



US00D453214S

(12) **United States Design Patent**
Komatsubara et al.

(10) **Patent No.:** **US D453,214 S**
(45) **Date of Patent:** **** Jan. 29, 2002**

(54) **GEAR FOR DRIVING THE SLIDE DOOR OF AIR CONDITIONER**

5,363,714 A * 11/1994 Hoguchi 74/432
6,076,304 A * 6/2000 Carrier
6,129,627 A * 10/2000 Jankowski et al.

(75) Inventors: **Toshio Komatsubara; Katsumi Uehara**, both of Tokyo (JP)

OTHER PUBLICATIONS

(73) Assignee: **Calsonic Kansei Corporation**, Tokyo (JP)

Sterling Master Instrument Catalog 82; copyright 1977, gears on pp. 236 and 237.*

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

* cited by examiner

(21) Appl. No.: **29/121,124**

Primary Examiner—B. J. Bullock

(22) Filed: **Apr. 4, 2000**

(74) *Attorney, Agent, or Firm*—Sughrue Mion, PLLC

(30) **Foreign Application Priority Data**

(57) **CLAIM**

Oct. 18, 1999 (JP) 11-28154
Oct. 18, 1999 (JP) 11-28155

The ornamental design for a gear for driving the slide door of air conditioner, as shown and described.

(51) **LOC (7) Cl.** **23-04**

DESCRIPTION

(52) **U.S. Cl.** **D23/354**

FIG. 1 is a perspective view of the top, front and one side of a gear for driving the slide door of air conditioner showing our new design;

(58) **Field of Search** D23/351, 354, D23/386, 387, 391, 392; D15/199; 165/41, 43; 49/41, 40, 275, 350, 353, 336, 361, 362, 341; 454/143, 152, 154, 155, 284, 313, 316, 330, 334; 74/431, 432, 437, 467

FIG. 2 is a front elevational view thereof;

FIG. 3 is a top plan view thereof;

FIG. 4 is a bottom plan view thereof;

FIG. 5 is a side elevational view of one side thereof, the opposite side being a mirror image thereof; and,

FIG. 6 is a rear elevational view thereof.

(56) **References Cited**

U.S. PATENT DOCUMENTS

4,193,321 A * 3/1980 King 74/432

1 Claim, 1 Drawing Sheet

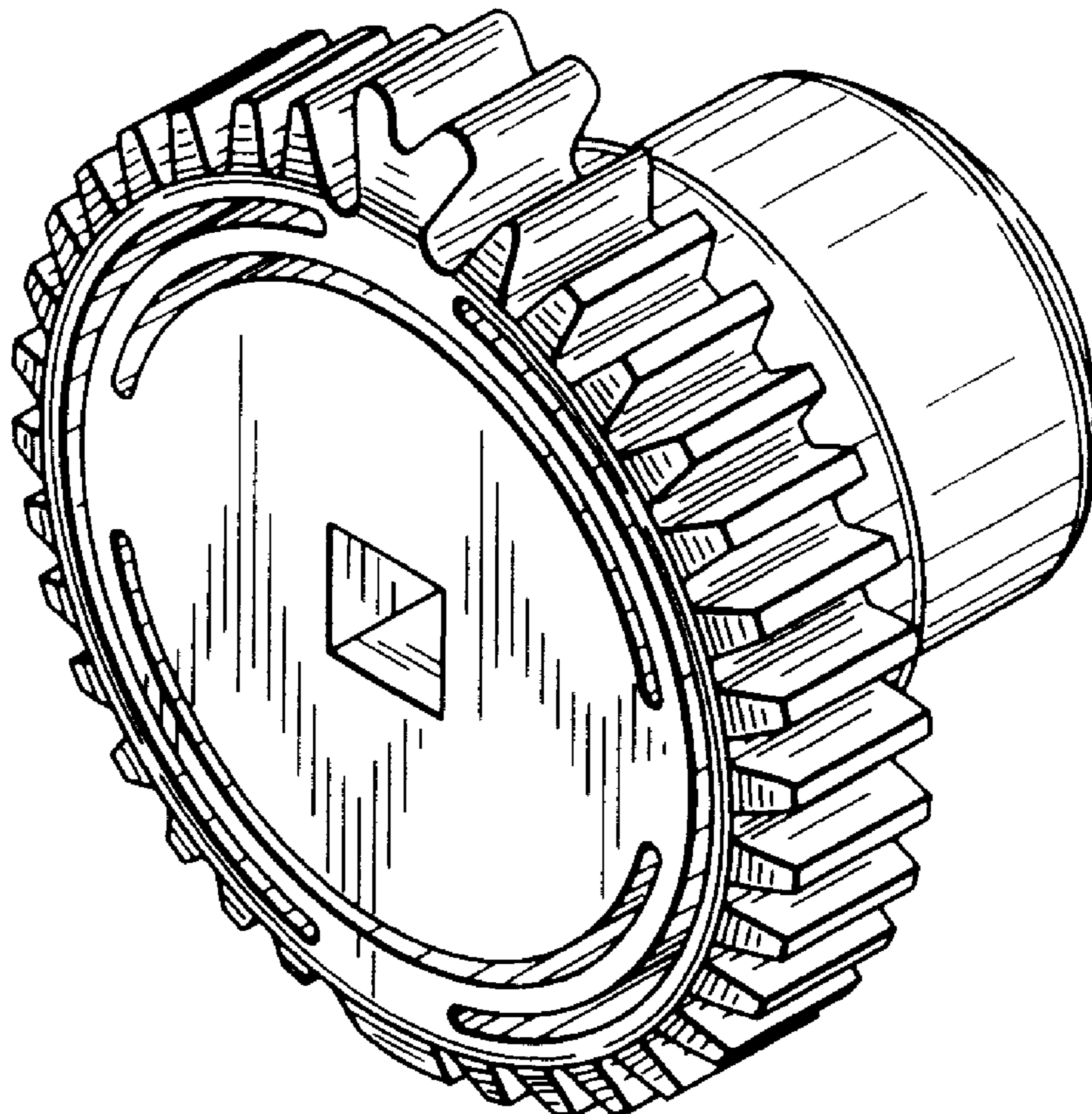


FIG. 1

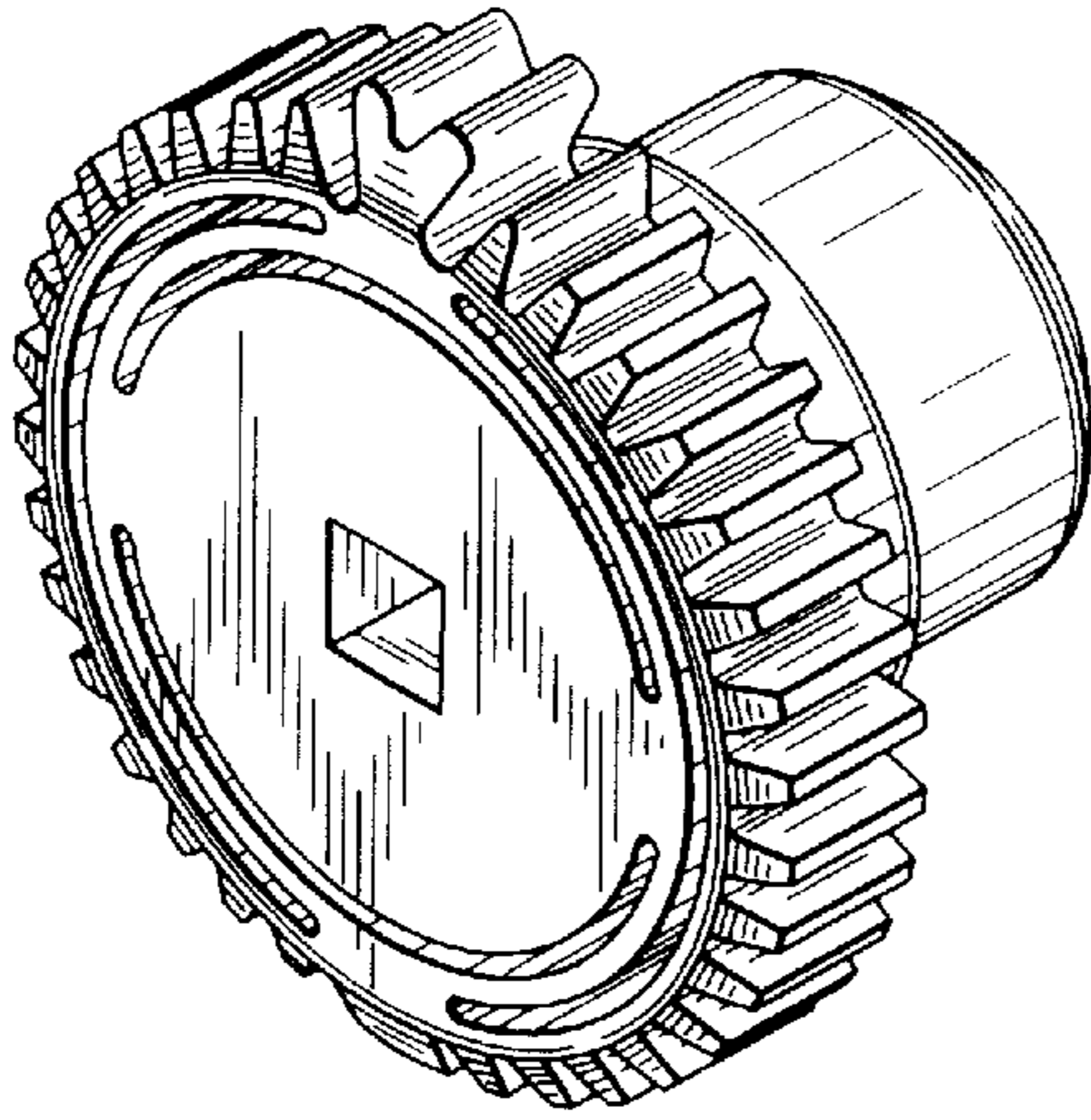


FIG. 2

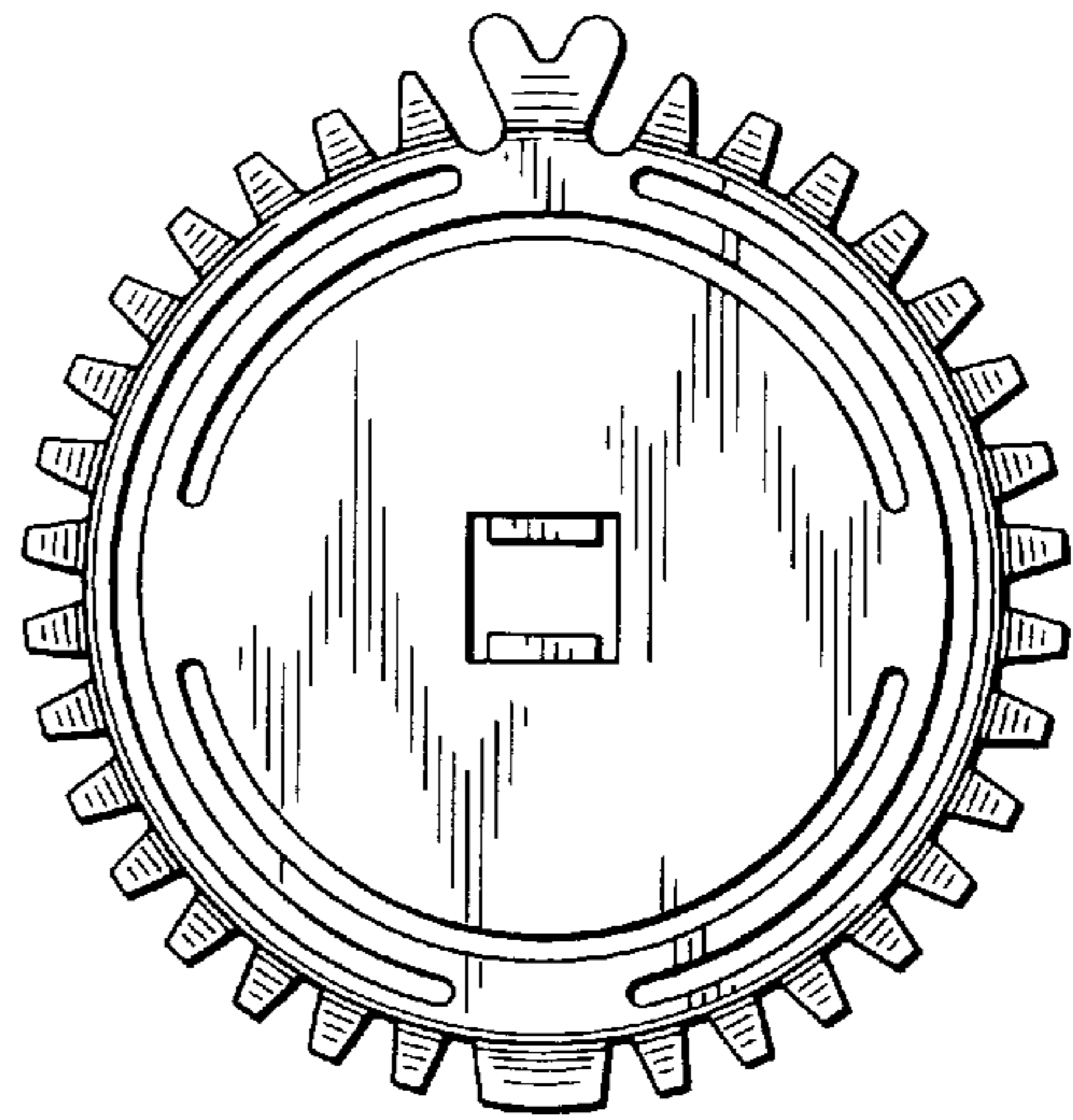


FIG. 3

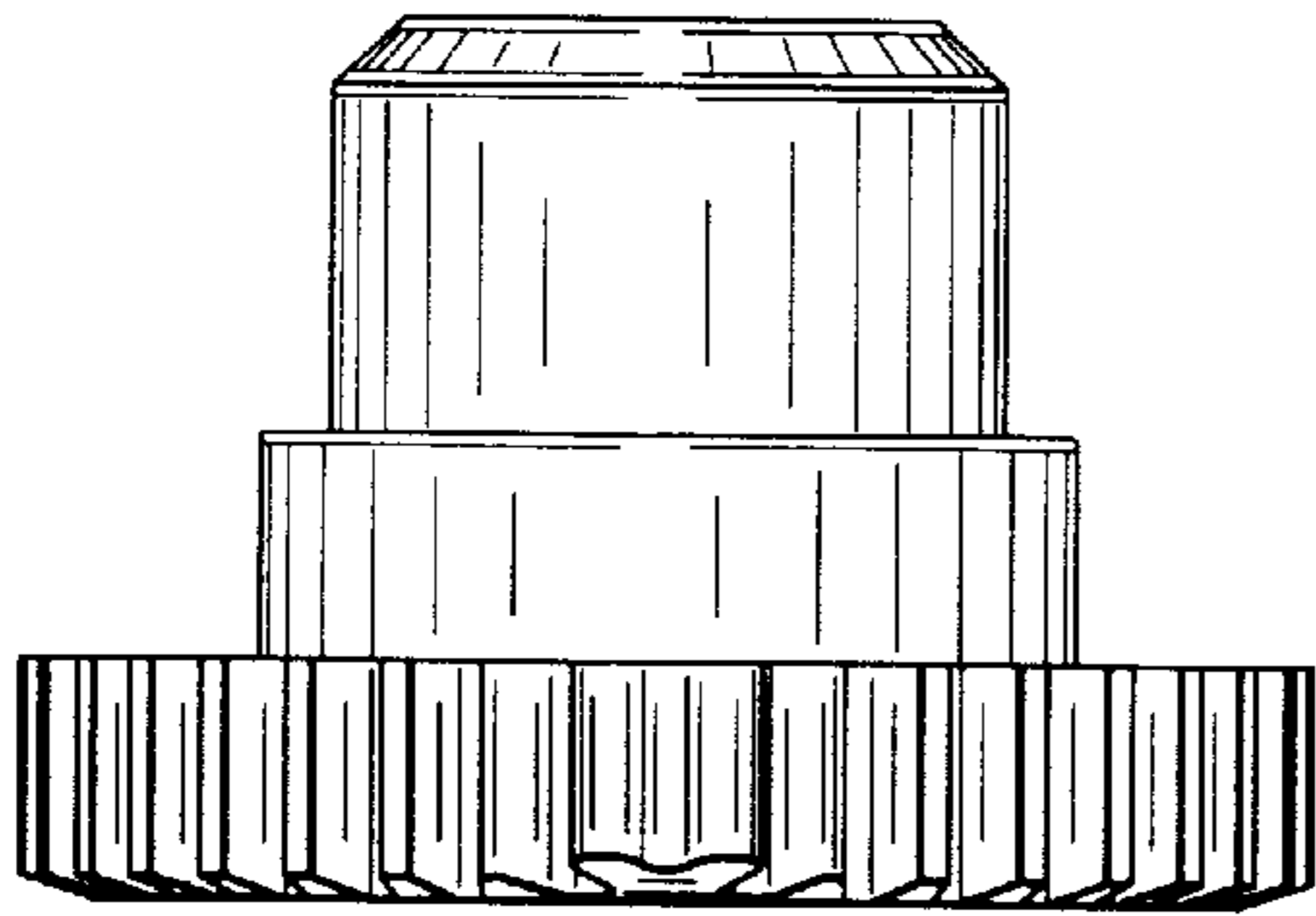


FIG. 4

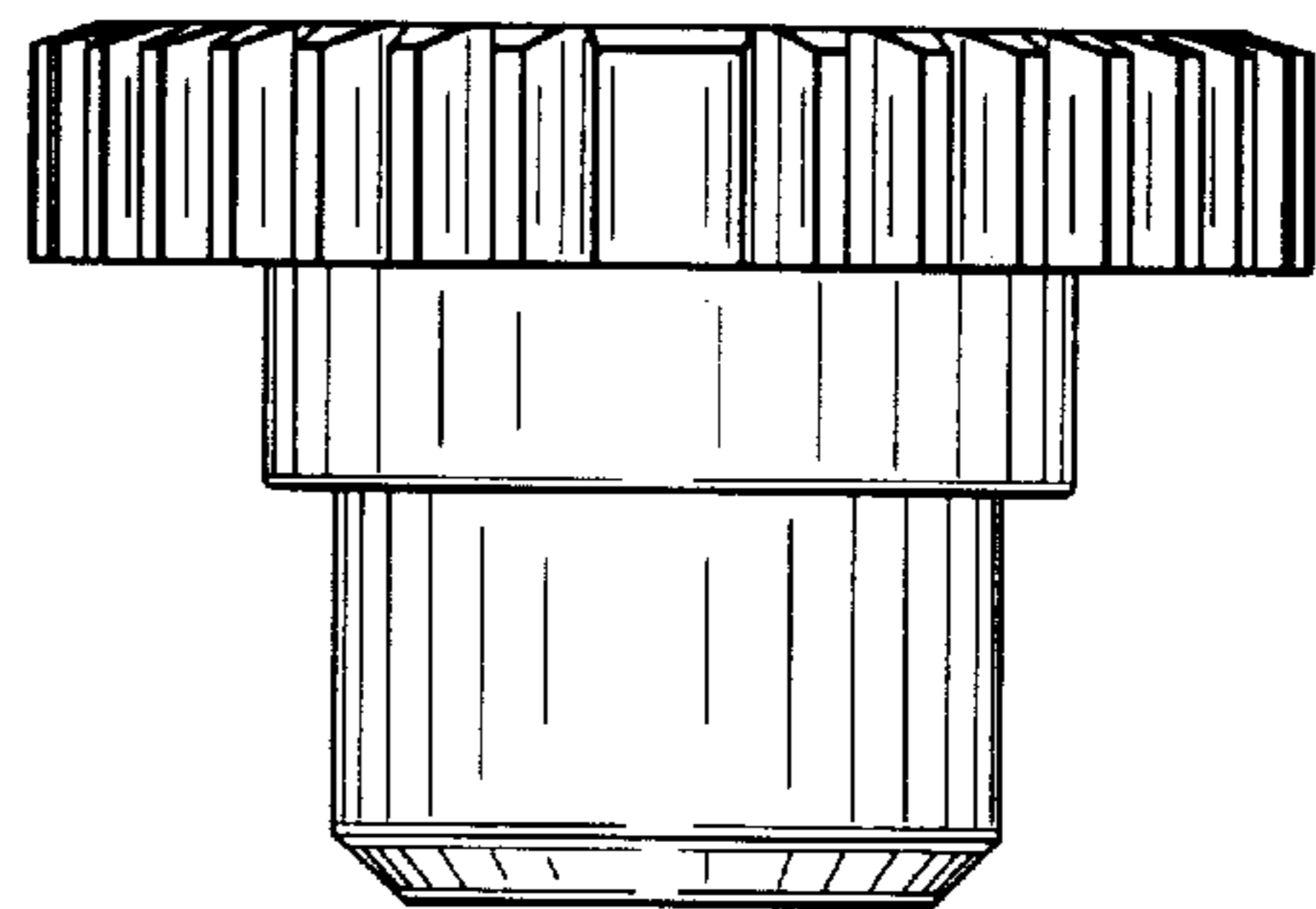


FIG. 5

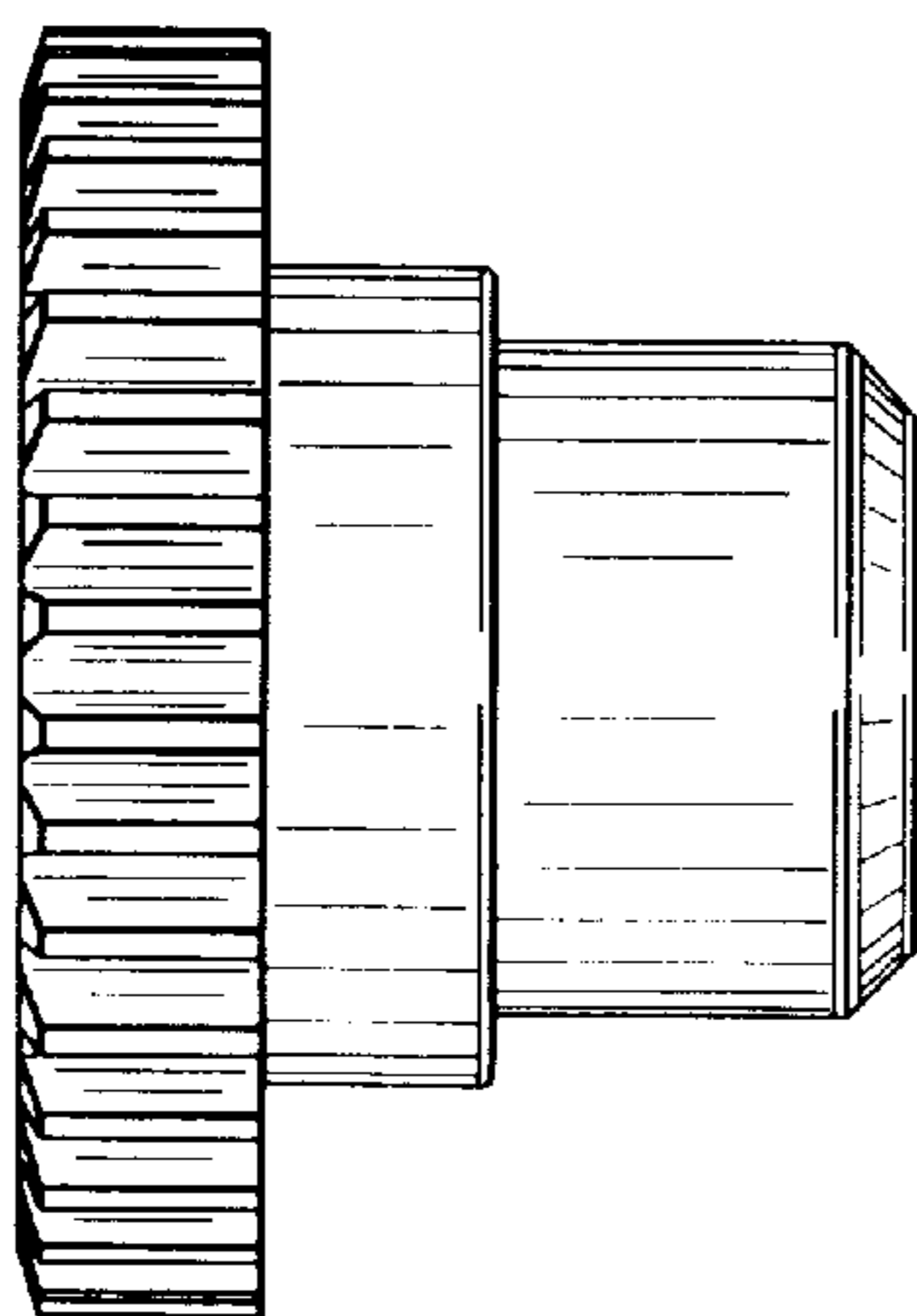


FIG. 6

