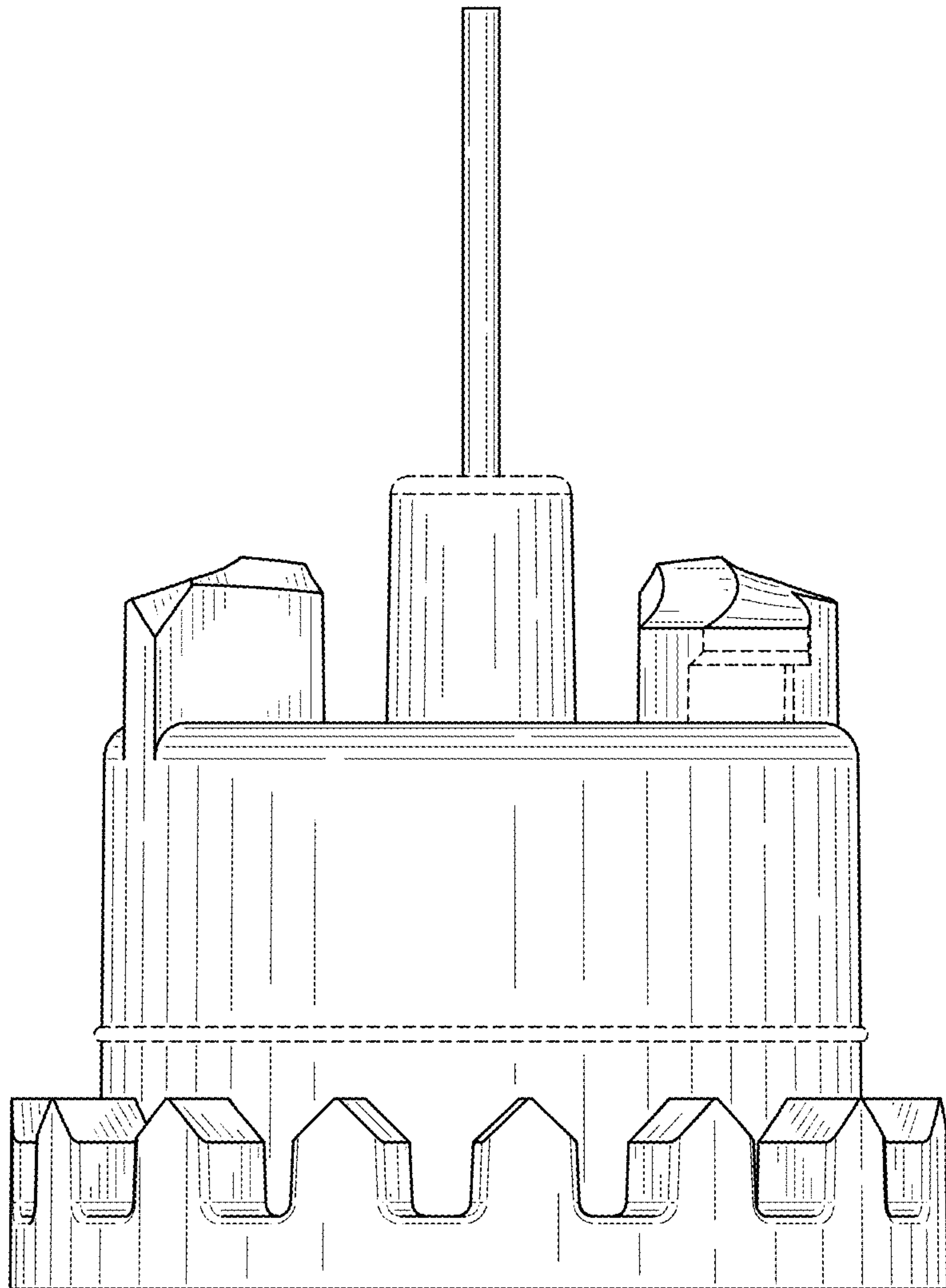


FIG. 4

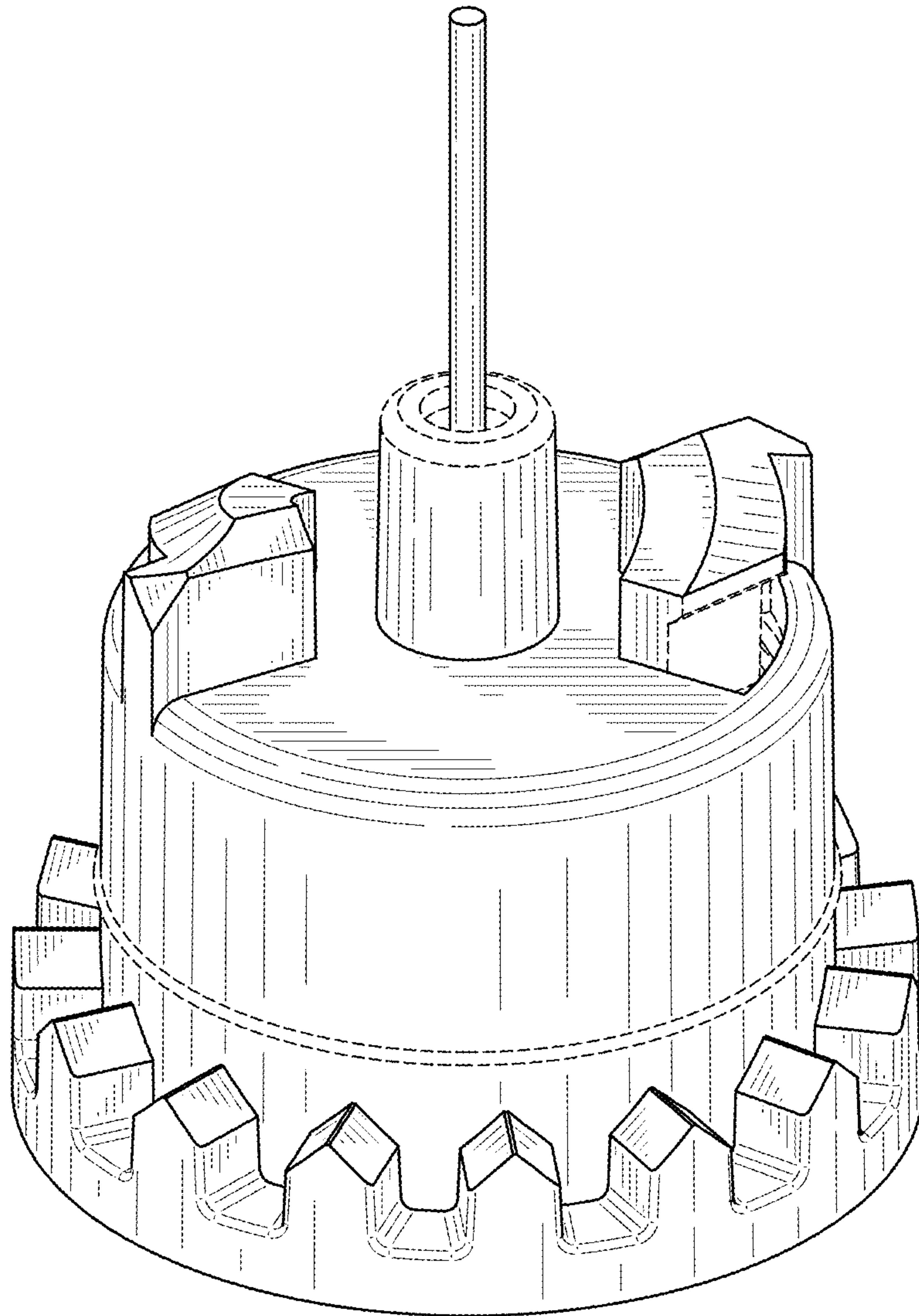


FIG. 5