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(12) **United States Design Patent** (10) **Patent No.:** **US D509,738 S**  
**Kovara et al.** (45) **Date of Patent:** **\*\* Sep. 20, 2005**

(54) **PORTION OF BOTTLE CAP**  
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 (\*\*) Term: **14 Years**

EP	0184795	B1	5/1990	.....	B65D/55/02
EP	0181115	B1	6/1990	.....	B65D/55/02
EP	0393340	A1	10/1990	.....	B65D/55/02
EP	0164154	B2	4/1993	.....	B65D/55/02
EP	0787660	B1	12/2001	.....	B65D/50/04
EP	0780318	B1	1/2002	.....	B65D/50/04
GB	2108095	A	5/1983	.....	B65D/55/12
WO	WO 83/03810		11/1983	.....	B65D/55/02
WO	WO 89/02858		4/1989	.....	B65D/55/02
WO	WO 90/04546		5/1990	.....	B65D/50/04
WO	WO 95/15285		6/1995	.....	B65D/51/16
WO	WO 96/30275		10/1996	.....	B65D/55/02
WO	WO 98/12123		3/1998	.....	B65D/50/04
WO	WO 98/50283		11/1998	.....	B65D/50/04
WO	WO 99/57033		11/1999	.....	B65D/51/18

(21) Appl. No.: **29/178,787**

(22) Filed: **Mar. 31, 2003**

(51) **LOC (8) Cl.** ..... **09-07**

(52) **U.S. Cl.** ..... **D9/454**

(58) **Field of Search** ..... 215/200, 208,  
215/211, 214, 217, 337; D24/197-199;  
D9/434, 435, 450, 452, 453, 454, 501,  
517

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D240,595	S	*	7/1976	Kress	.....	D9/452
4,022,258	A		5/1977	Steidley	.....	141/330
D248,873	S	*	8/1978	Raitto	.....	D9/454
4,401,225	A	*	8/1983	Schwaikert	.....	215/211
4,574,967	A		3/1986	Schuster et al.	.....	215/276
4,577,769	A	*	3/1986	Delia	.....	215/211
4,728,006	A		3/1988	Drobish et al.	.....	222/181
5,100,058	A		3/1992	Wei	.....	239/273
D384,886	S	*	10/1997	Plante	.....	D9/436
6,059,542	A		5/2000	Chou	.....	417/360
6,164,768	A		12/2000	Murphy et al.	.....	347/85
D465,731	S	*	11/2002	Brant et al.	.....	D9/453
D481,801	S	*	11/2003	Whitley	.....	D9/435

**FOREIGN PATENT DOCUMENTS**

DE	2335880		1/1974		
DE	3216229	C2	6/1983	.....	B65D/41/34
DE	3727965	A1	10/1988	.....	B65D/47/08
EP	0343778	A1	11/1989	.....	B65D/55/02

\* cited by examiner

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(57) **CLAIM**

The ornamental design for a portion of bottle cap, as shown and described.

**DESCRIPTION**

In a preferred embodiment, the nature of this product is an axially outer end of a bottle cap useful in connection with a dispenser system which receives bottles to replenish the dispenser system.

FIG. 1 is a top, right, front perspective view of a portion of bottle cap embodying our new design;

FIG. 2 is a top plan view thereof;

FIG. 3 is a front elevational view thereof, the left and right side elevational views and the rear elevational view being identical to the front side shown;

FIG. 4 is a top, right, front perspective view of a second embodiment;

FIG. 5 is a top plan view thereof; and,

FIG. 6 is a front elevational view thereof, the left and right side elevational views and the rear elevational view being identical to the front side shown.

The broken line representations of holes in FIGS. 1, 2, 3, and 4, of ridges in FIGS. 1-3, and of side structure in FIGS. 1-6, are for the purpose of illustration only, and form no part of the claimed design.

**1 Claim, 2 Drawing Sheets**

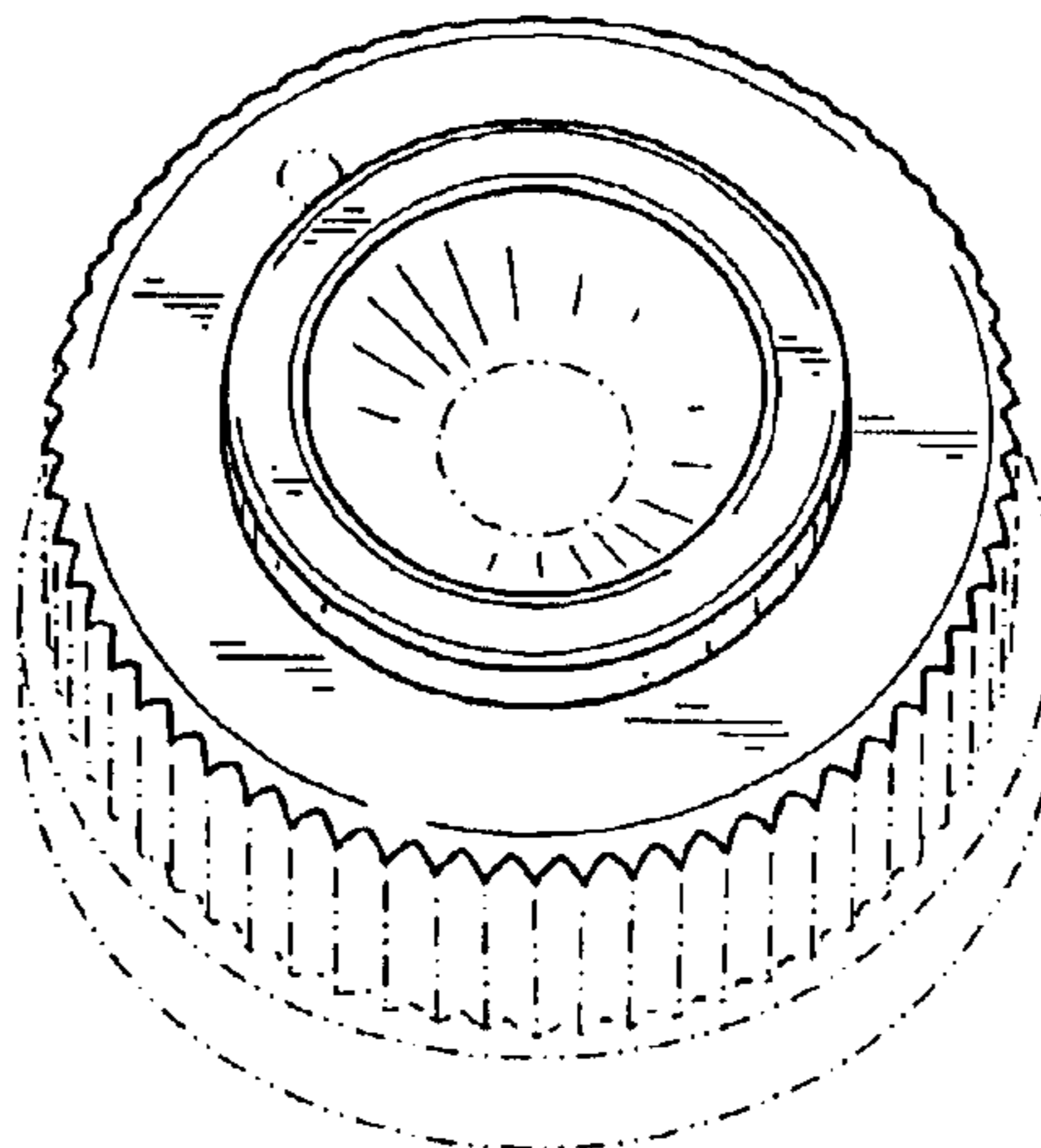


FIG. 1

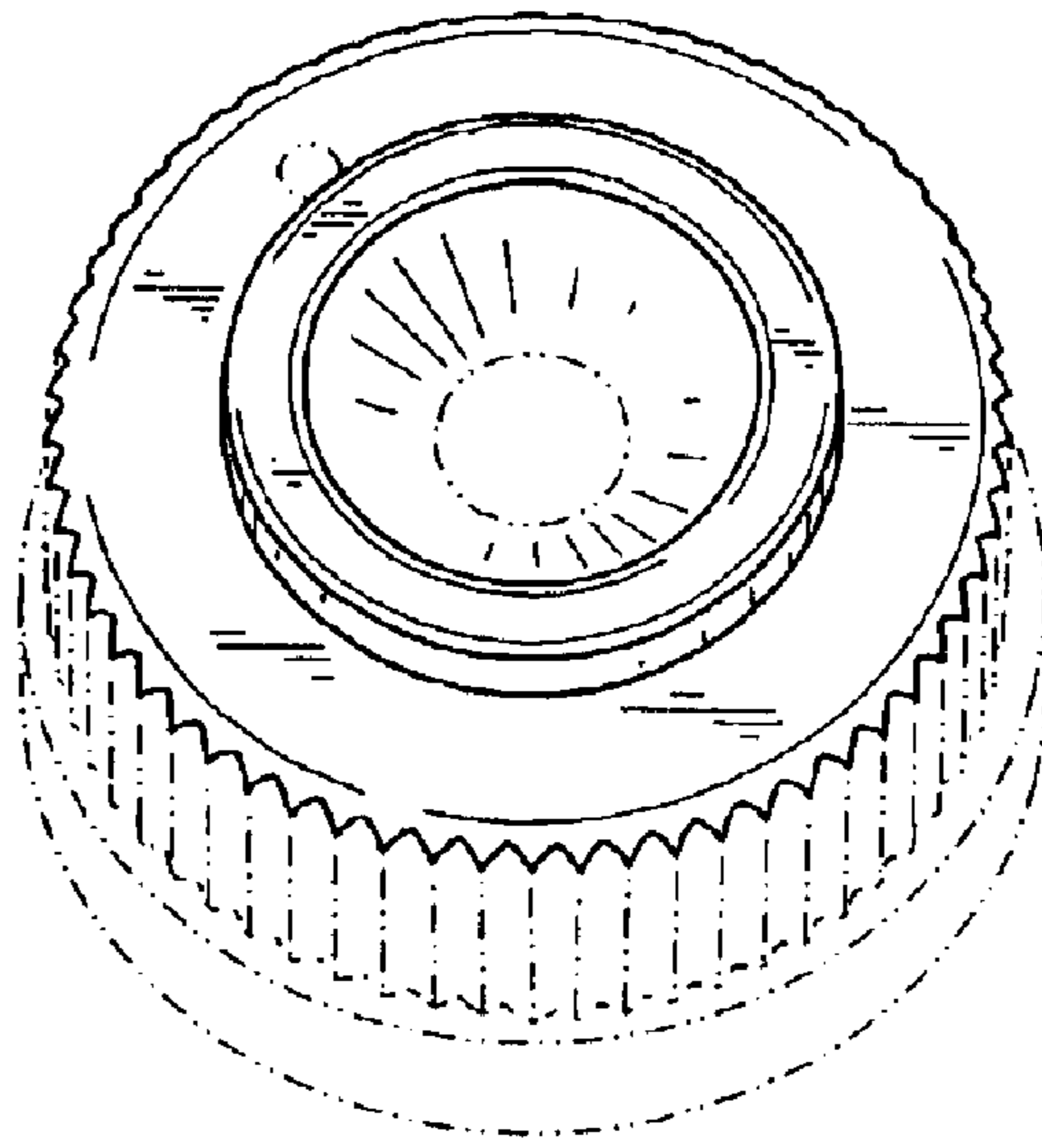


FIG. 2

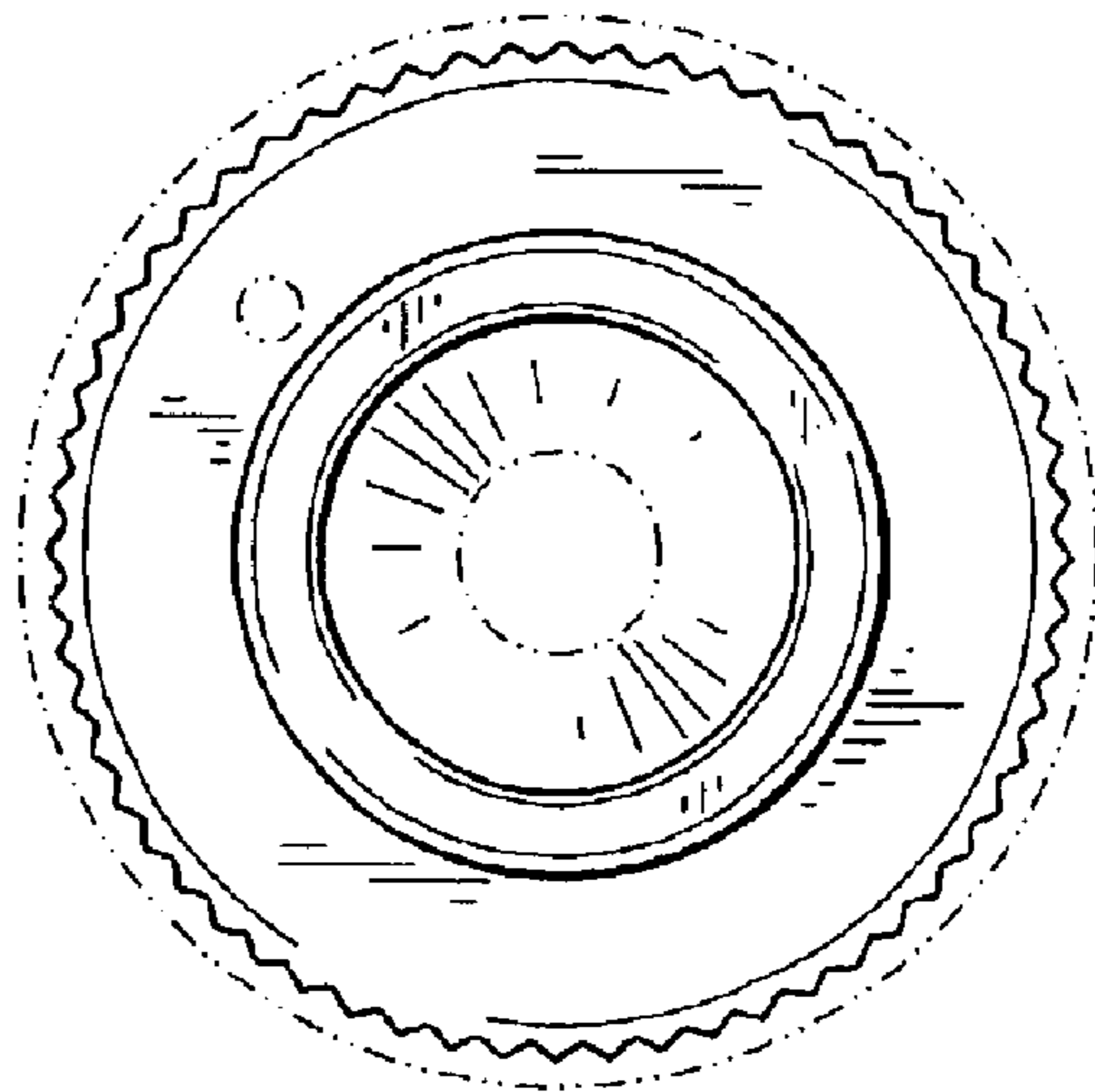


FIG. 3

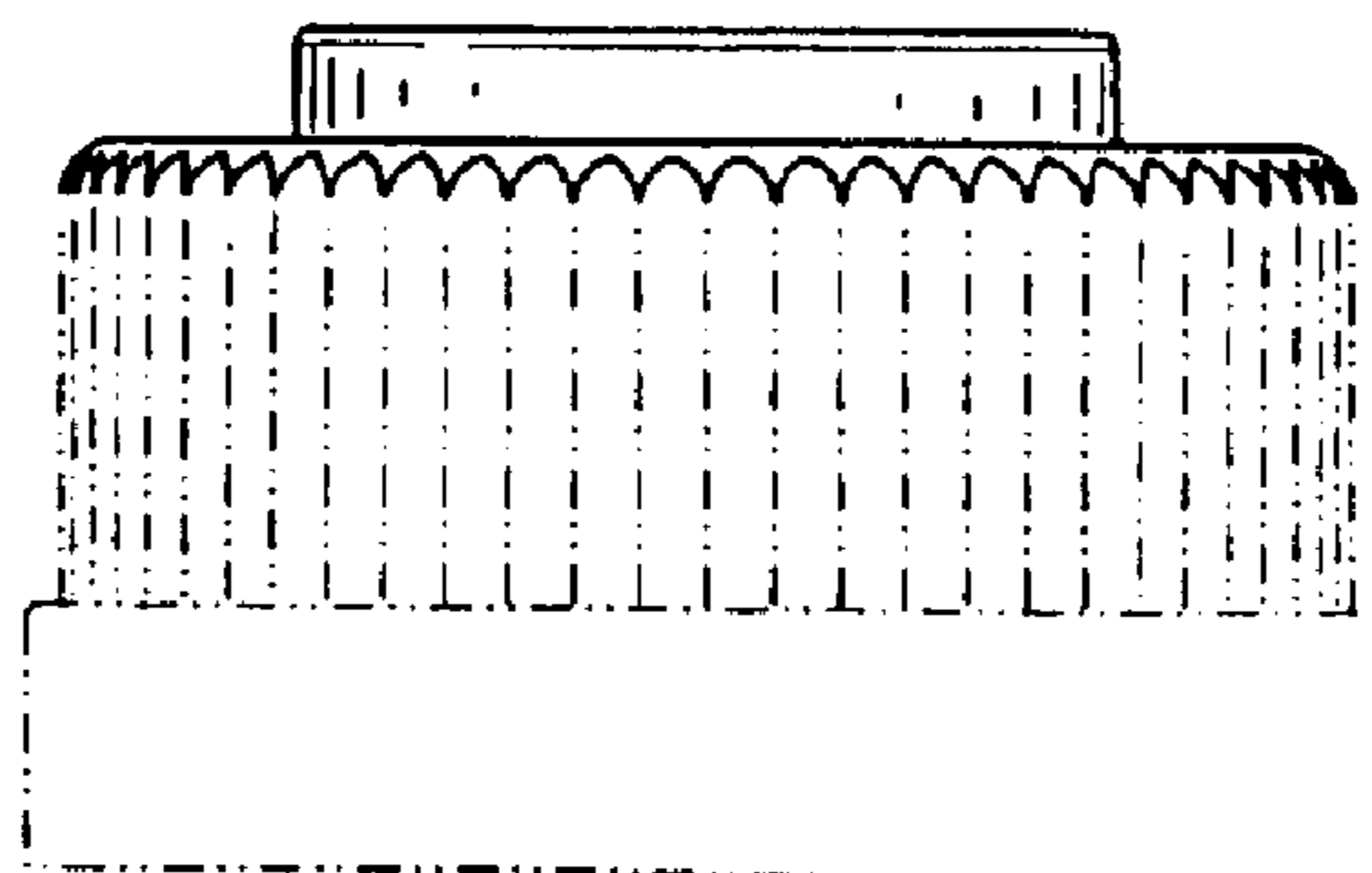


FIG. 4

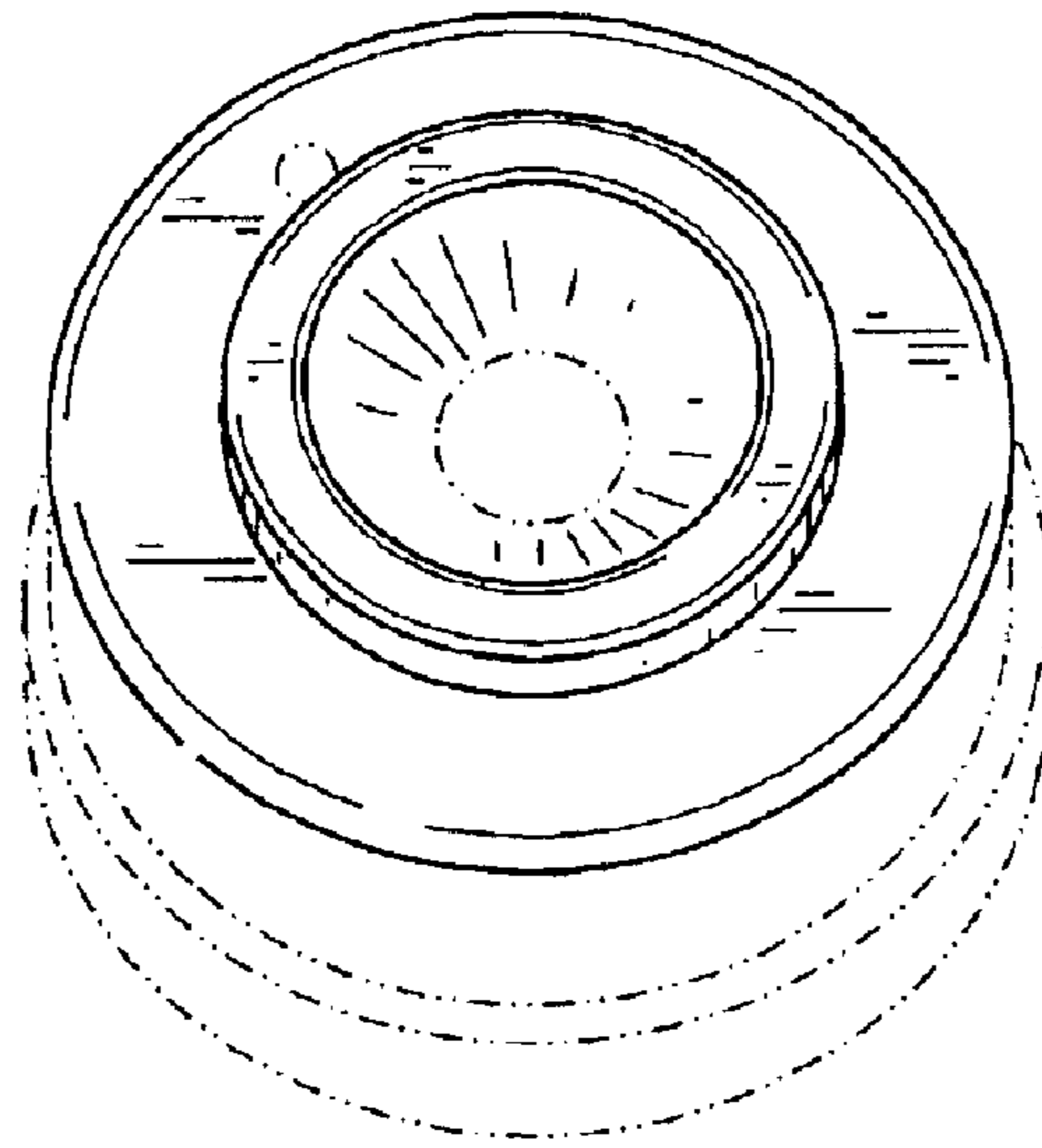


FIG. 5

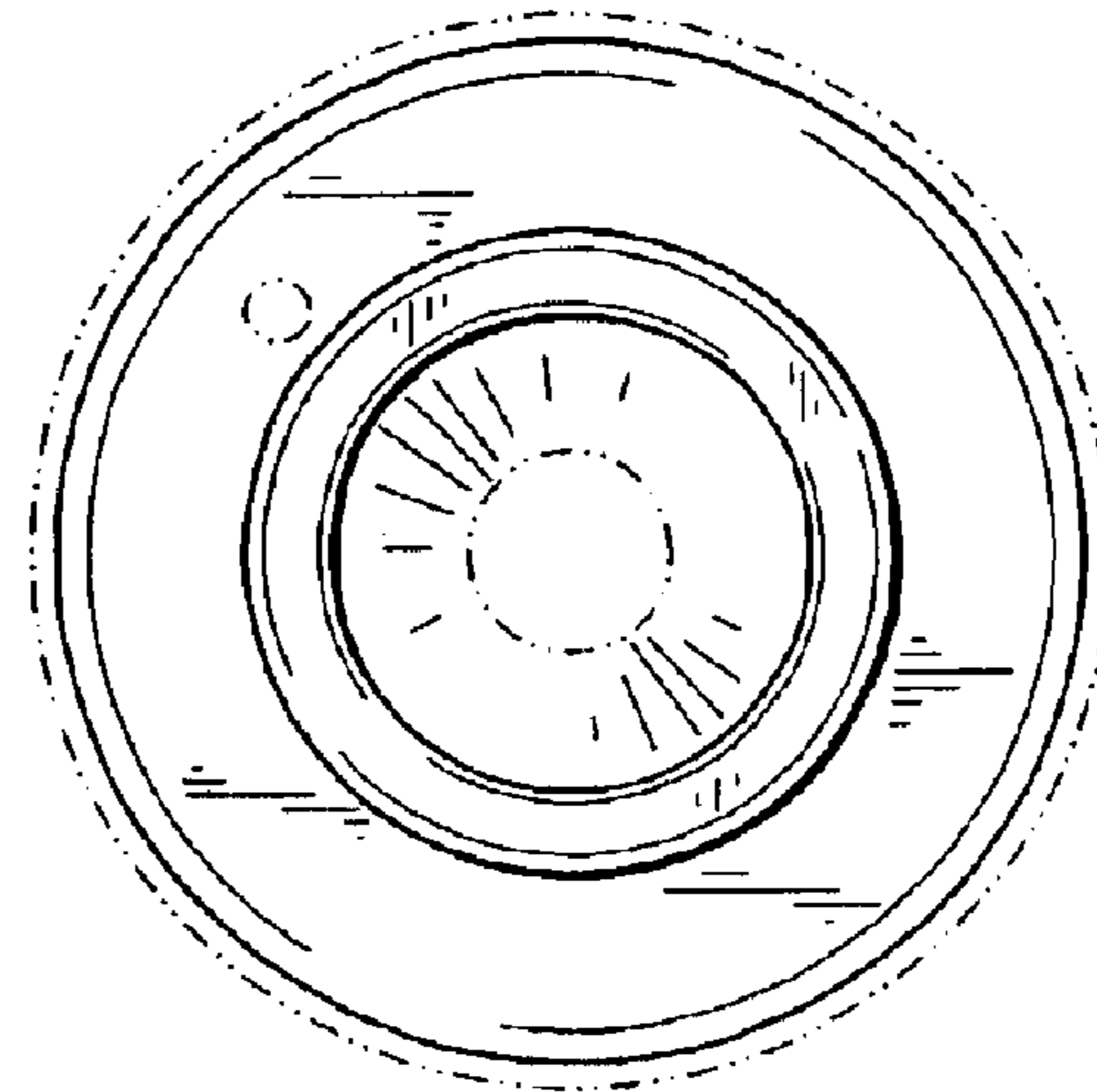


FIG. 6

