



US0D1101069S

(12)

United States Design Patent

Perez et al.

(10)

Patent No.:

US D1,101,069 S

(45)

Date of Patent:

** Nov. 4, 2025

(54) MODEL VEHICLE PINION GEAR

(71) Applicant: TRAXXAS, L.P., McKinney, TX (US)

(72) Inventors: Randy Perez, McKinney, TX (US);
Kent Poteet, Lucas, TX (US); Adam
Cole Ewing, McKinney, TX (US); Otto
Karl Allmendinger, Rowlett, TX (US);
Terry Soward, Van Alstyne, TX (US)

(73) Assignee: TRAXXAS, L.P., McKinney, TX (US)

(**) Term: 15 Years

(21) Appl. No.: 29/944,904

(22) Filed: May 30, 2024

(51) LOC (15) Cl. 21-01

(52) U.S. Cl. USPC D21/561; D21/533; D21/562

(58) Field of Classification Search

USPC D21/561, 533, 562, 565, 424, 595, 495,
D21/489, 491, 483, 563; D12/195

CPC A63H 17/262; A63H 18/08

See application file for complete search history.

(56) References Cited

U.S. PATENT DOCUMENTS

D349,736 S	*	8/1994	Hatting	D21/563
D364,199 S	*	11/1995	Schmidt	D21/563
D367,897 S	*	3/1996	Schmidt	D21/486
D618,720 S	*	6/2010	Wasai	D18/43
D620,522 S	*	7/2010	Amano	D18/43
D667,049 S	*	9/2012	Park	D18/43
D677,718 S	*	3/2013	Huck	G03G 21/186
				D18/43
D706,340 S	*	6/2014	Lee	D18/43
D816,136 S	*	4/2018	Karol	D15/21
D880,989 S	*	4/2020	Hashimoto	D8/360
D931,919 S	*	9/2021	Karol	D15/148
D955,488 S	*	6/2022	Nachmias	D21/333

(Continued)

FOREIGN PATENT DOCUMENTS

CN	304706124	*	6/2018
GB	6408546	*	12/2024
KR	3002884140000	*	12/2001

OTHER PUBLICATIONS

Traxxas Website, Traxxas Pinion Gear, No Available Date[Website
Visited Sep. 16, 2025], Available on the Internet URL <https://traxxas.com/10579-differential-ring-and-pinion-gear> (Year: 2025).*

(Continued)

Primary Examiner — Michael C Stout

Assistant Examiner — James T Tyree

(74) Attorney, Agent, or Firm — Daryl R. Wright; Greg Carr

(57) CLAIM

The ornamental design for a model vehicle pinion gear as shown and described.

DESCRIPTION

FIG. 1 is an upper, left, front perspective view of a model vehicle pinion gear showing our new design;

FIG. 2 is an upper, right, rear perspective view thereof;

FIG. 3 is a lower, right, front perspective view thereof;

FIG. 4 is a lower, left, rear perspective view thereof;

FIG. 5 is a front elevation view thereof;

FIG. 6 is a rear elevation view thereof;

FIG. 7 is an upper plan view thereof;

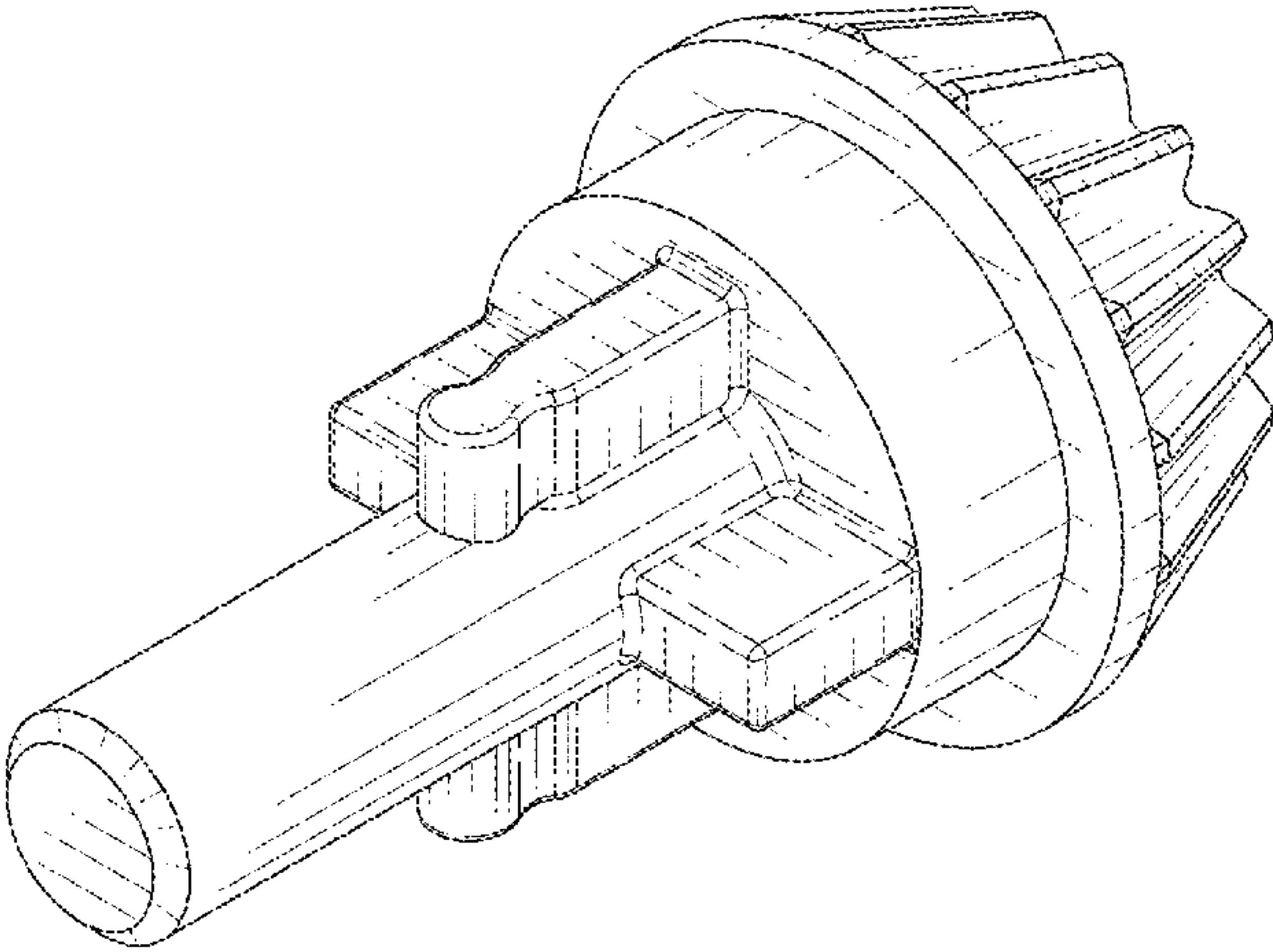
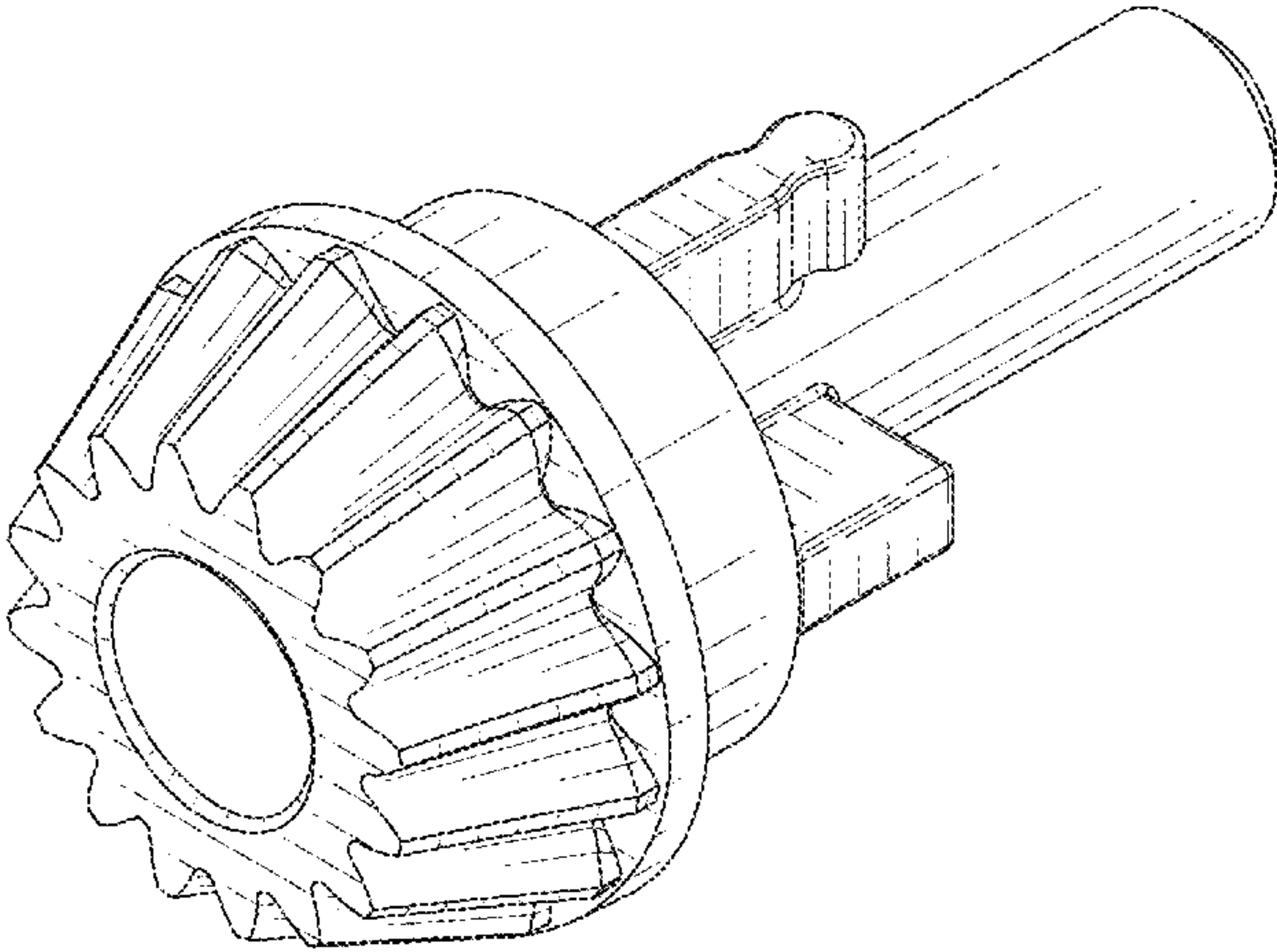
FIG. 8 is a lower plan view thereof;

FIG. 9 is a right-side elevation view thereof; and,

FIG. 10 is a left-side elevation view of the model vehicle pinion gear.

In the drawings, the broken lines illustrate portions of the model vehicle pinion gear that form no part of the claimed design.

1 Claim, 7 Drawing Sheets



References Cited

2002/0177503 A1* 11/2002 Beyerlein F16H 55/14
475/331

Amazon Website, Traxxas Pinion Gear, Apr. 28, 2016[Website Visited Sep. 16, 2025], Available on the Internet URL <https://www.amazon.com/dp/B01A6Z09O0/> (Year: 2016).*

Walmart Website, Traxxas Pinion Gear, No Available Date[Website Visited Sep. 16, 2025], Available on the Internet URL <https://www.walmart.com/ip/673846442> (Year: 2025).*

* cited by examiner

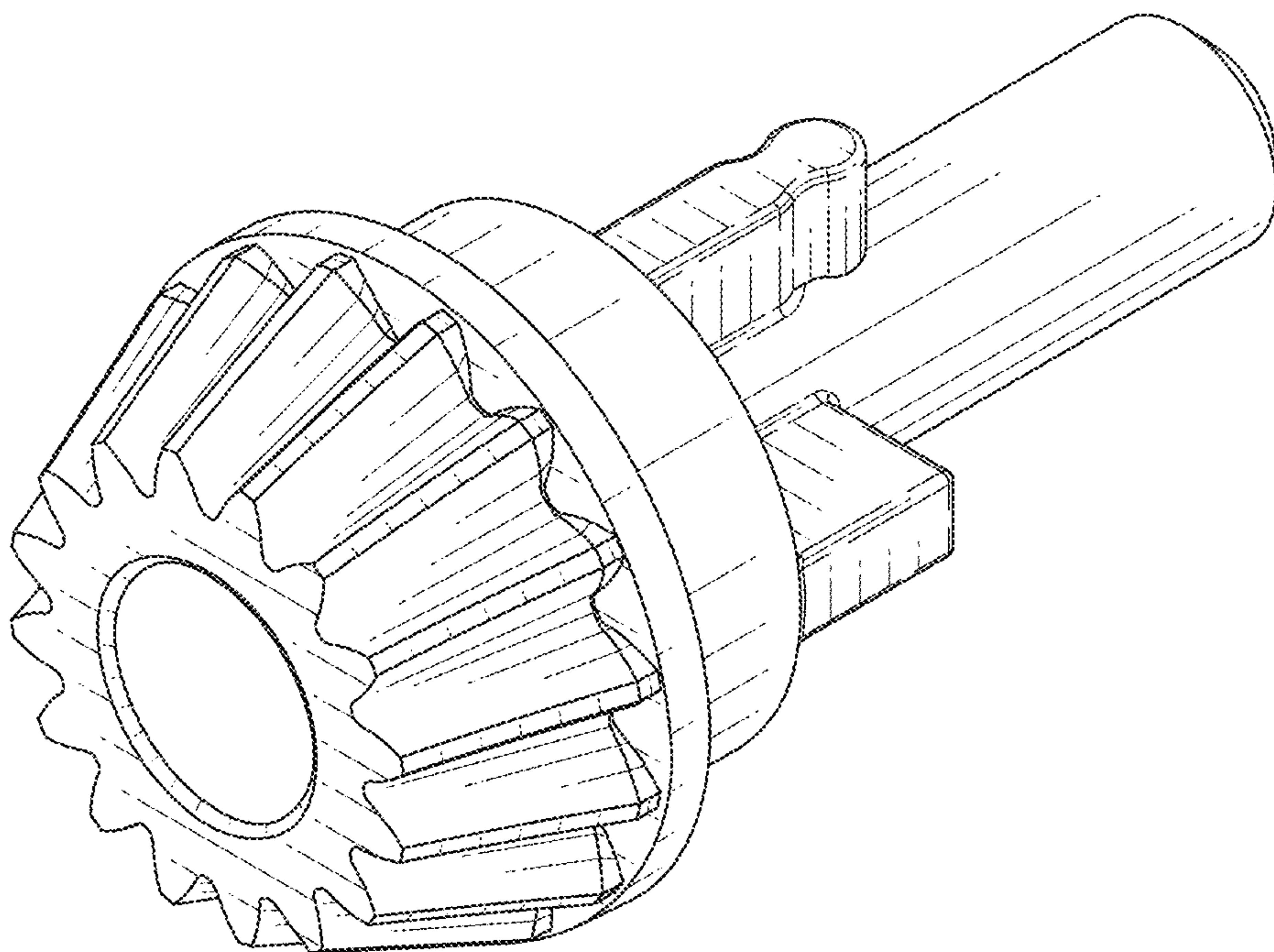


FIG. 1

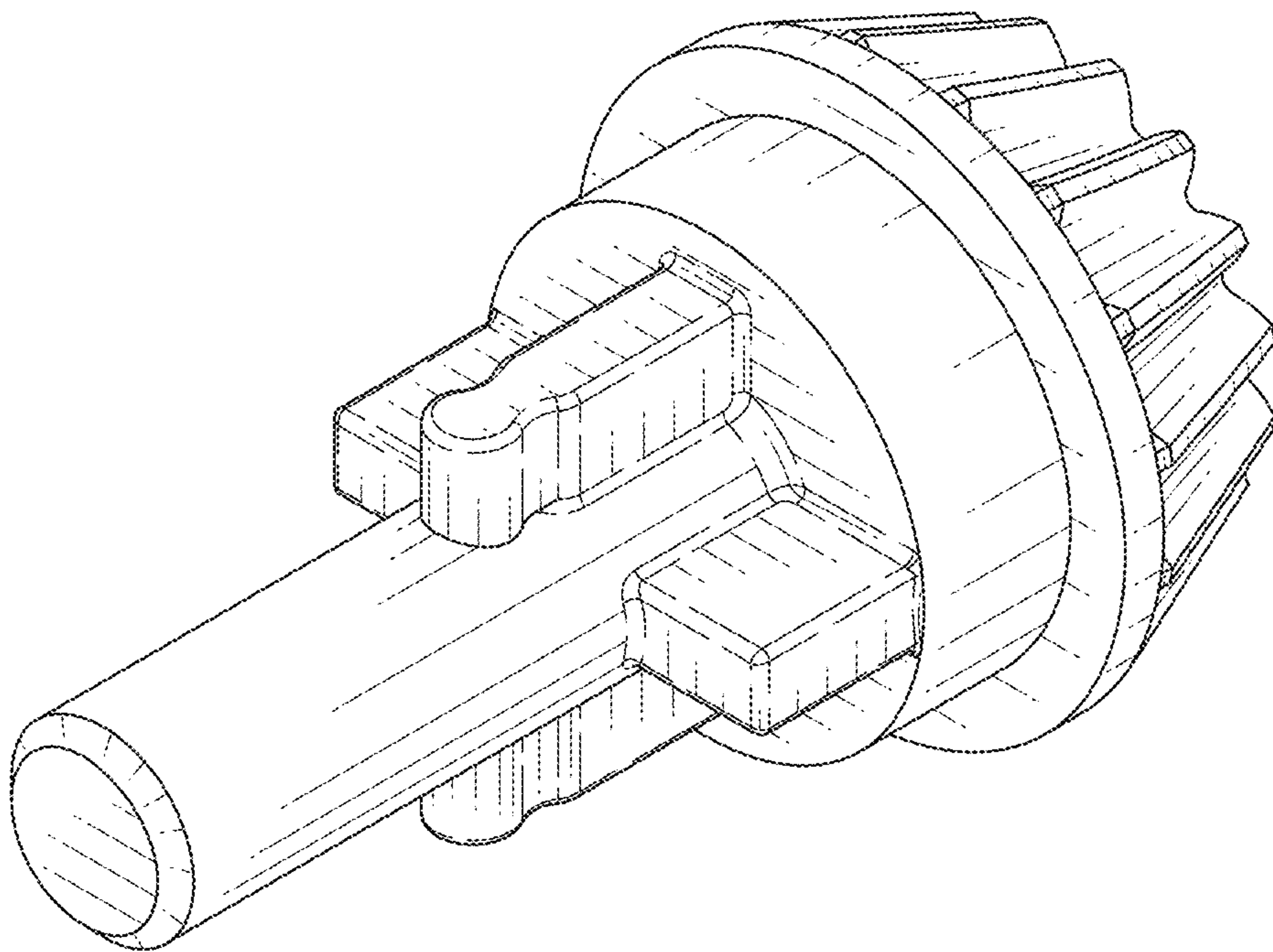


FIG. 2

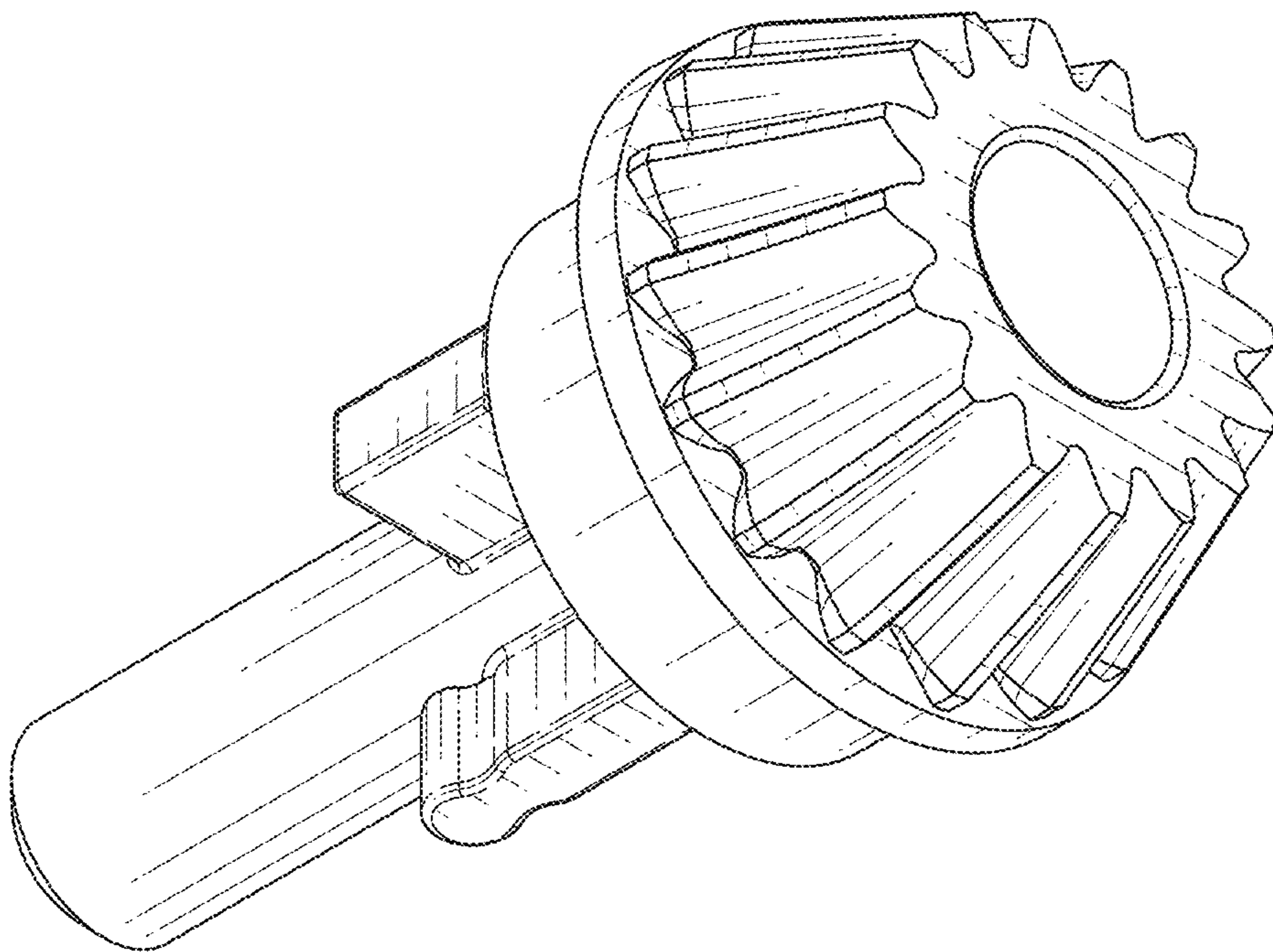


FIG. 3

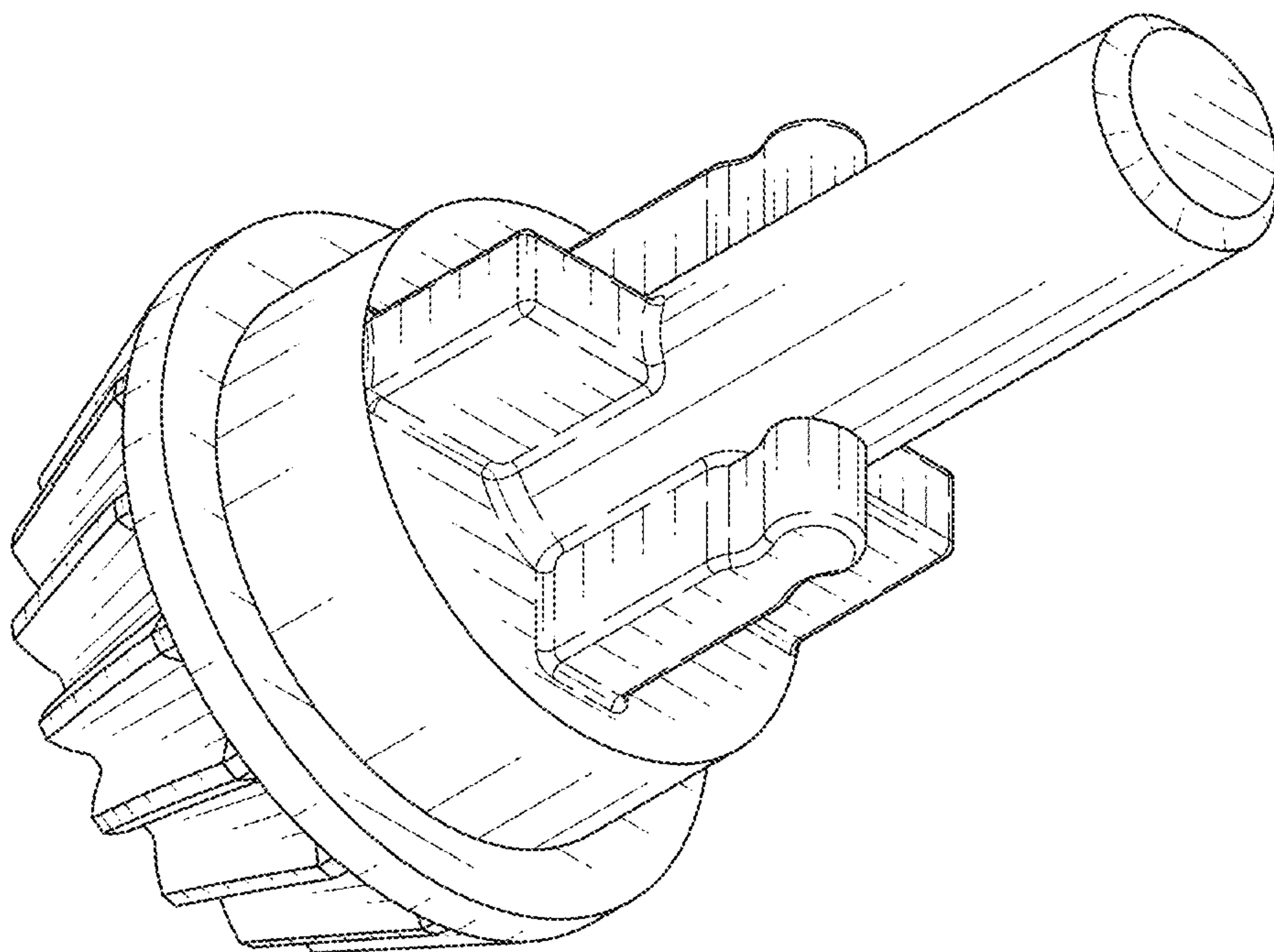


FIG. 4

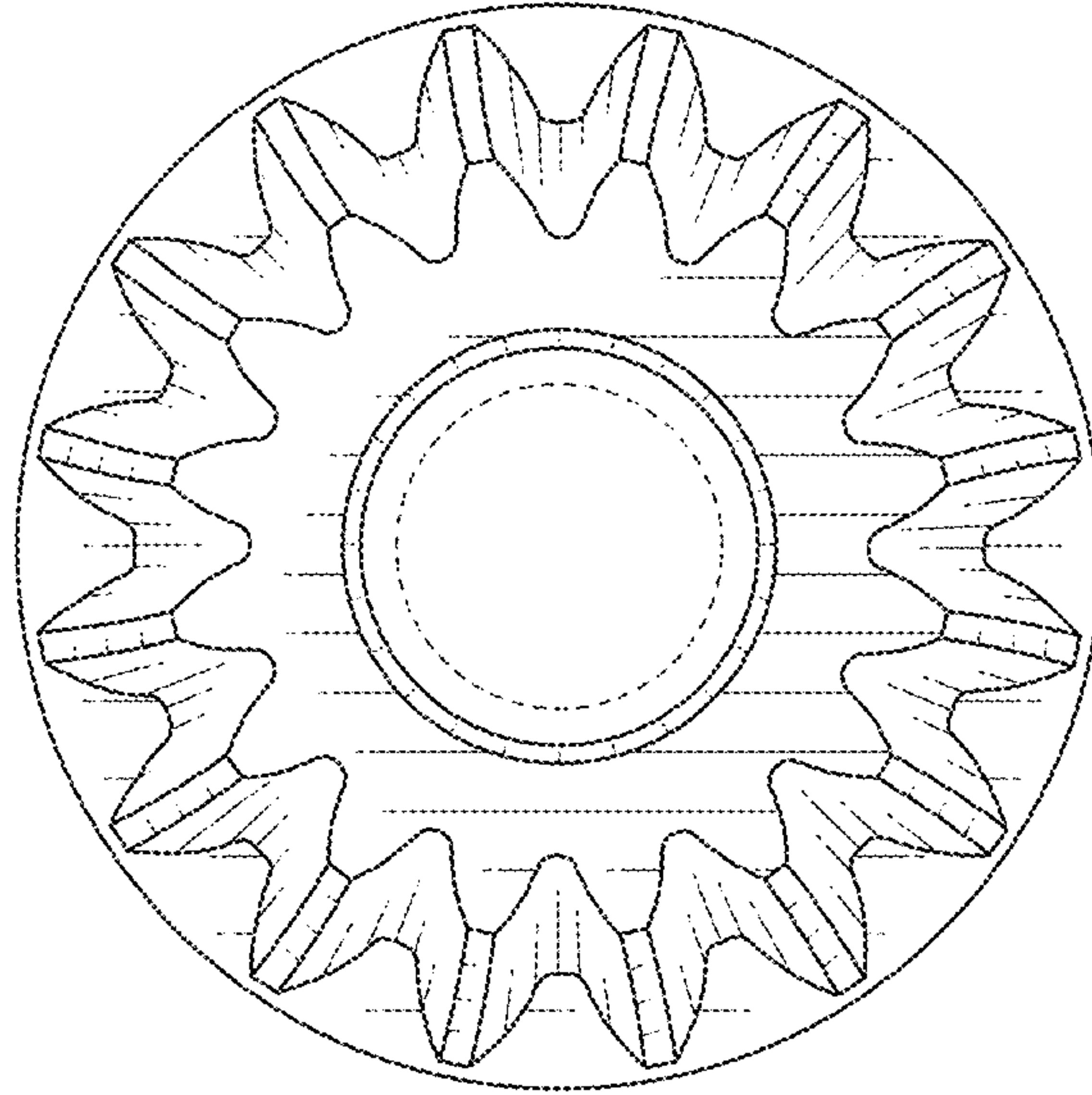


FIG. 5

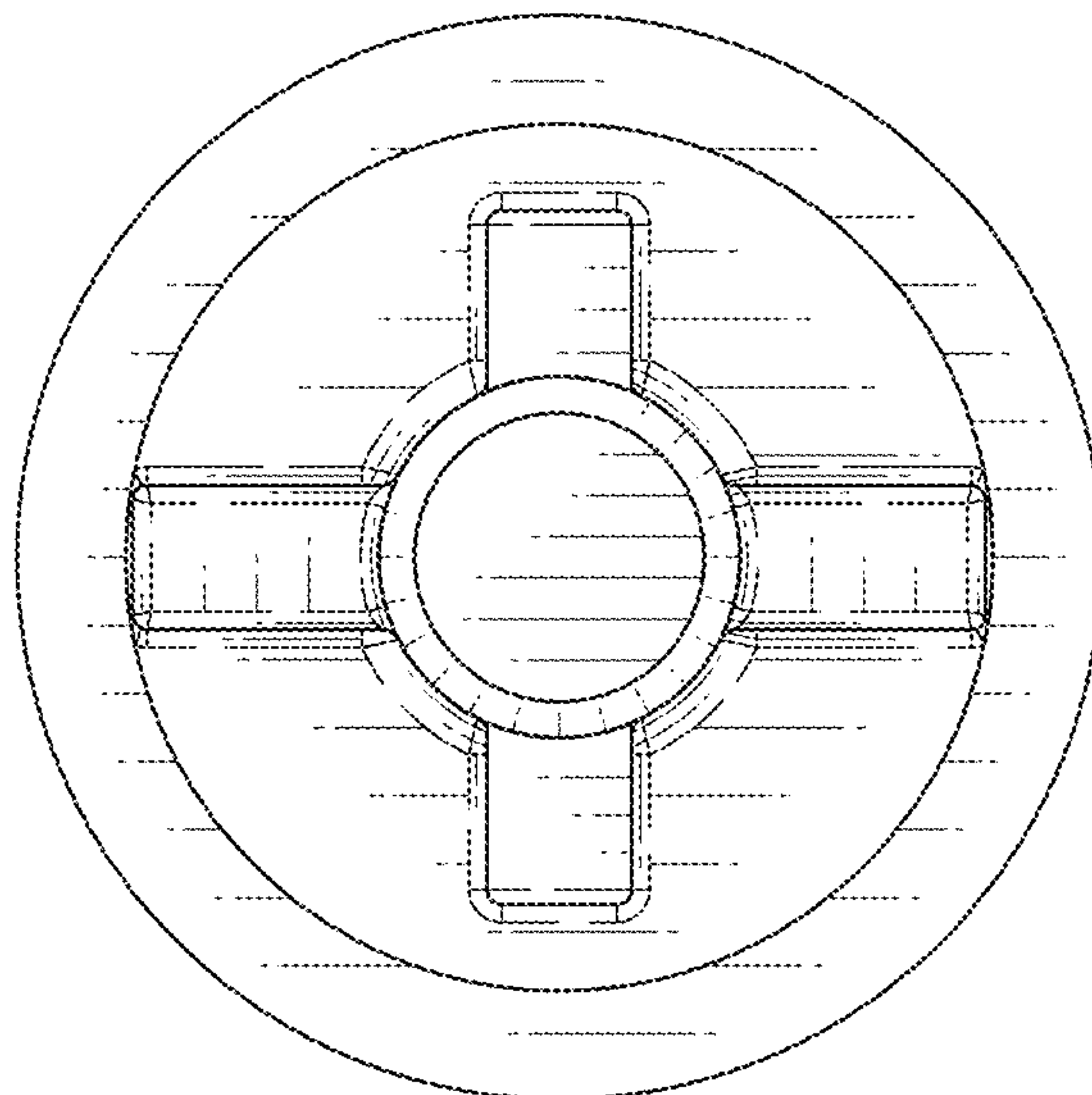


FIG. 6

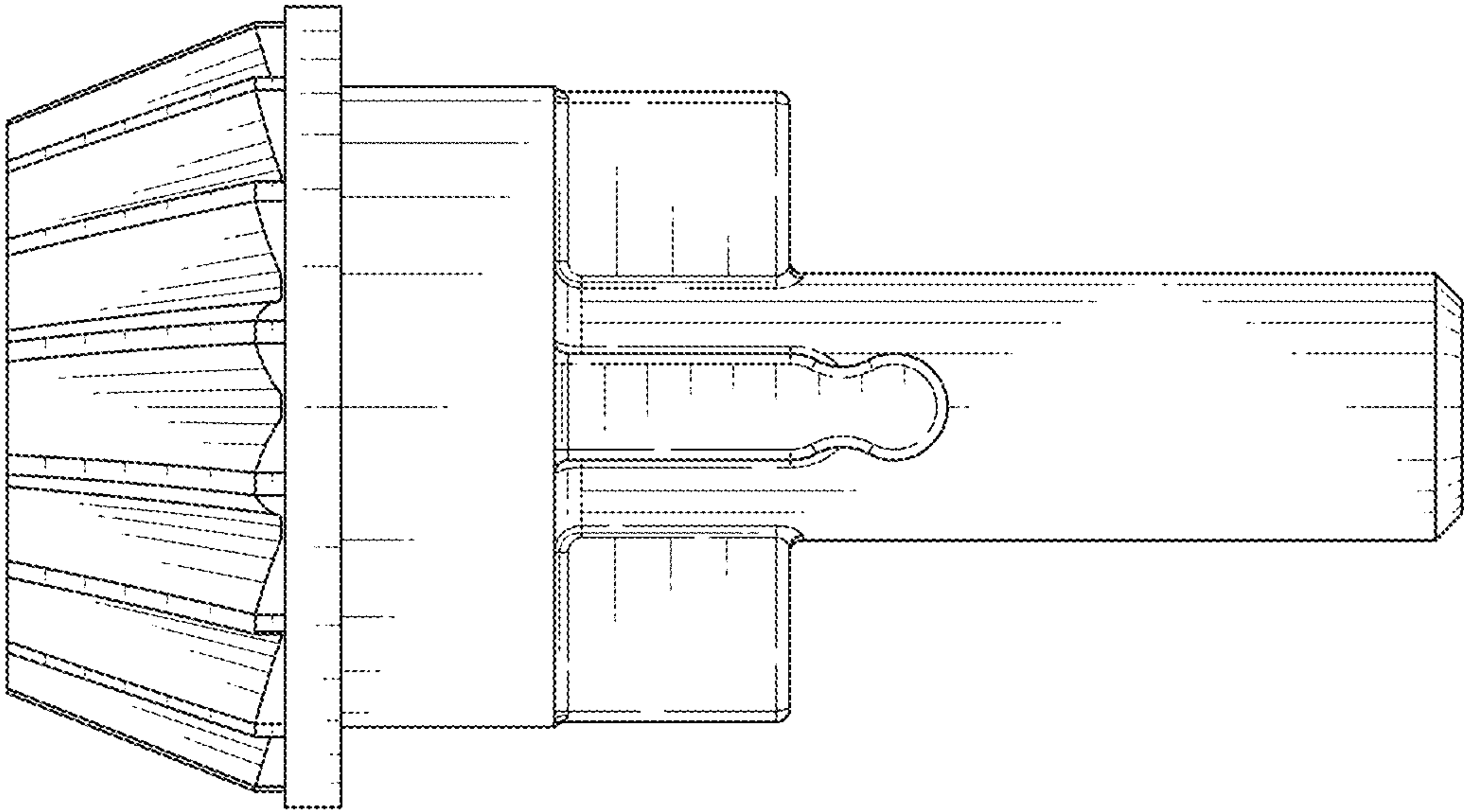


FIG. 8

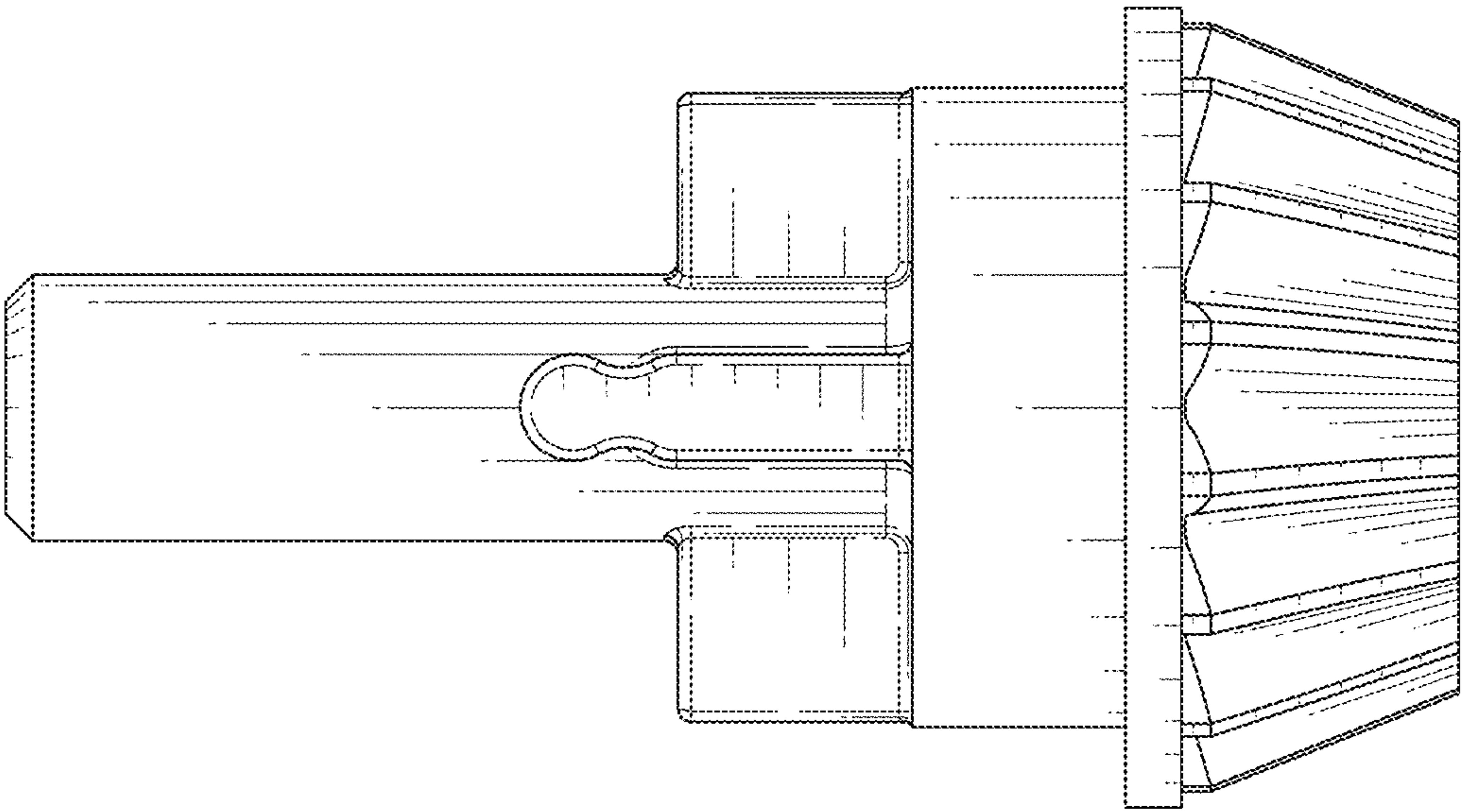


FIG. 7

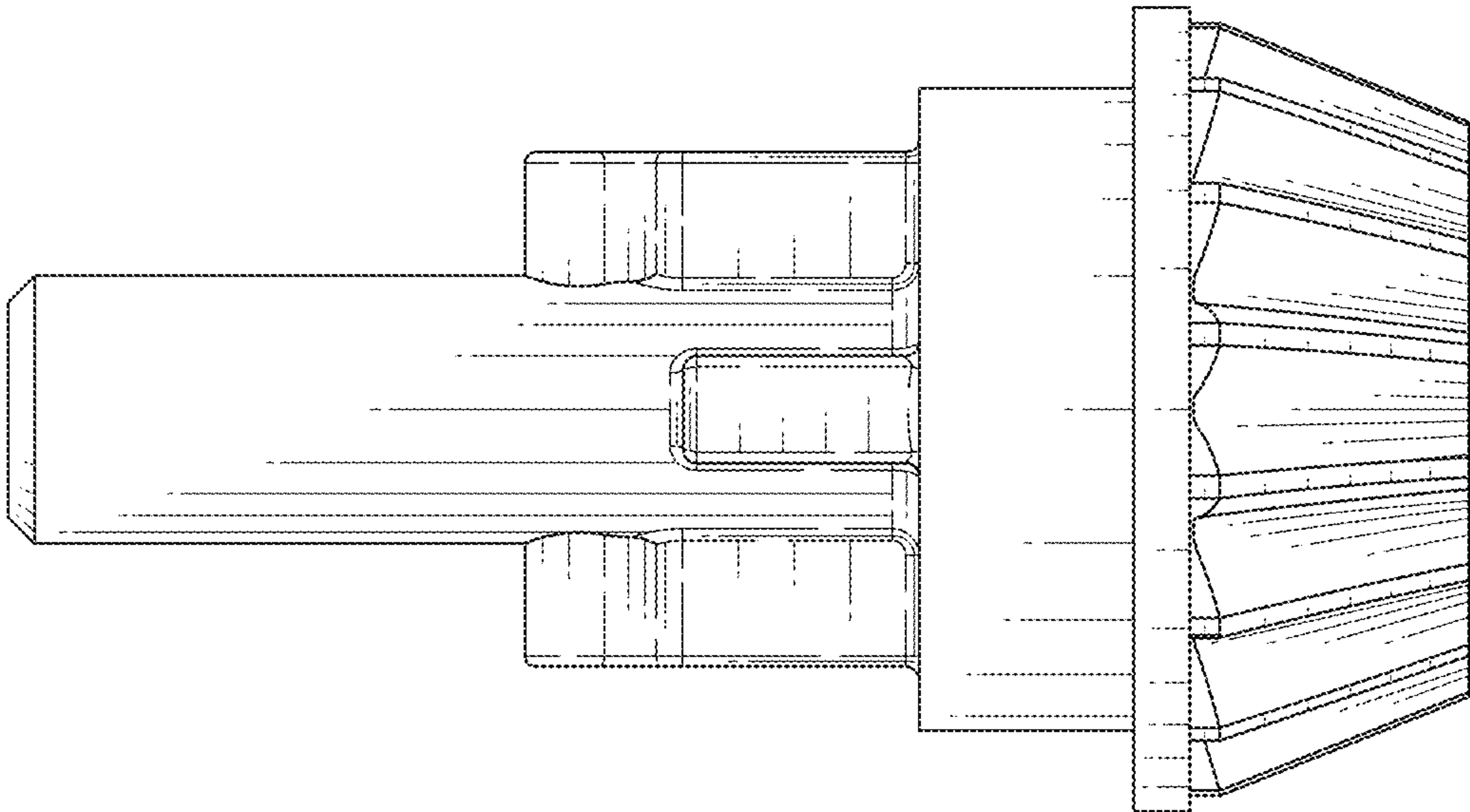


FIG. 9

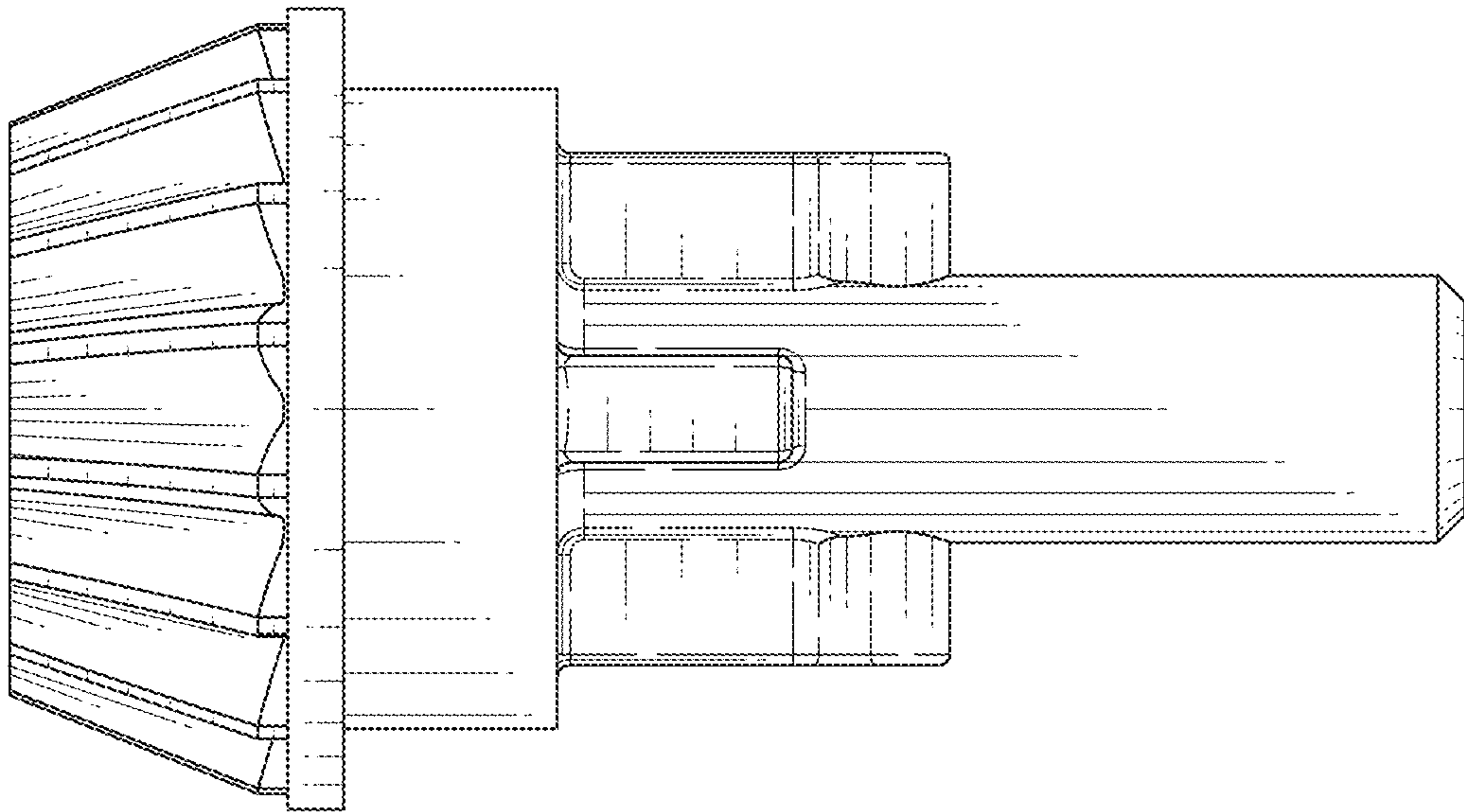


FIG. 10