



US00D440533S

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

(10) **Patent No.:** **US D440,533 S**

(45) **Date of Patent:** **** Apr. 17, 2001**

(54) **BICYCLE HUB**

(75) Inventor: **Tsutomu Muraoka**, Osaka (JP)

(73) Assignee: **Shimano Inc.**, Osaka (JP)

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

(21) Appl. No.: **29/119,741**

(22) Filed: **Mar. 8, 2000**

Related U.S. Application Data

(62) Division of application No. 29/103,934, filed on Apr. 26, 1999.

(30) **Foreign Application Priority Data**

Apr. 7, 1999	(TW)	88302101
Apr. 7, 1999	(TW)	88302102
Apr. 7, 1999	(TW)	88302103
Apr. 7, 1999	(TW)	88302104

(51) **LOC (7) Cl.** **12-16**

(52) **U.S. Cl.** **D12/207**

(58) **Field of Search** D12/207, 111;
301/59-61, 100.5, 124.1; 192/64; 280/250.1,
279; 384/545

(56) **References Cited**

U.S. PATENT DOCUMENTS

D. 325,368	4/1992	Cha	D12/207
D. 350,088	8/1994	Inatani	D12/115
D. 350,922	9/1994	Inatani	D12/207
D. 365,310	12/1995	Chen	D12/207
5,947,565	9/1999	Dietrich	301/59
6,010,197	1/2000	Crosnier et al.	301/59

Primary Examiner—Alan P. Douglas

Assistant Examiner—Linda Brooks

(74) *Attorney, Agent, or Firm*—Shinju Global IP Counselors, LLP

(57) **CLAIM**

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

DESCRIPTION

FIG. 1 is a perspective view of a bicycle hub in accordance with a first preferred embodiment of my new design;

FIG. 2 is a front elevational view of the bicycle hub illustrated in FIG. 1;

FIG. 3 is a top plan view of the bicycle hub illustrated in FIGS. 1 and 2;

FIG. 4 is a bottom plan view of the bicycle hub illustrated in FIGS. 1-3;

FIG. 5 is a rear elevational view of the bicycle hub illustrated in FIGS. 1-4;

FIG. 6 is a left end elevational view of the bicycle hub illustrated in FIGS. 1-5;

FIG. 7 is a right end elevational view of the bicycle hub illustrated in FIGS. 1-6;

FIG. 8 is a perspective view of a modified bicycle hub in accordance with a second preferred embodiment of my new design;

FIG. 9 is a front elevational view of the bicycle hub illustrated in FIG. 8;

FIG. 10 is a top plan view of the bicycle hub illustrated in FIGS. 8 and 9;

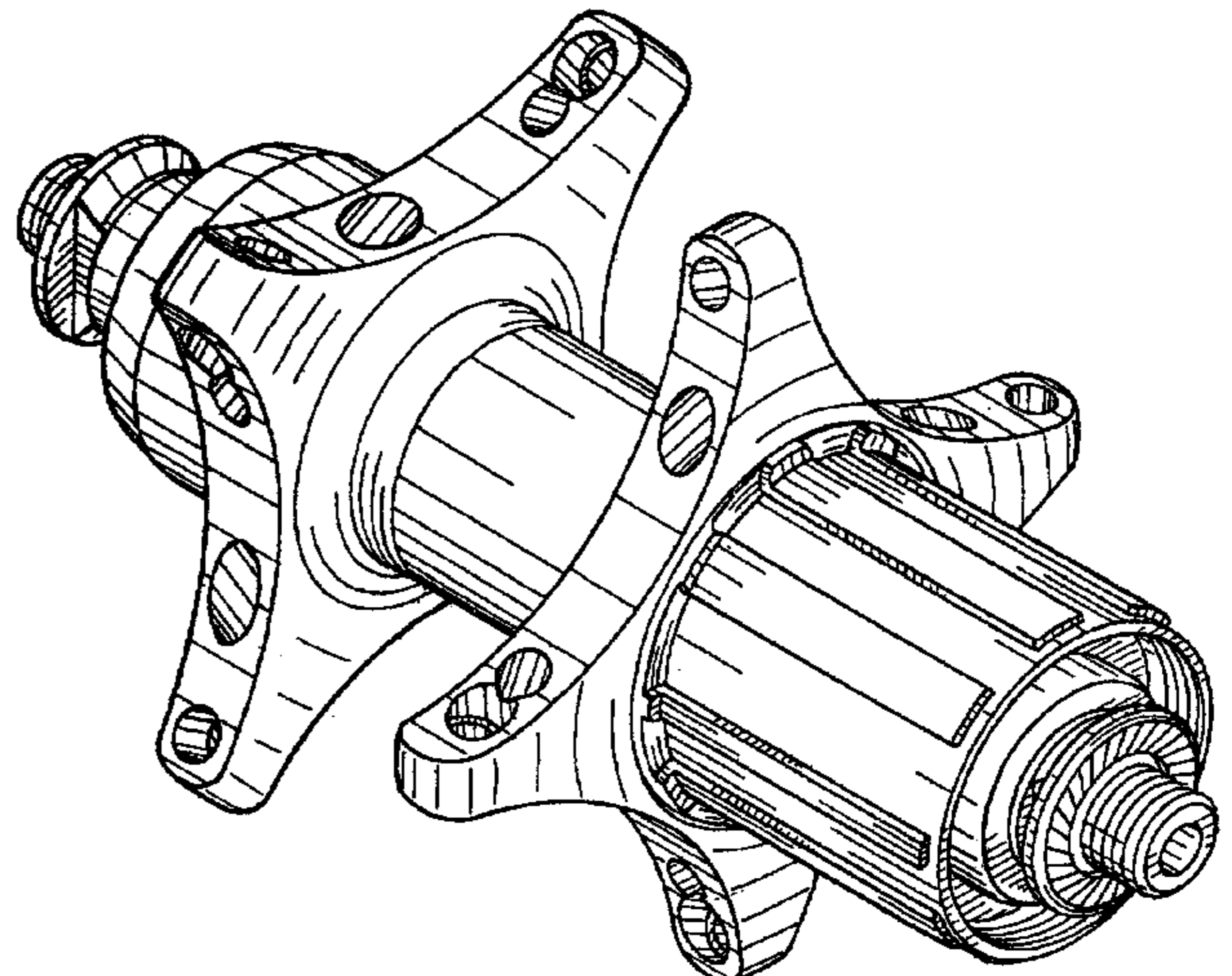
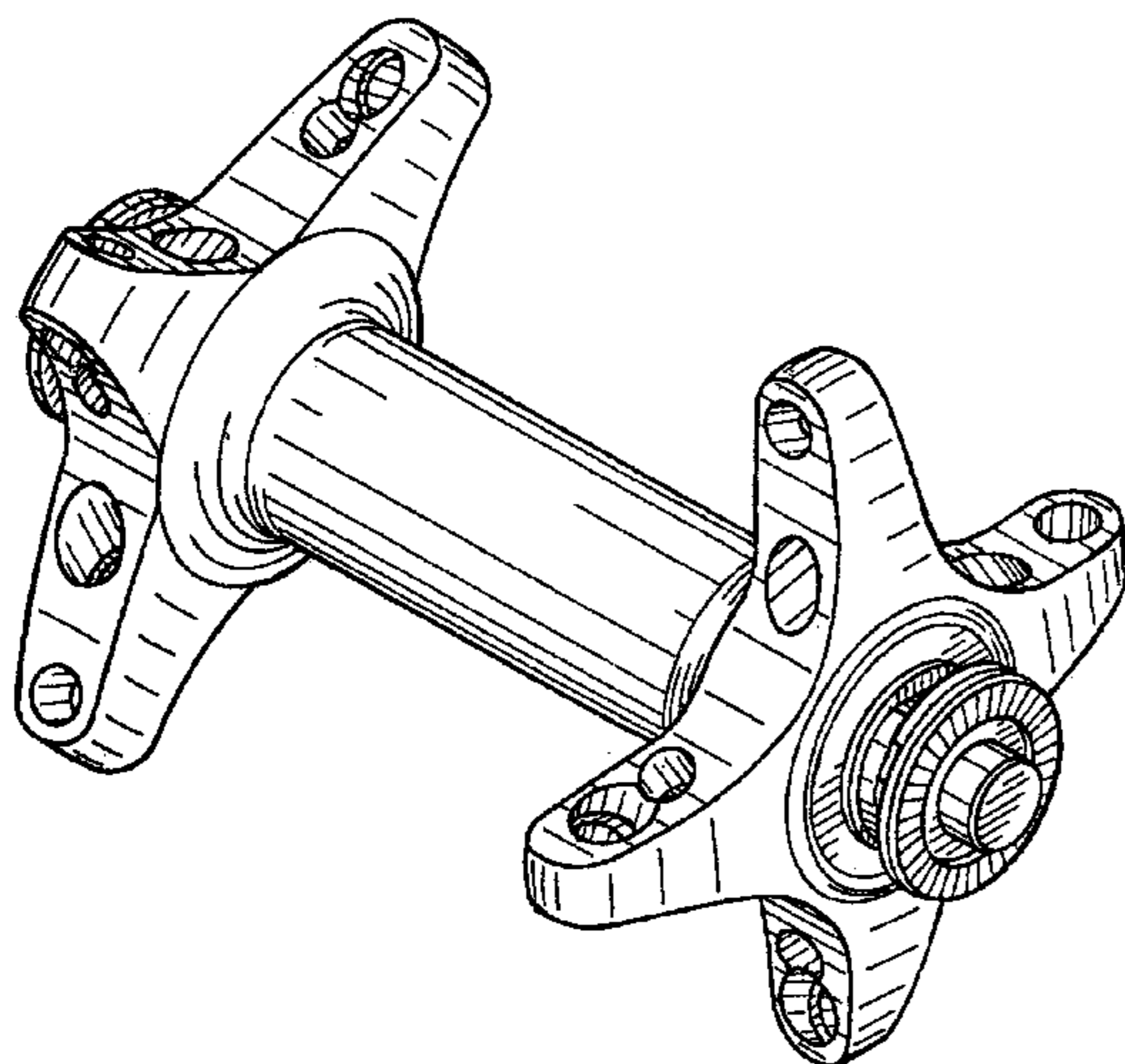
FIG. 11 is a bottom plan view of the bicycle hub illustrated in FIGS. 8-10;

FIG. 12 is a rear elevational view of the bicycle hub illustrated in FIGS. 8-11;

FIG. 13 is a left end elevational view of the bicycle hub illustrated in FIGS. 8-12; and,

FIG. 14 is a right end elevational view of the bicycle hub illustrated in FIGS. 8-13.

1 Claim, 6 Drawing Sheets



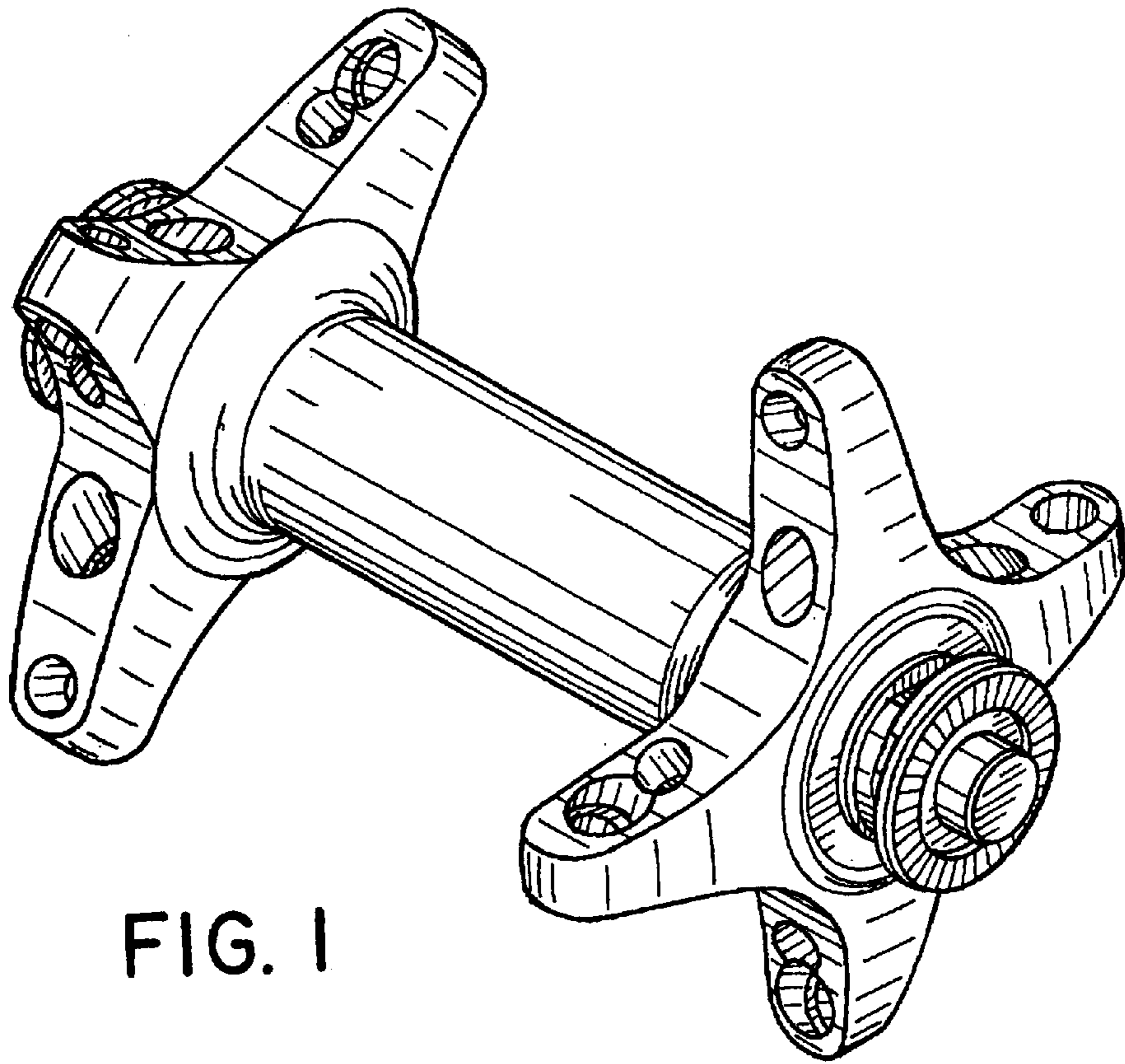


FIG. 1

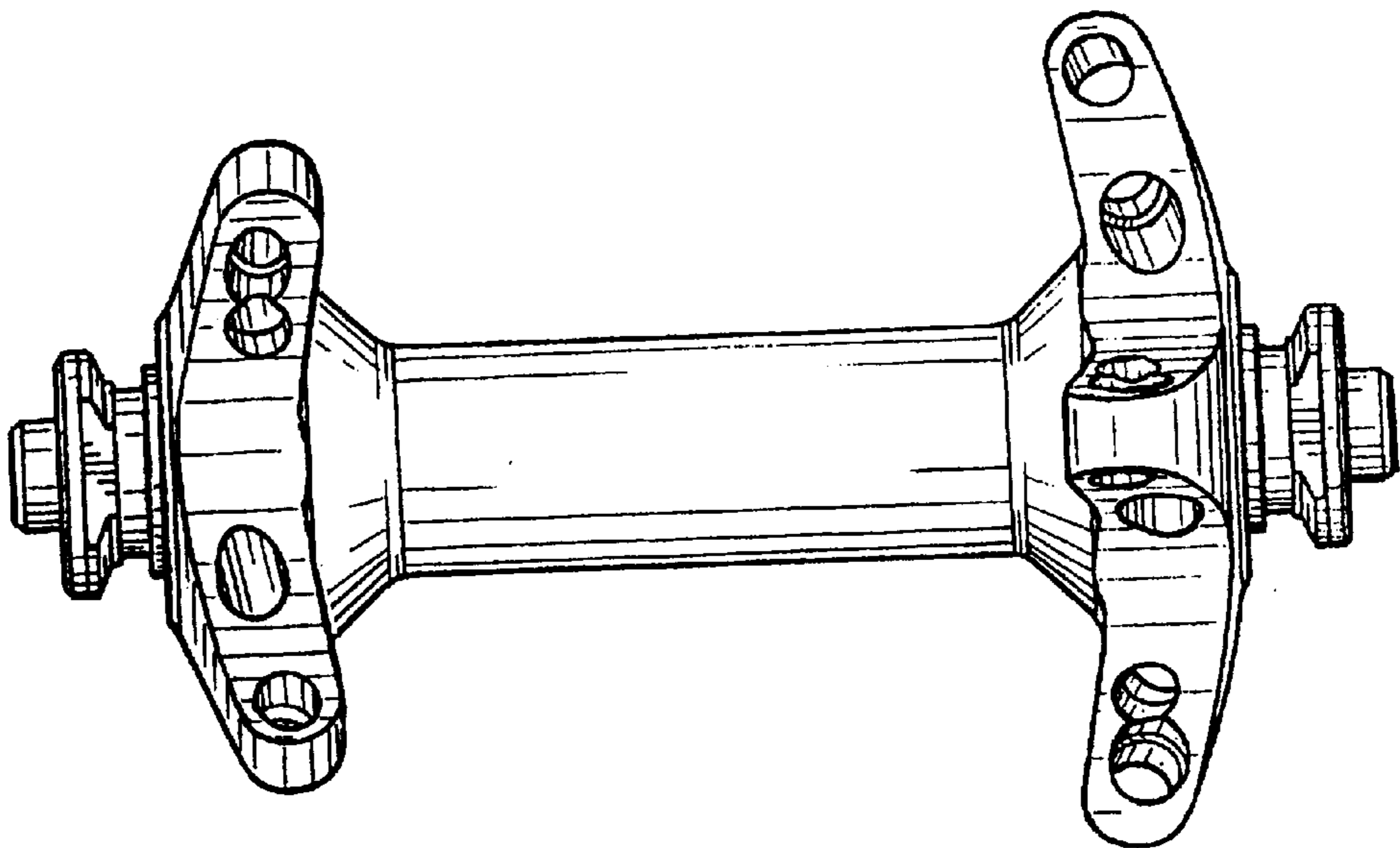


FIG. 2

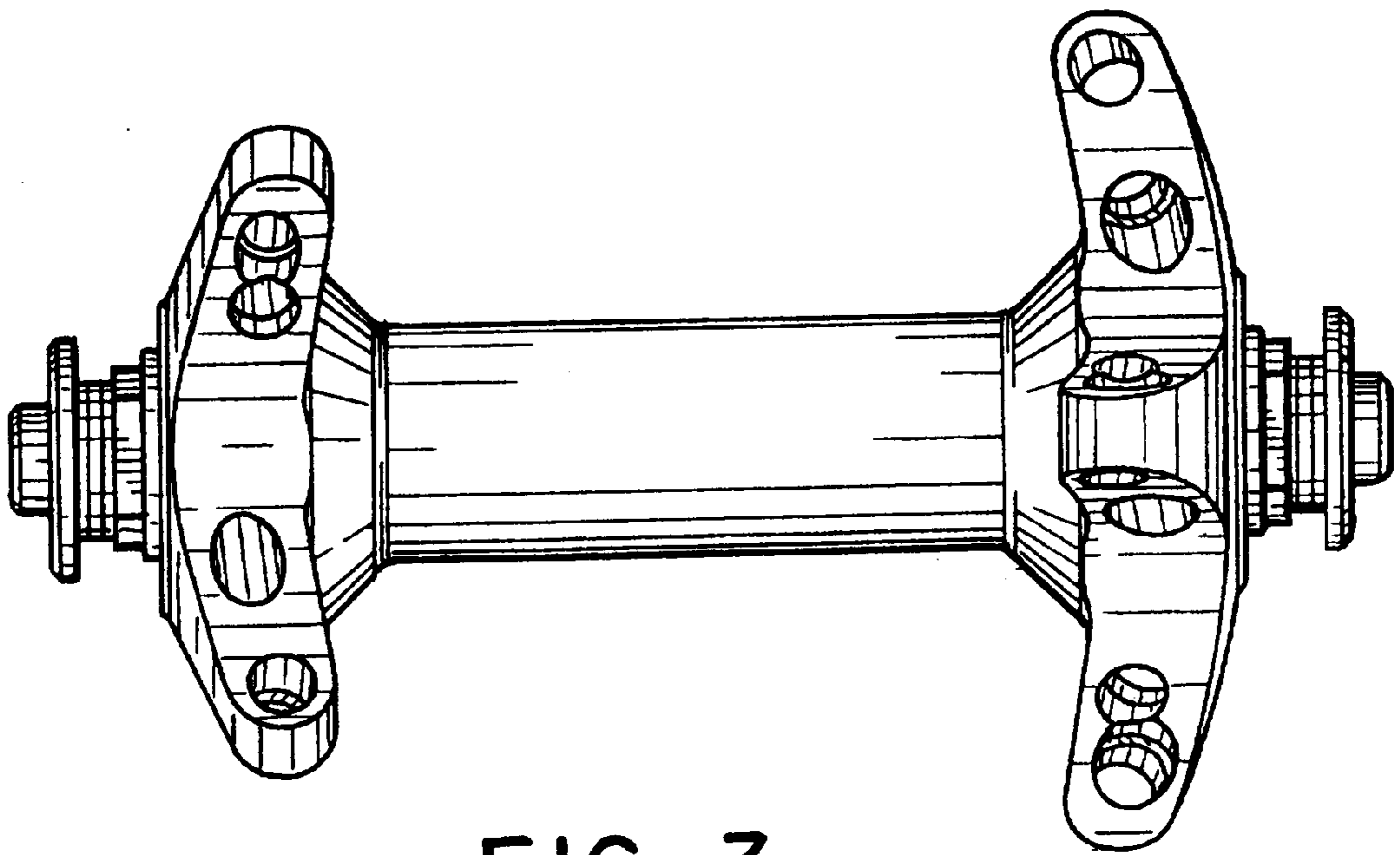


FIG. 3

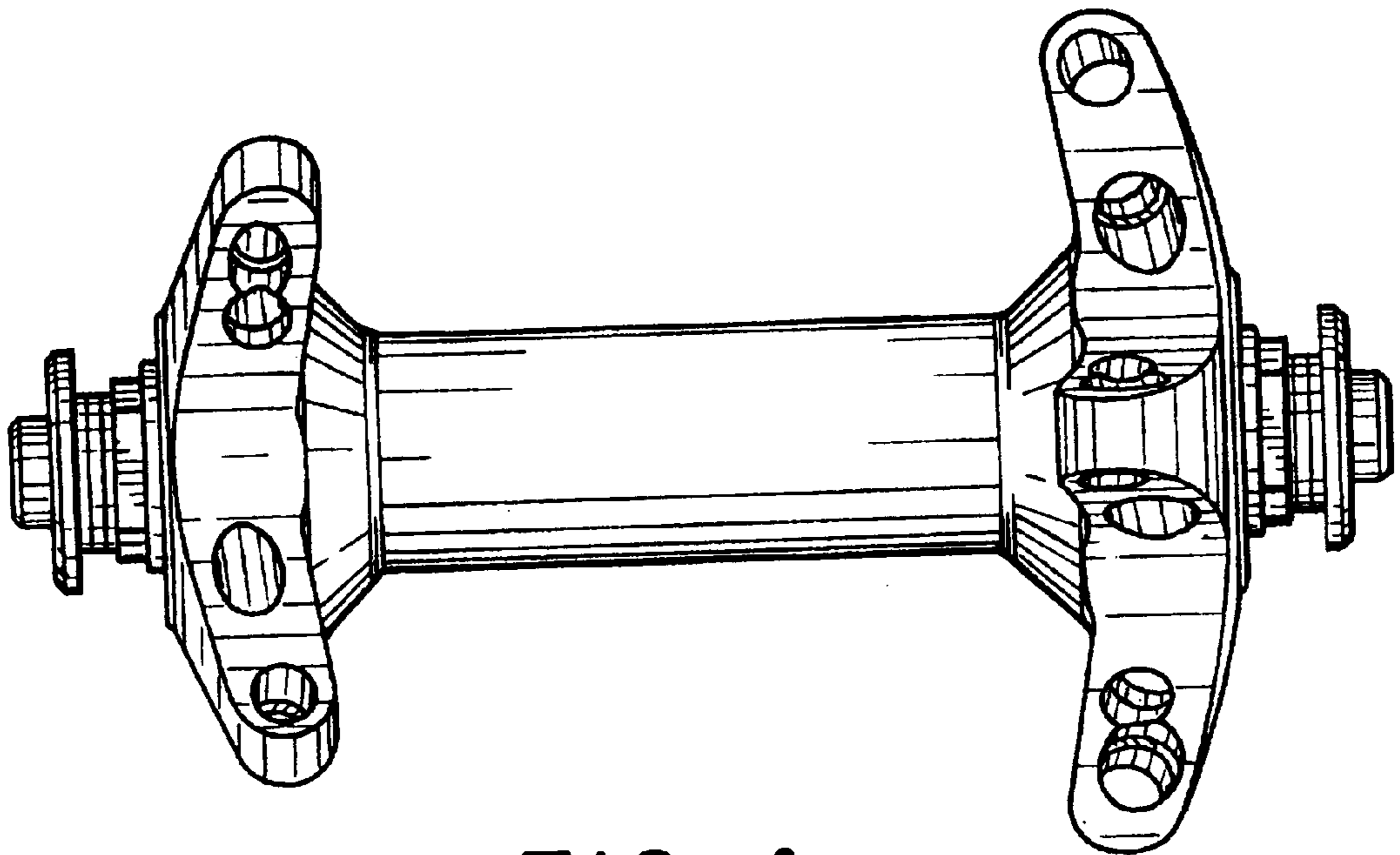


FIG. 4

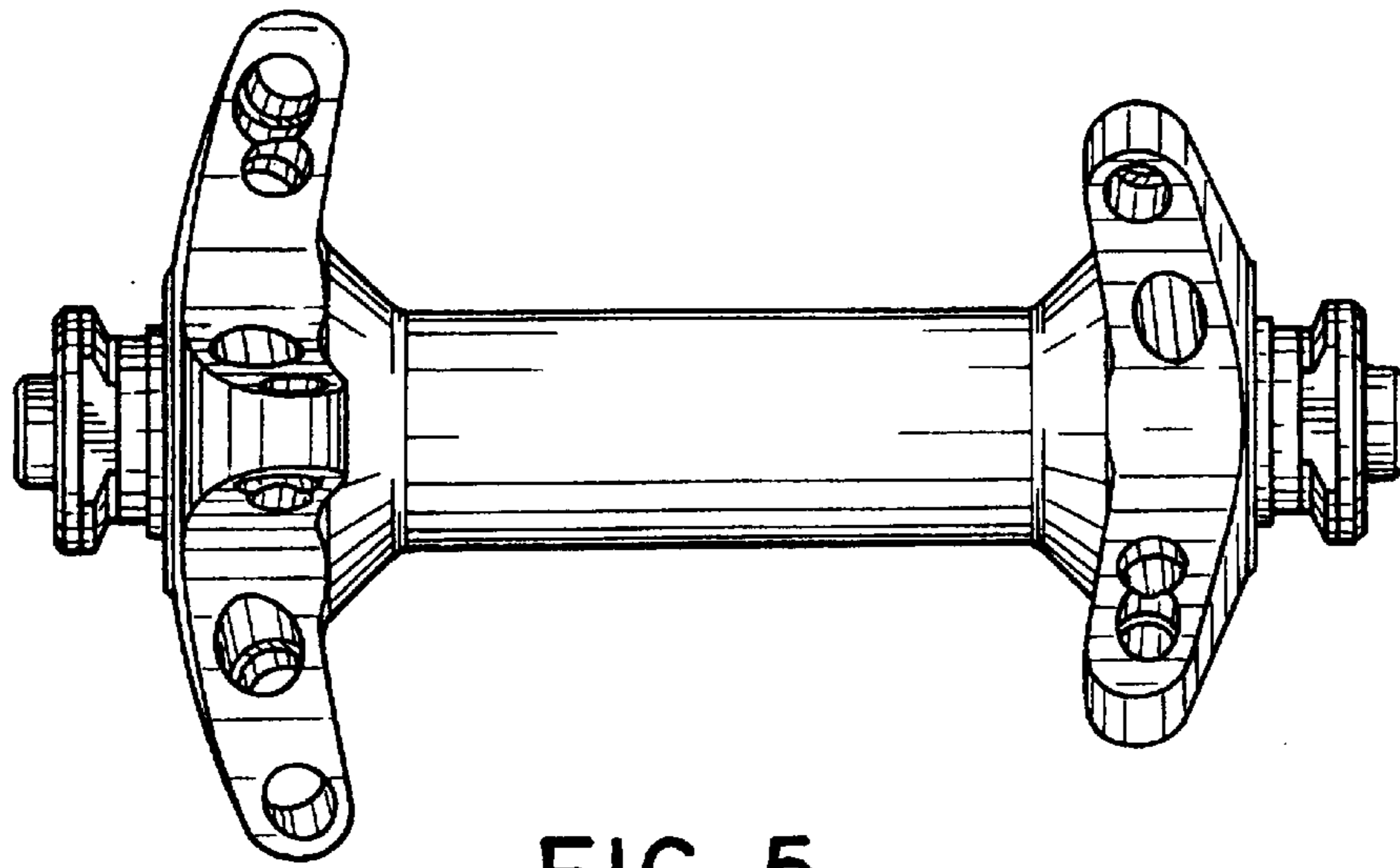


FIG. 5

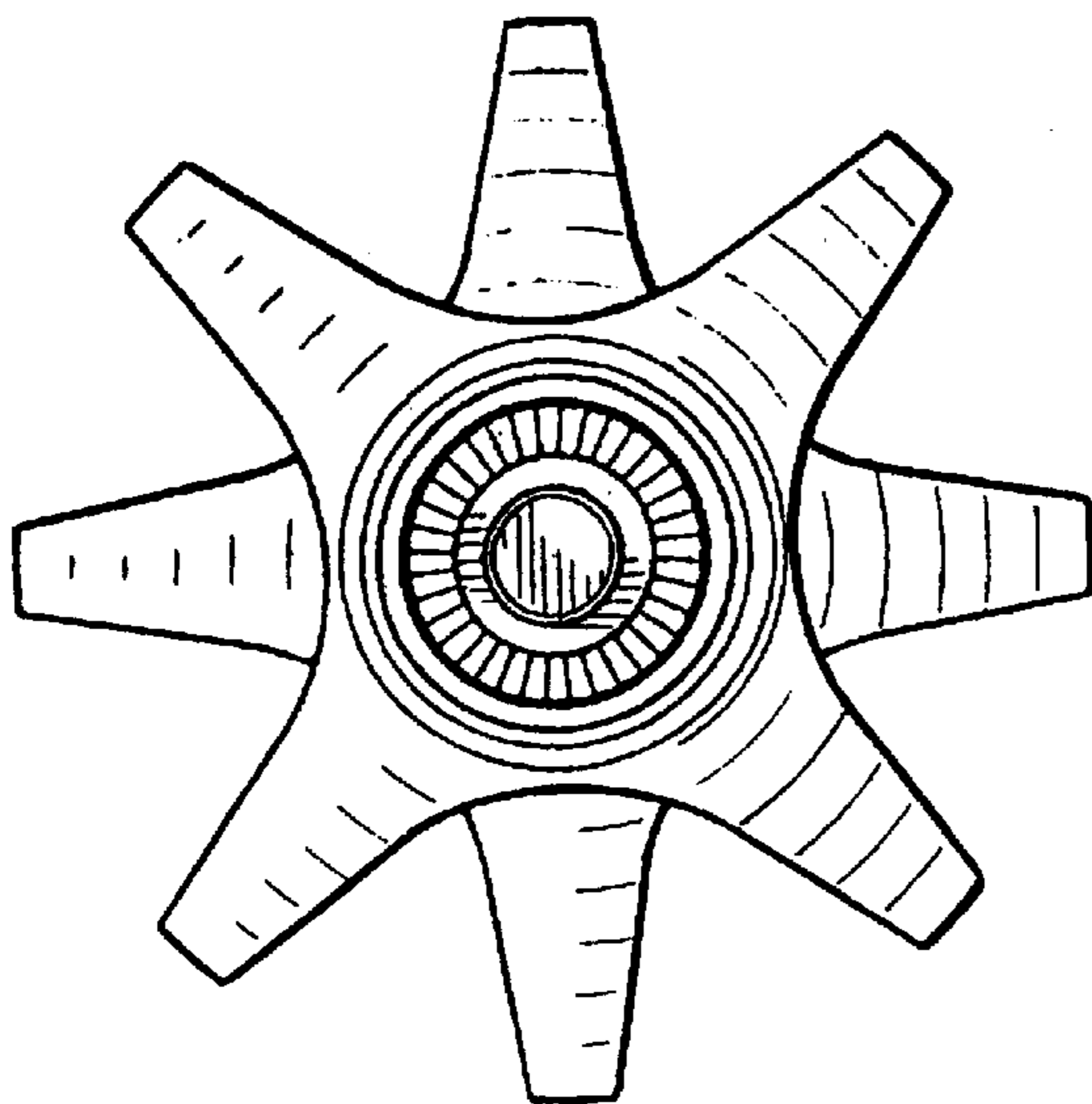


FIG. 6

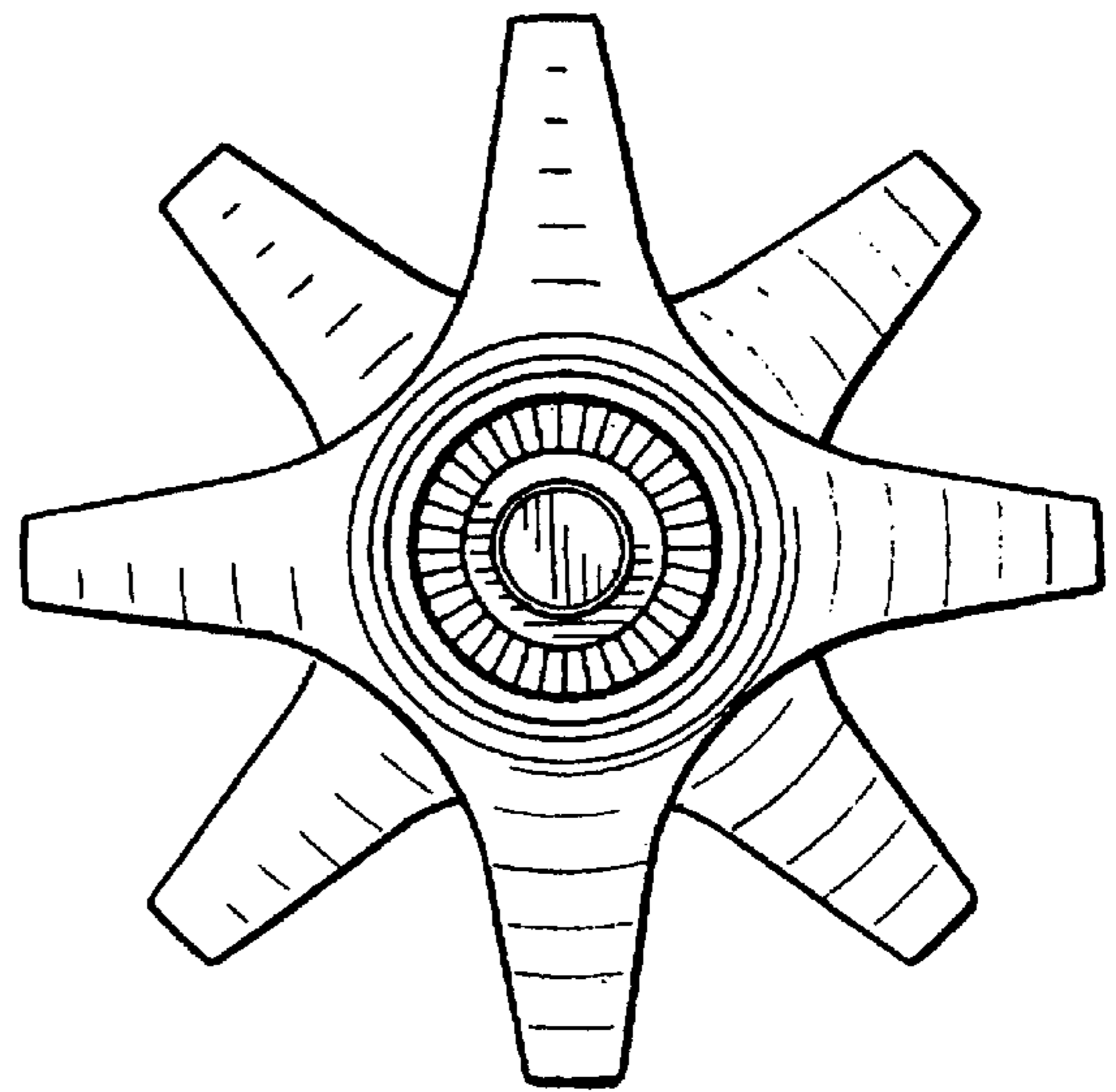


FIG. 7

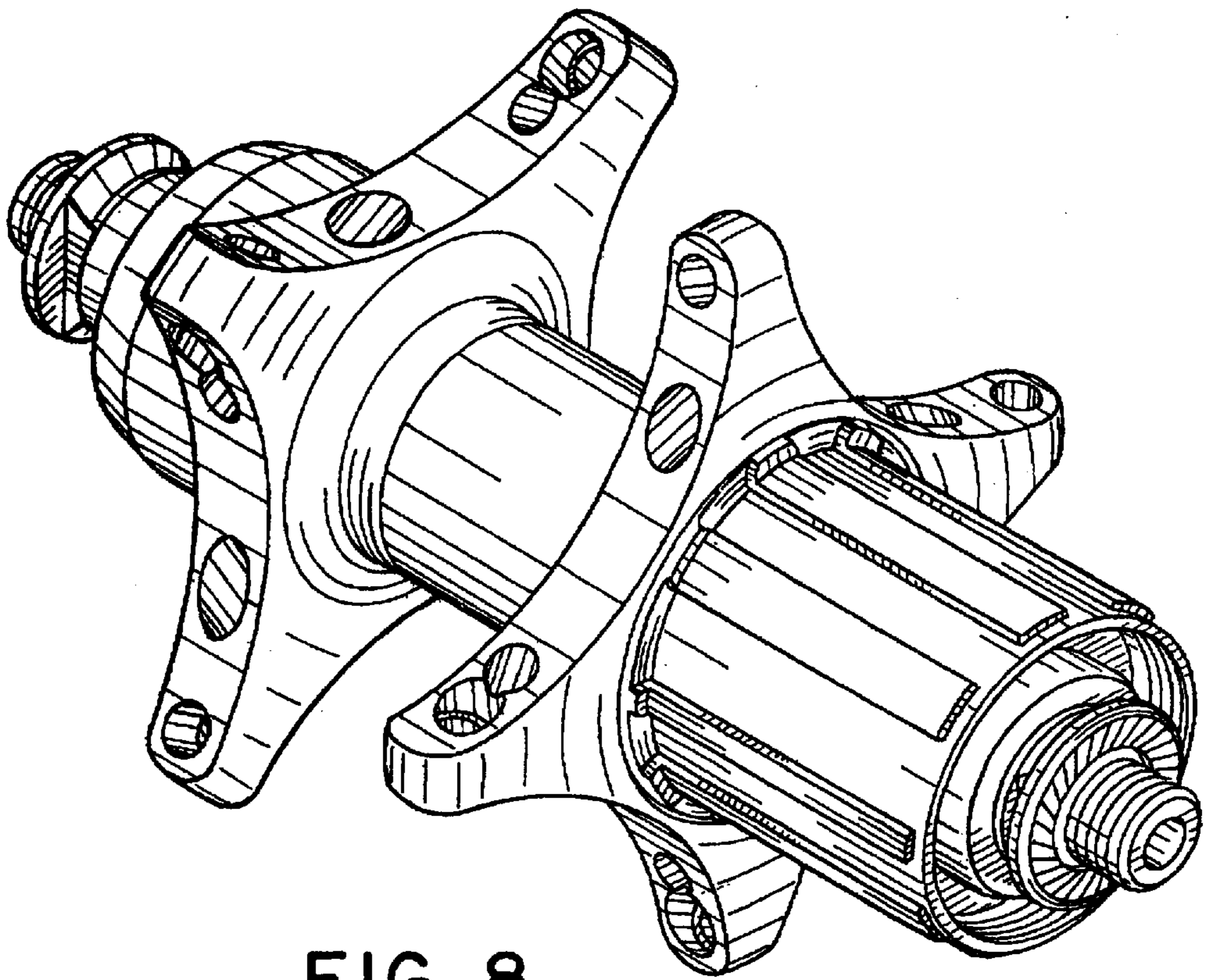


FIG. 8

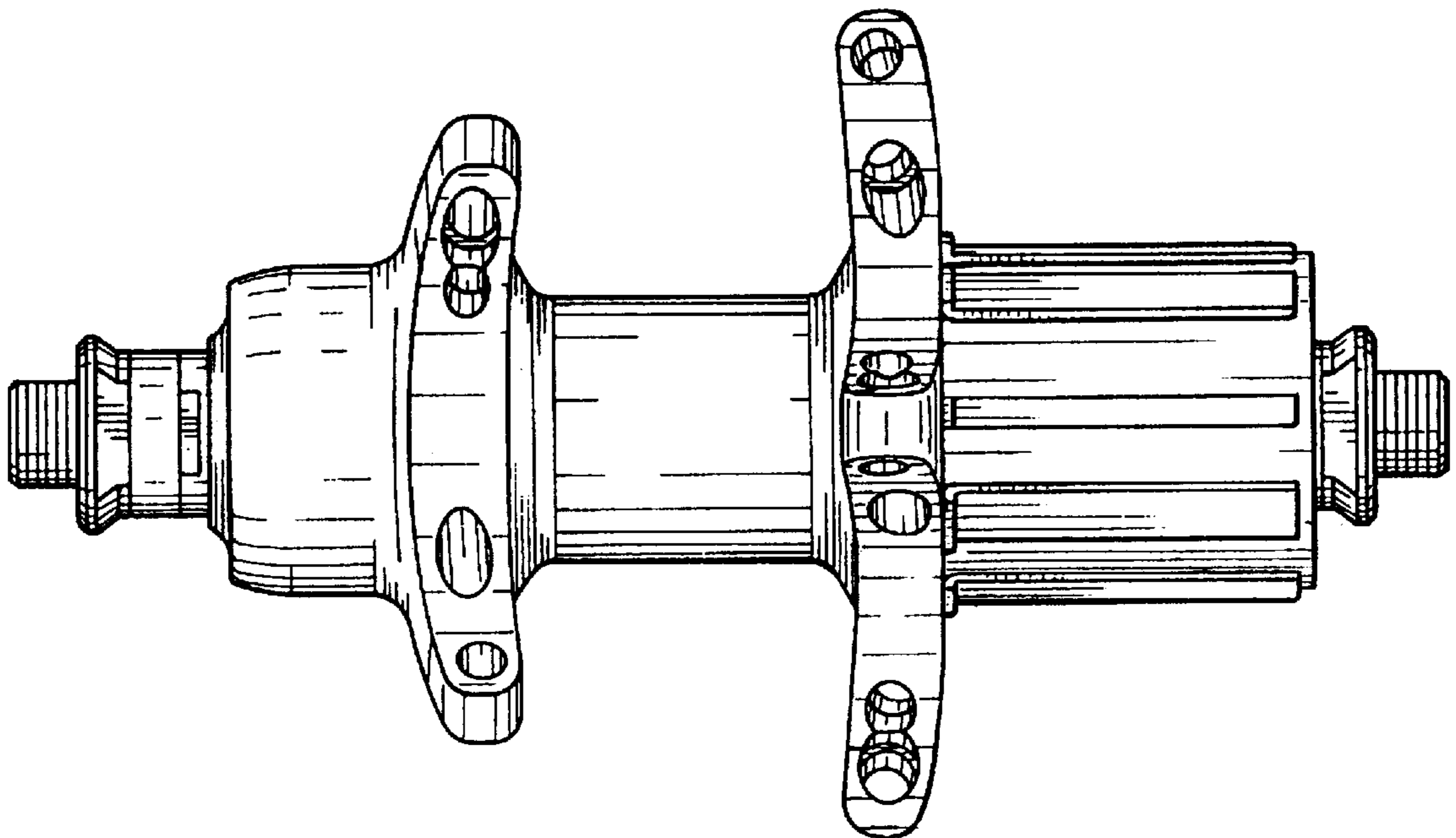


FIG. 9

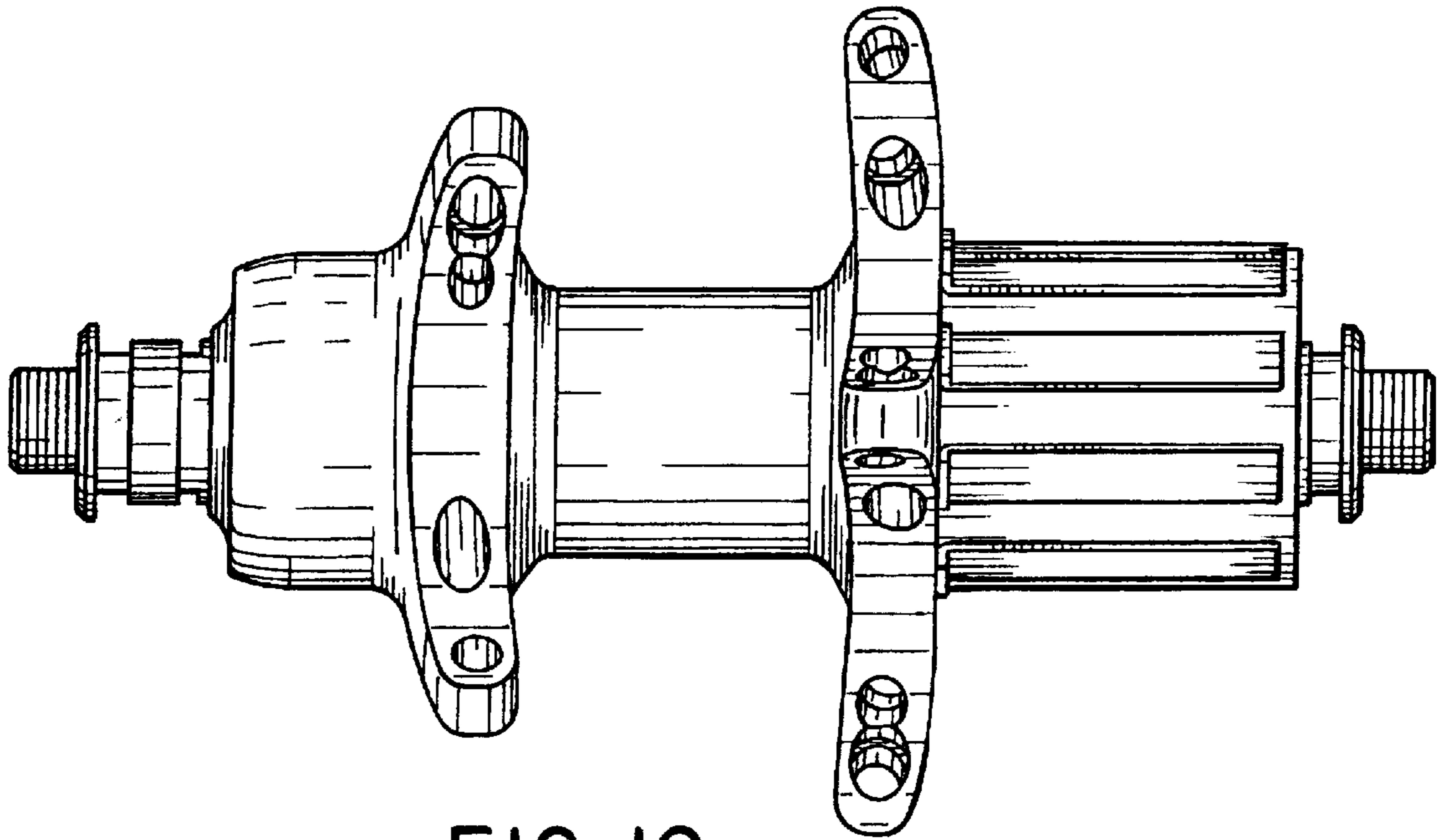


FIG. 10

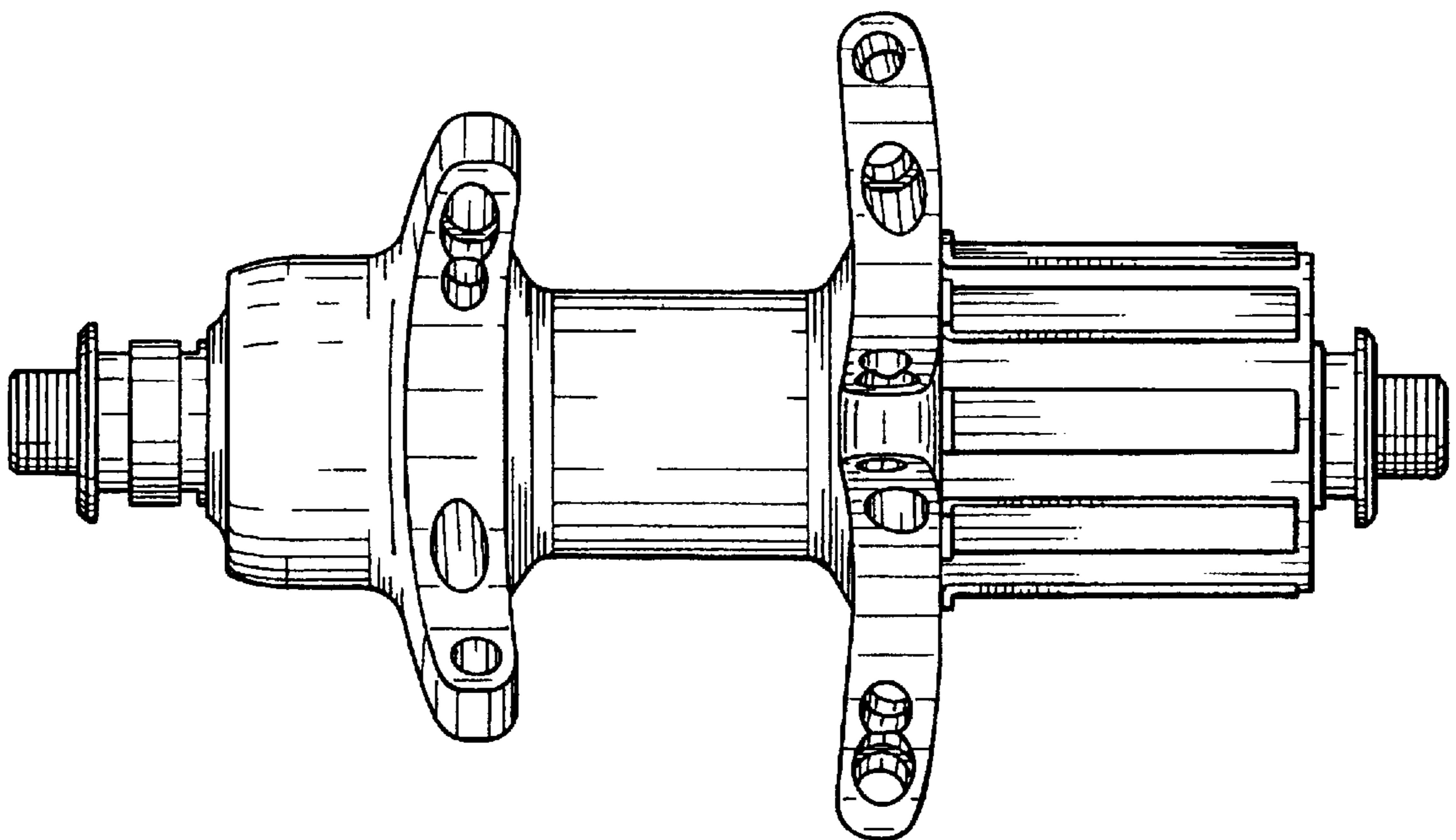


FIG. 11

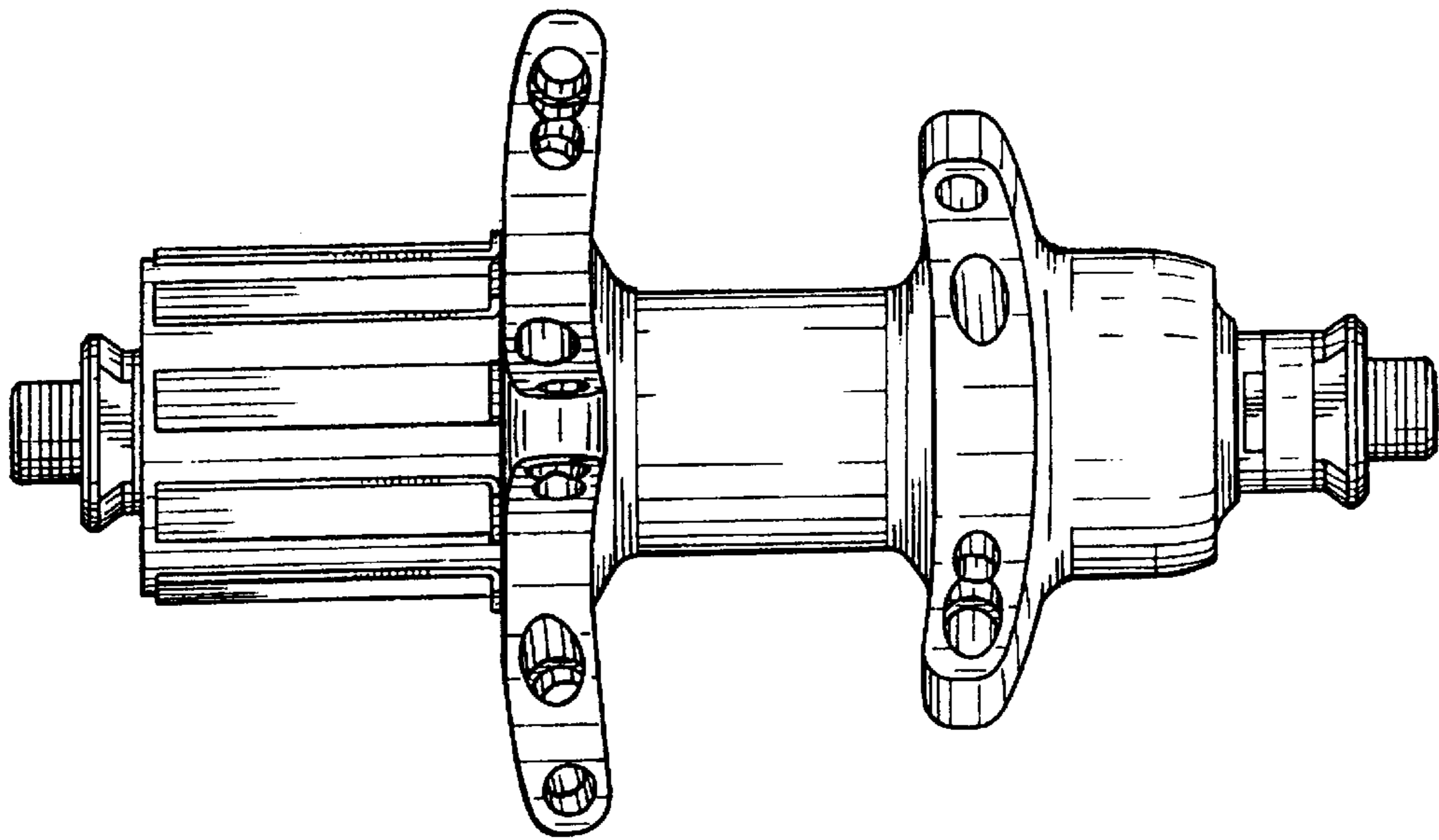


FIG. 12

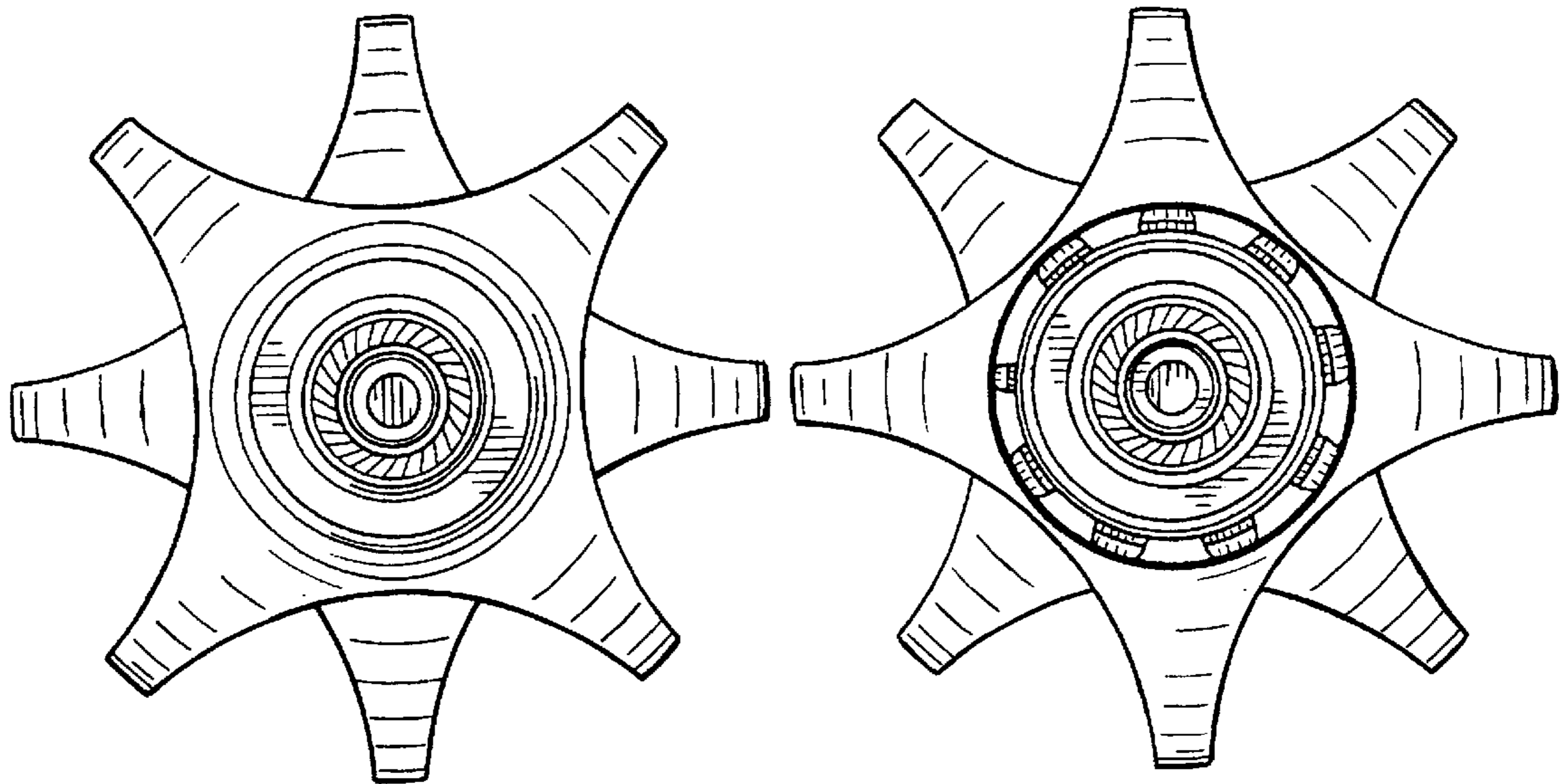


FIG. 13

FIG. 14