



US00D591427S

(12) **United States Design Patent**  
**Stimpson et al.**(10) **Patent No.:** US D591,427 S  
(45) **Date of Patent:** \*\* Apr. 28, 2009(54) **MODULAR HEAVY-DUTY GRAB RAIL**

2003/0110716 A1\* 6/2003 Hansen ..... 52/184

(75) Inventors: **Robert William Stimpson**, Douglas (GB); **Yanchun Wang**, Ballasalla (GB); **Mark Ian Luxton**, Onchan (GB)

\* cited by examiner

(73) Assignee: **DLP Limited (GB)**

Primary Examiner—Doris Clark

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

(74) Attorney, Agent, or Firm—Fleit Gibbons Gutman Bongini &amp; Bianco PL; Paul D. Bianco; Martin Fleit

(21) Appl. No.: **29/283,882**(57) **CLAIM**(22) Filed: **Aug. 27, 2007**

The ornamental design for a modular heavy-duty grab rail, as shown and described.

(30) **Foreign Application Priority Data****DESCRIPTION**

Mar. 15, 2007 (EM) ..... 000692249

FIG. 1 is a perspective view showing the new design of modular heavy-duty grab rail with two rails and three mounting brackets;

(51) **LOC (9) Cl.** ..... **25-02**

FIG. 2 is an elevational view from one end of an end mounting bracket of the modular heavy-duty grab rail, as shown in FIG. 1;

(52) **U.S. Cl.** ..... **D25/41**

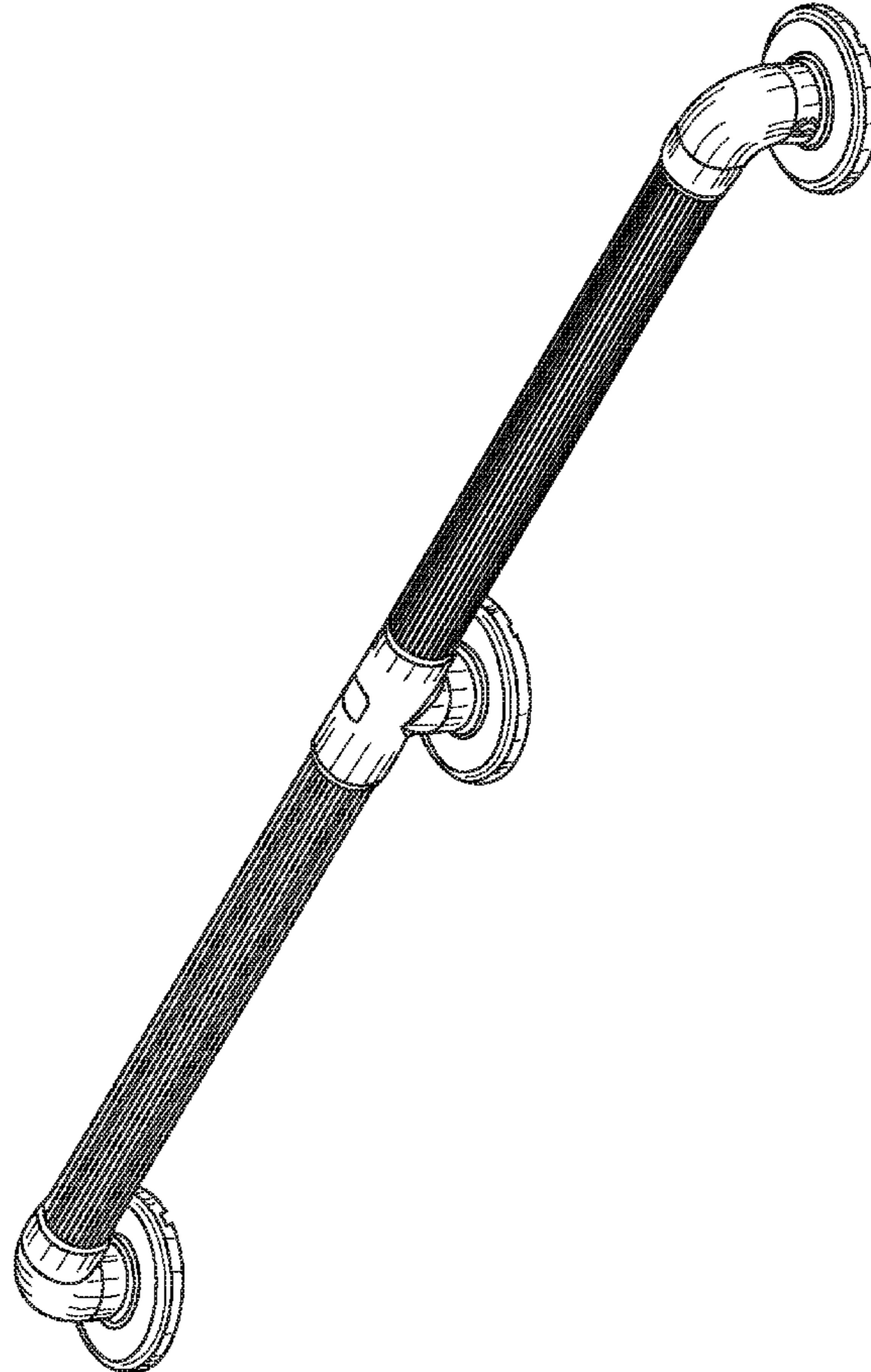
FIG. 3 is a perspective view of the end mounting bracket shown in FIG. 2;

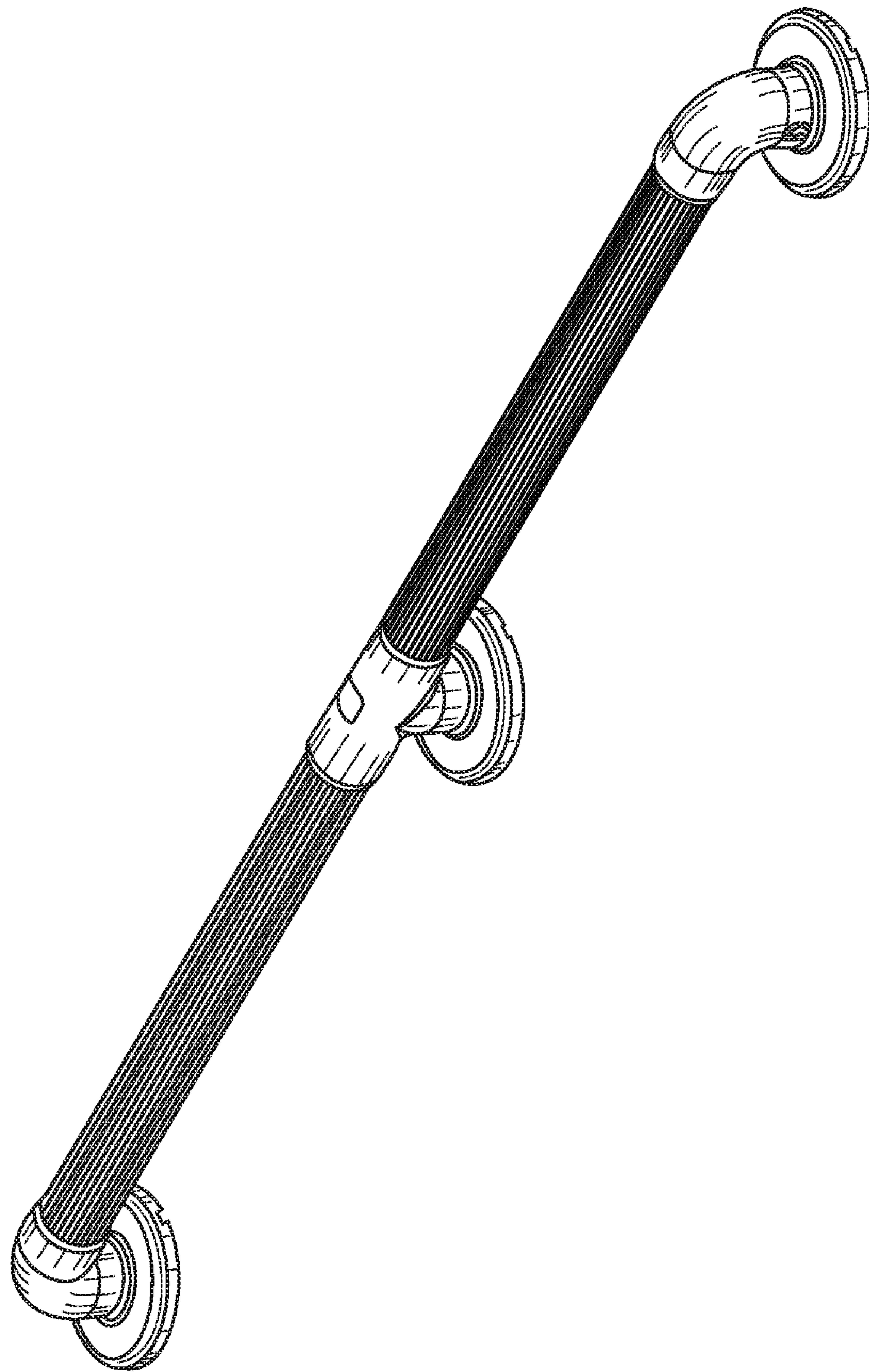
(58) **Field of Classification Search** ..... D25/41, D25/38; D6/533; 256/17, 59; 182/113, 182/206

FIG. 4 is a perspective view of the rail of the new design of modular heavy-duty grab rail; and,

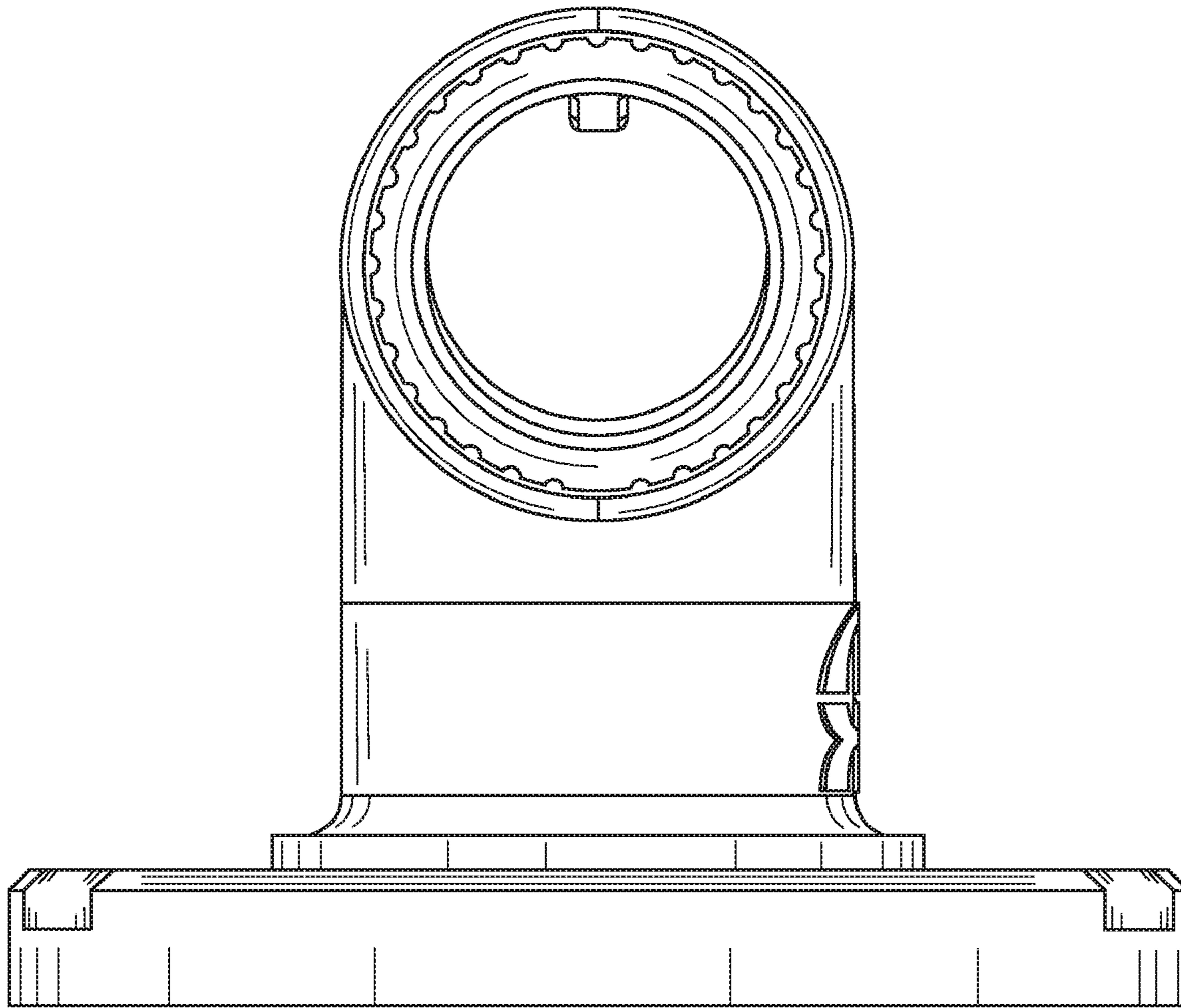
See application file for complete search history.

FIG. 5 is a perspective view of a cover for the flange of each mounting bracket.

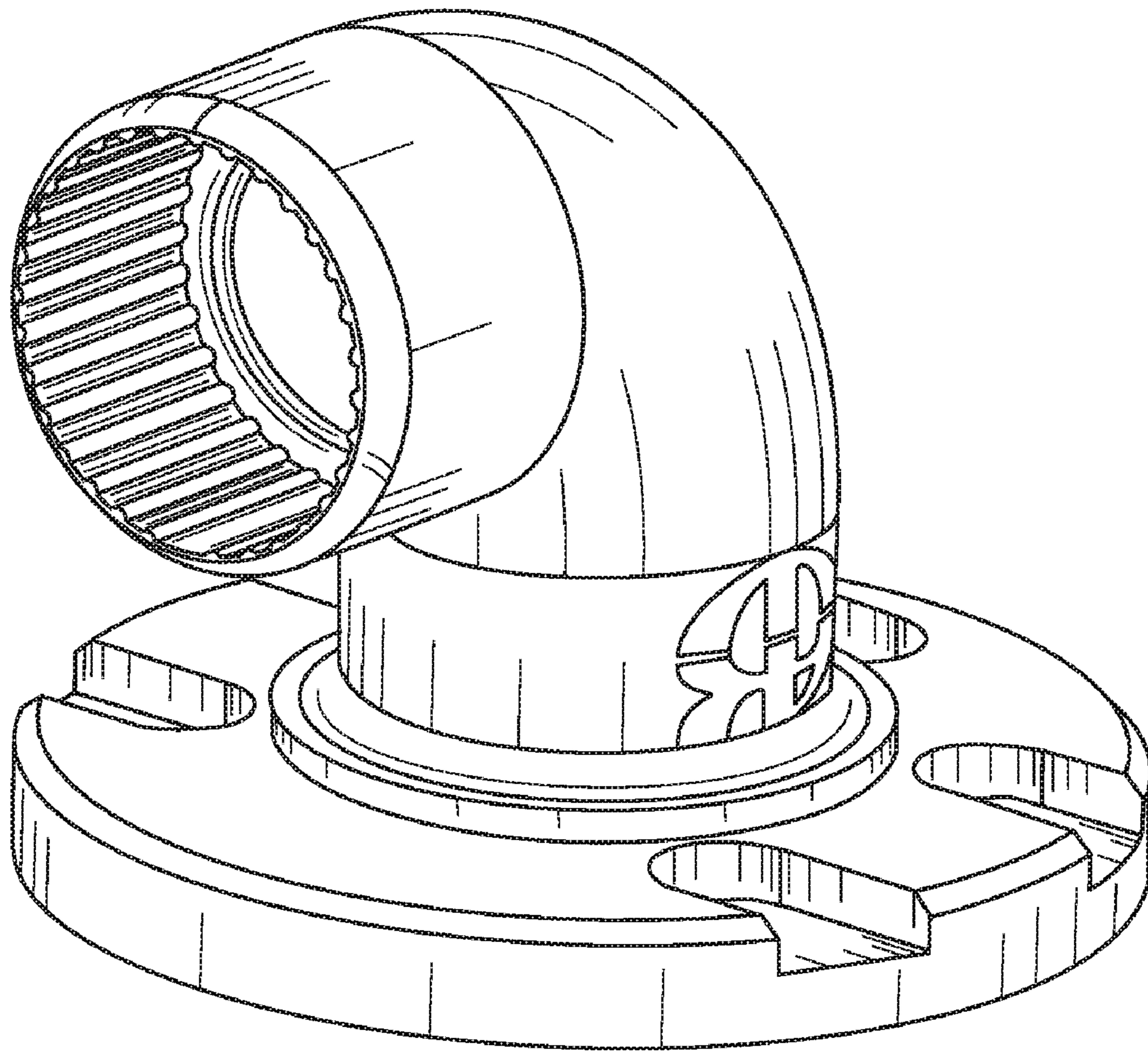
(56) **References Cited****1 Claim, 5 Drawing Sheets****U.S. PATENT DOCUMENTS**5,288,048 A \* 2/1994 Shreiner ..... 248/251  
D486,583 S \* 2/2004 Self et al. ..... D25/41



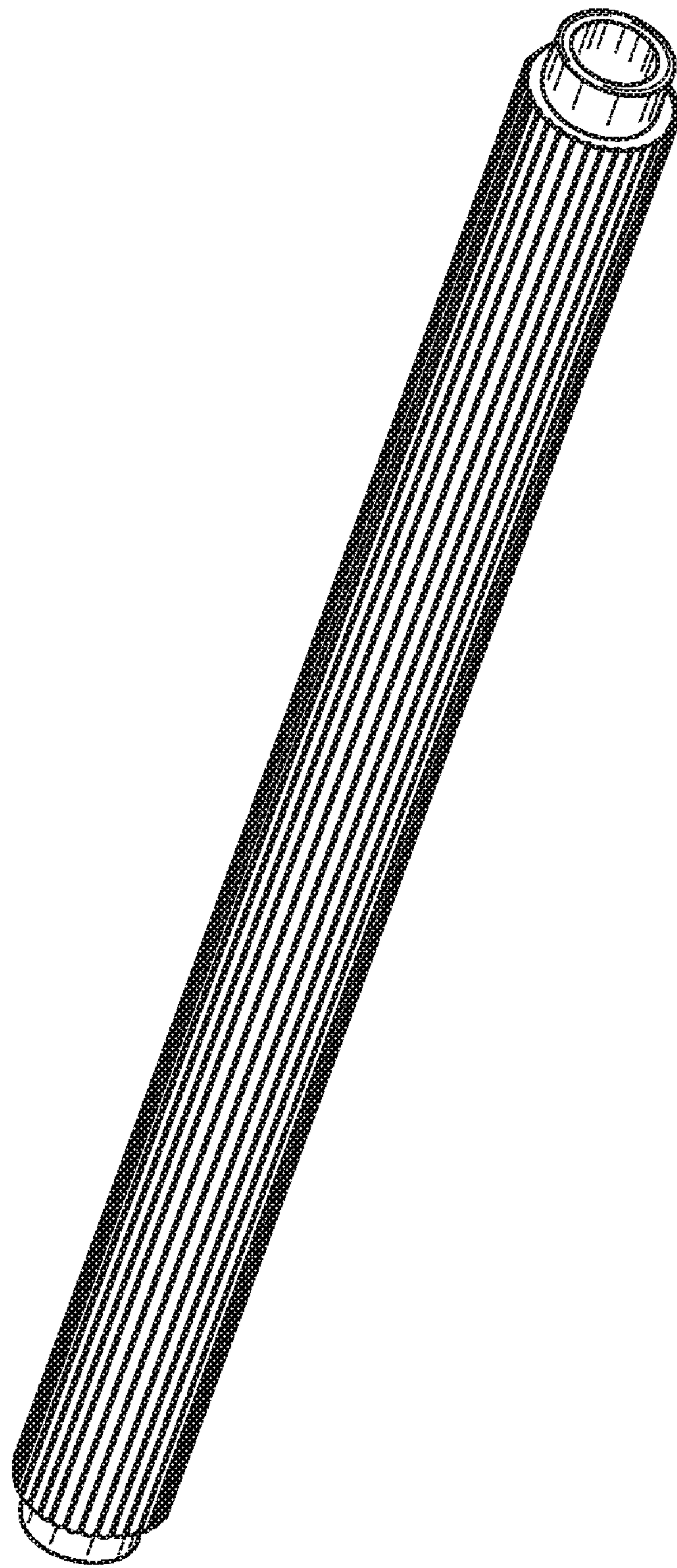
**Fig. 1**



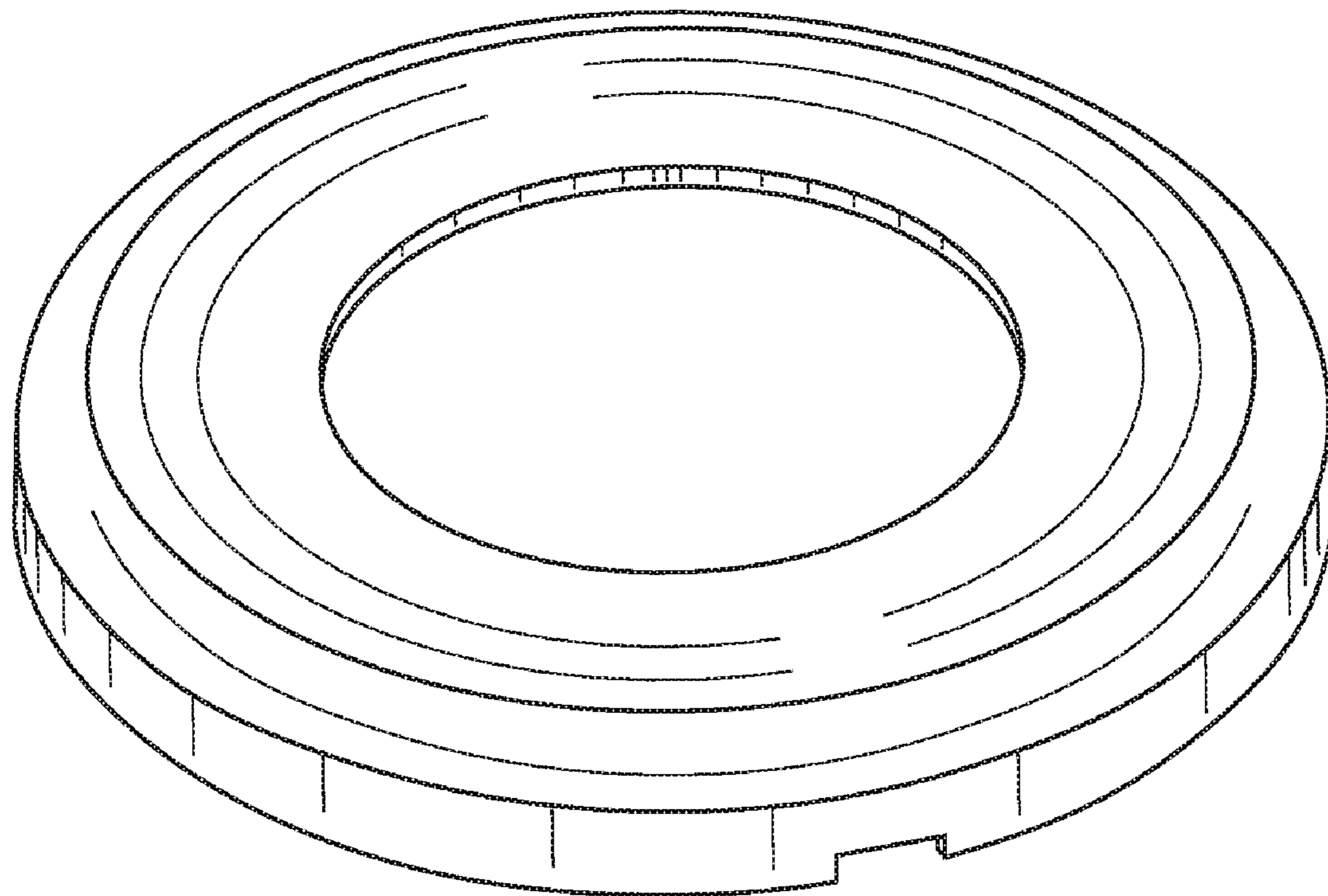
**Fig. 2**



**Fig. 3**



**Fig. 4**



**Fig. 5**