

US00D516594S

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

(10) **Patent No.:** **US D516,594 S**
(45) **Date of Patent:** **** Mar. 7, 2006**

(54) **HOLE SAW**
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(73) Assignee: **Kennametal Inc.**, Latrobe, PA (US)
(**) Term: **14 Years**
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(51) **LOC (8) Cl.** **15-09**
(52) **U.S. Cl.** **D15/139**
(58) **Field of Classification Search** D15/139;
408/200-225, 1 R
See application file for complete search history.

5,035,550 A 7/1991 Ajimi
5,061,126 A 10/1991 Cain et al.
5,096,341 A 3/1992 Despres
5,171,111 A 12/1992 Kishimoto
5,205,685 A 4/1993 Herbert
5,226,762 A 7/1993 Ecker
5,352,071 A 10/1994 Cochran et al.
5,413,437 A 5/1995 Bristow
5,435,672 A 7/1995 Hall et al.
5,492,021 A 2/1996 Bourgeois et al.
5,651,646 A 7/1997 Banke et al.
5,658,102 A 8/1997 Gale
D391,974 S 3/1998 Brutscher
D392,297 S 3/1998 Brutscher
5,743,682 A 4/1998 Chaney, Sr.
5,803,677 A 9/1998 Brutscher et al.
5,803,678 A 9/1998 Korb et al.
5,816,752 A 10/1998 Benjamin
5,820,315 A 10/1998 Collard

(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

1,231,551 A 7/1917 Alexander
3,648,508 A 3/1972 Hougen
3,672,785 A 6/1972 Bryne
3,758,221 A 9/1973 Meshulam
3,784,316 A 1/1974 Bittern
3,848,687 A 11/1974 Funakubo
3,880,546 A 4/1975 Segal
3,973,862 A 8/1976 Segal
3,976,387 A 8/1976 Segal
4,072,441 A 2/1978 LaPointe
4,077,737 A 3/1978 Morse
4,148,593 A 4/1979 Clark
4,203,692 A 5/1980 Jensen
4,279,551 A 7/1981 Wilterding
4,422,811 A 12/1983 Ellison et al.
4,548,118 A 10/1985 Brosch
D282,369 S 1/1986 de Villiers
4,579,486 A 4/1986 Damico
4,652,185 A 3/1987 Malrick
4,669,928 A 6/1987 Mediavilla
4,741,651 A 5/1988 Despres
4,755,087 A 7/1988 Parent
D303,118 S 8/1989 Cox
5,007,777 A 4/1991 Itokazu
5,035,548 A 7/1991 Pidgeon

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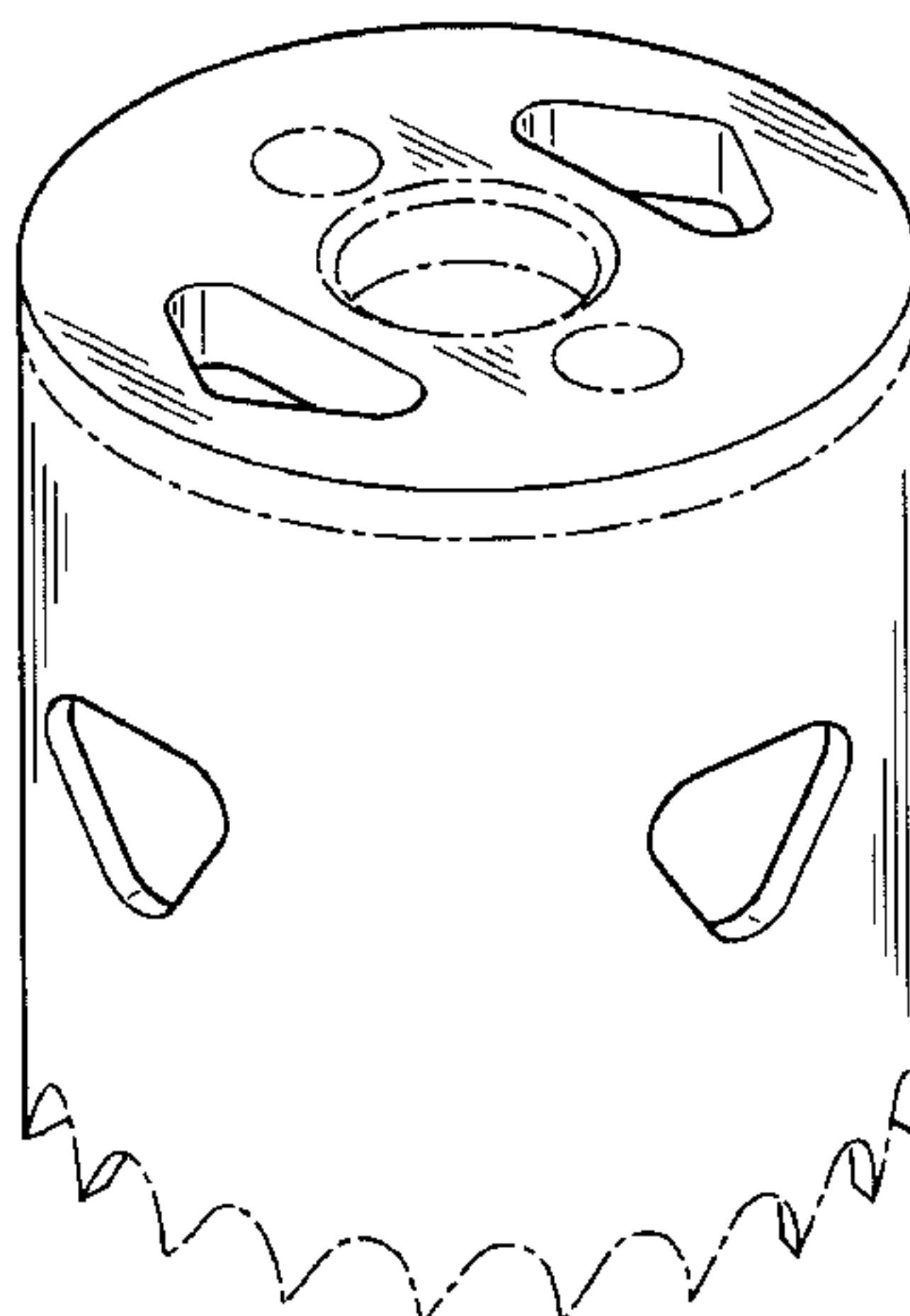
(57) **CLAIM**

The ornamental design for a hole saw, as shown and described.

DESCRIPTION

FIG. 1 is a side elevational view of a hole saw of the present design;
FIG. 2 is a top view of the hole saw of FIG. 1;
FIG. 3 is a bottom view of the hole saw of FIG. 1;
FIGS. 4 and 5 are perspective views of the hole saw of FIG. 1; and
FIG. 6 is a side elevational view of another embodiment of the hole saw of the present design;
FIG. 7 is a top view of the hole saw of FIG. 6;
FIG. 8 is a bottom view of the hole saw of FIG. 6; and,
FIGS. 9 and 10 are perspective views of the hole saw of FIG. 6.
The broken line showing is for illustrative purposes only and forms no part of the claimed design.

1 Claim, 4 Drawing Sheets



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U.S. PATENT DOCUMENTS

5,904,454 A	5/1999	Washer	6,409,437 B1	6/2002	Metzger	
5,934,845 A	8/1999	Frey	6,412,578 B1	7/2002	Baird	
6,065,909 A	5/2000	Cook	D478,106 S *	8/2003	Morton et al.	D15/139
D438,219 S	2/2001	Brutscher	D478,339 S *	8/2003	Morton et al.	D15/139
6,305,885 B1	10/2001	Linthicum	D478,919 S *	8/2003	Morton et al.	D15/139
6,341,925 B1	1/2002	Despres	6,705,807 B1 *	3/2004	Rudolph et al.	408/1 R
6,378,629 B1	4/2002	Baird	2002/0020562 A1	2/2002	Baird	
6,409,436 B1	6/2002	Despres	2002/0037201 A1	3/2002	Despres	

* cited by examiner

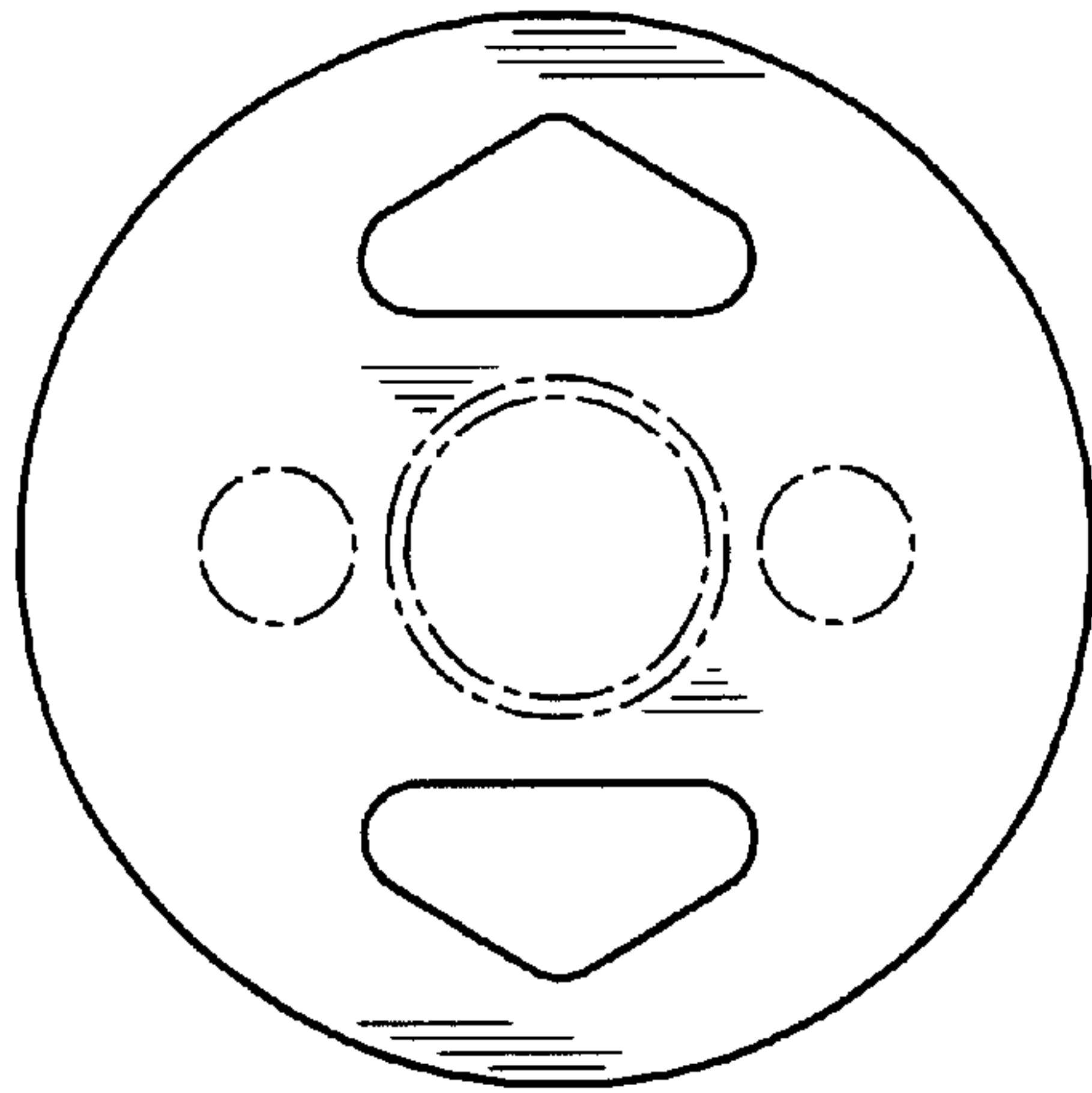


FIG. 2

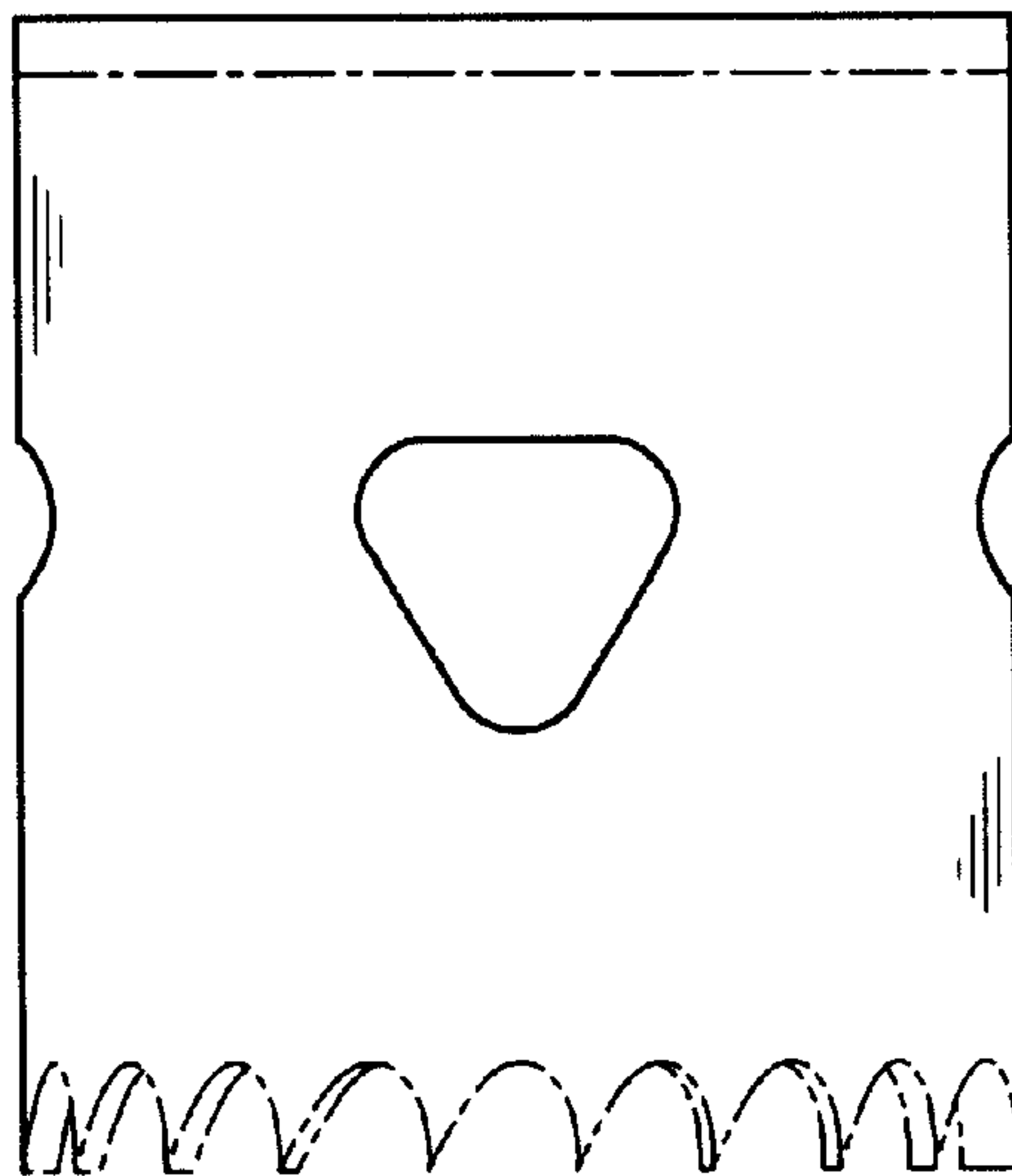


FIG. 1

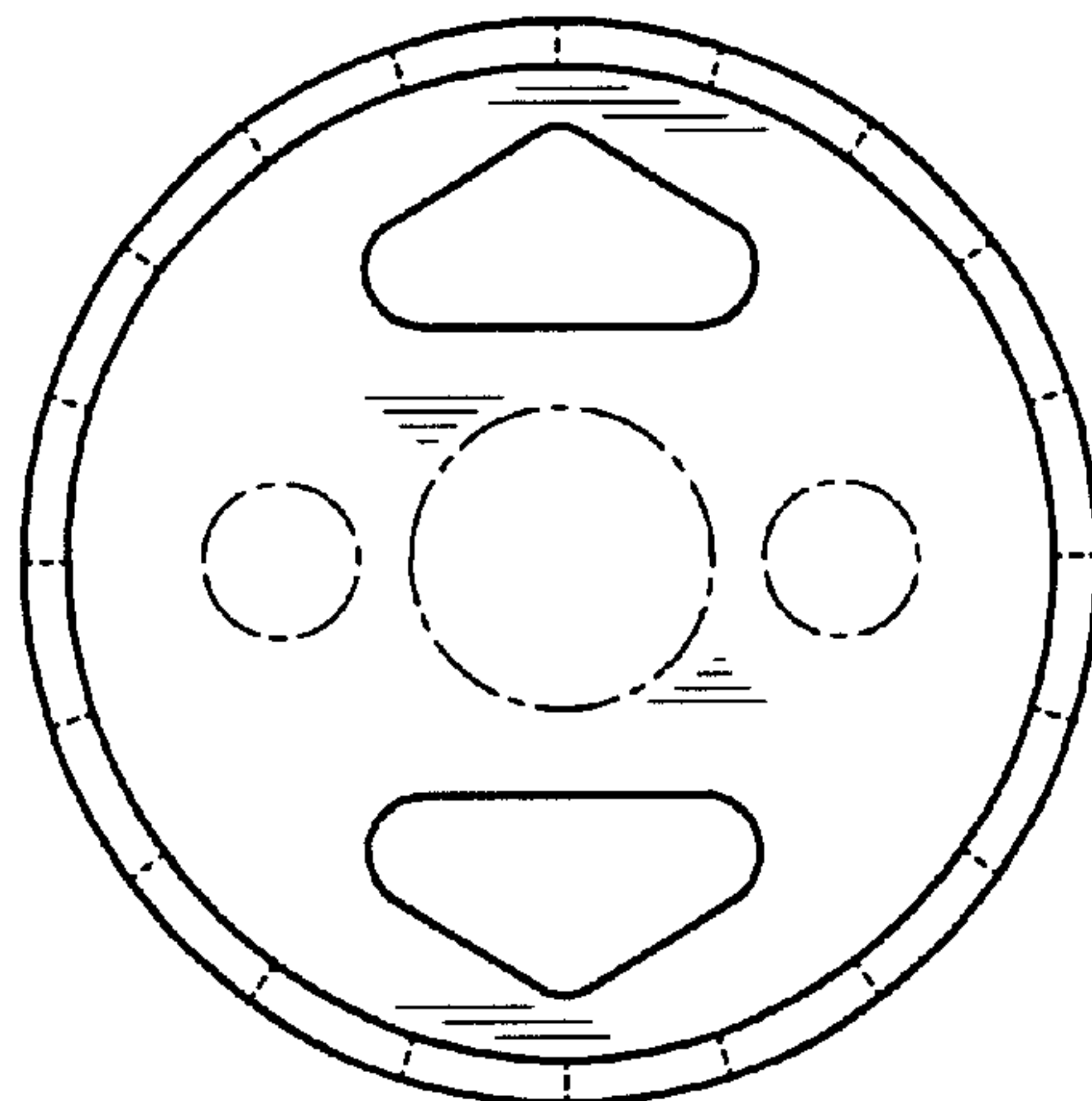


FIG. 3

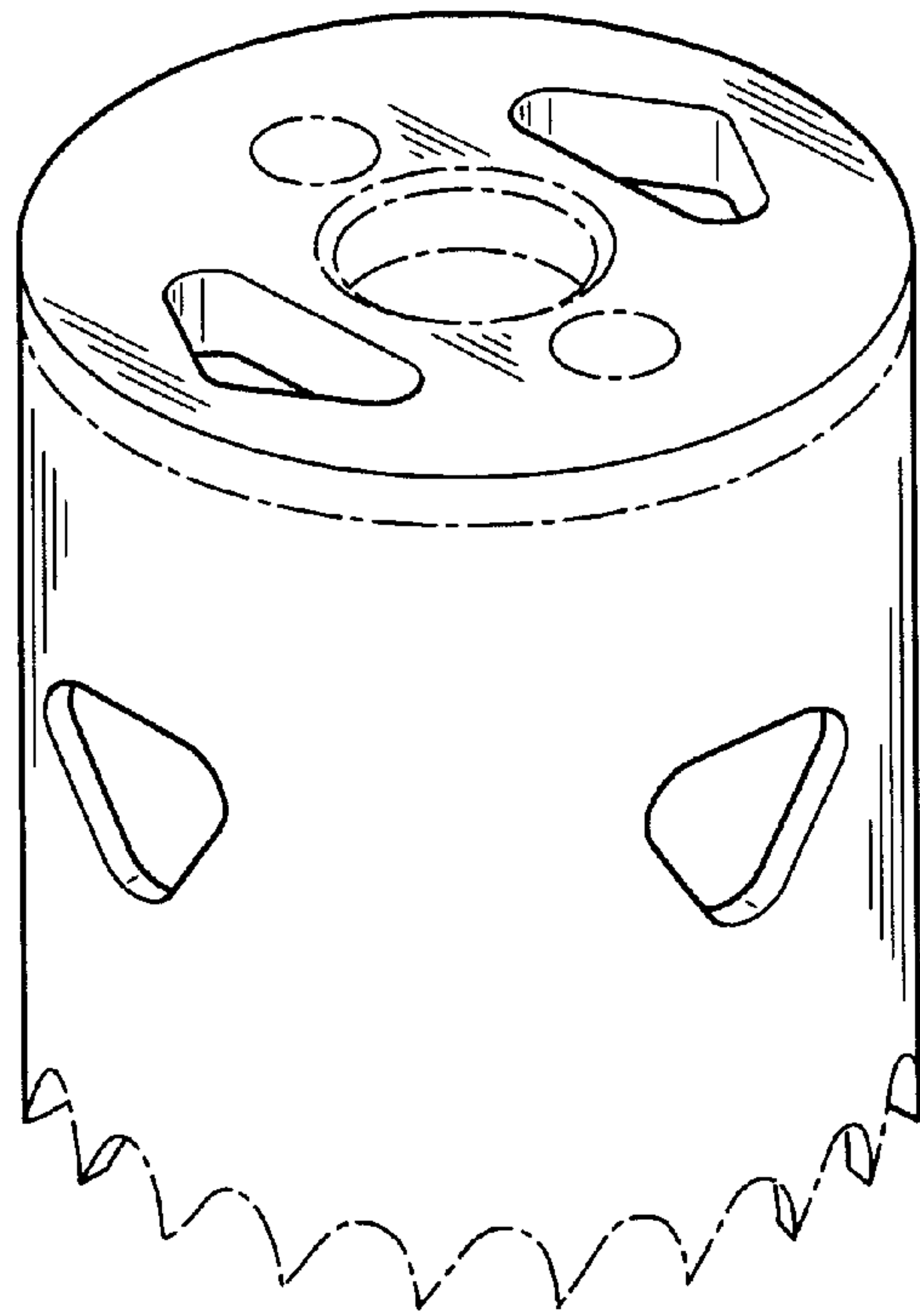


FIG. 4

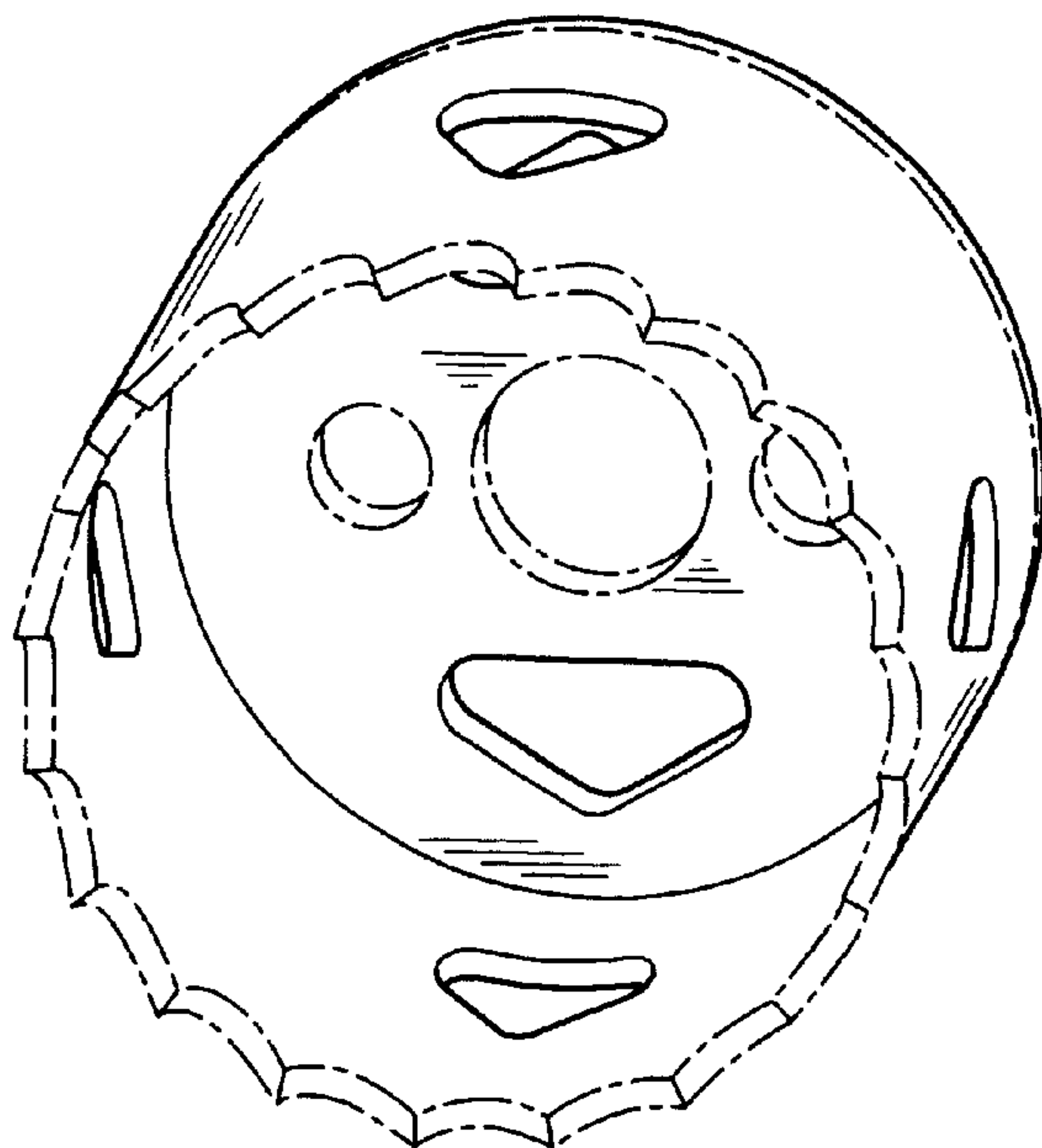


FIG. 5

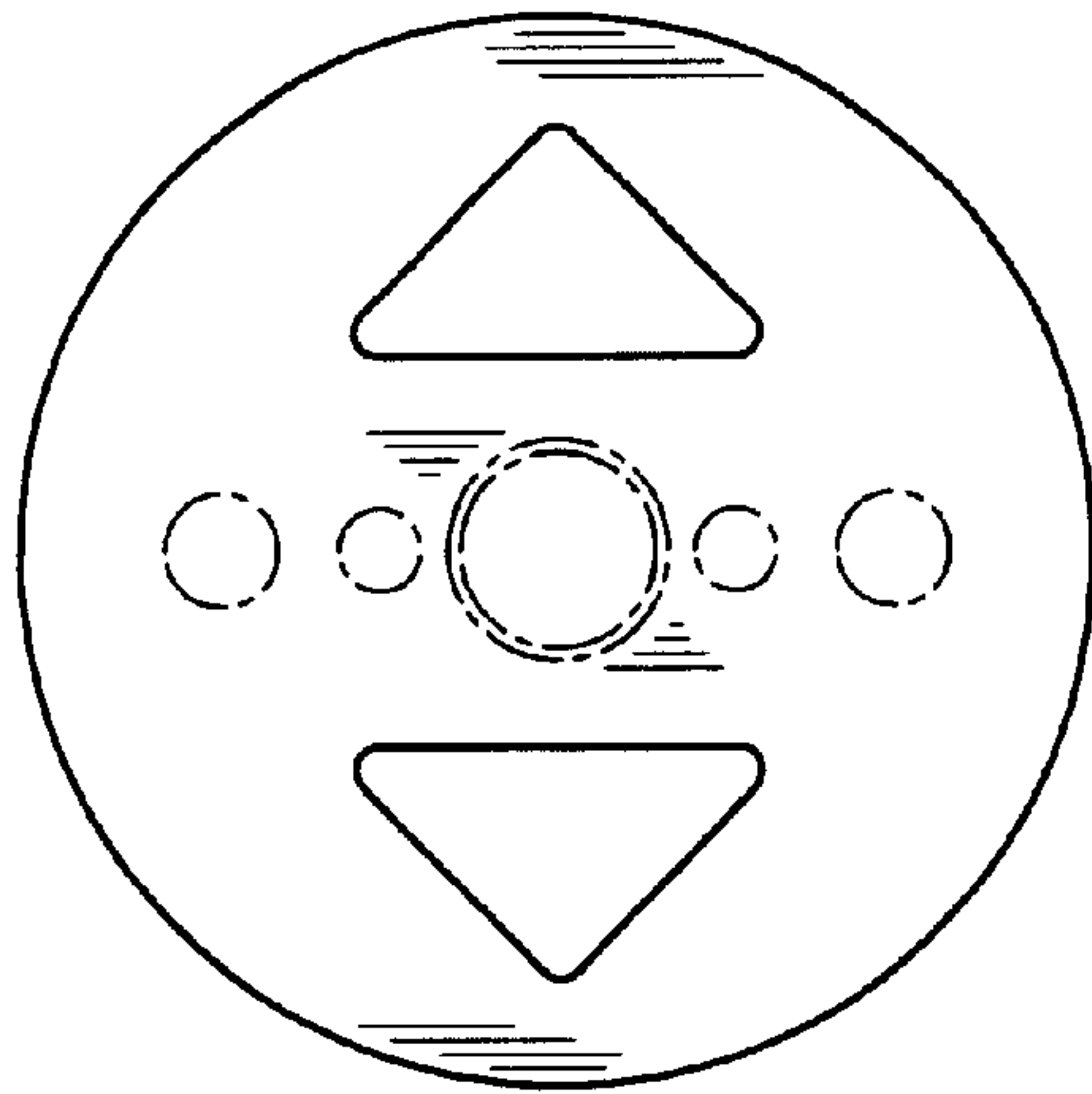


FIG. 7

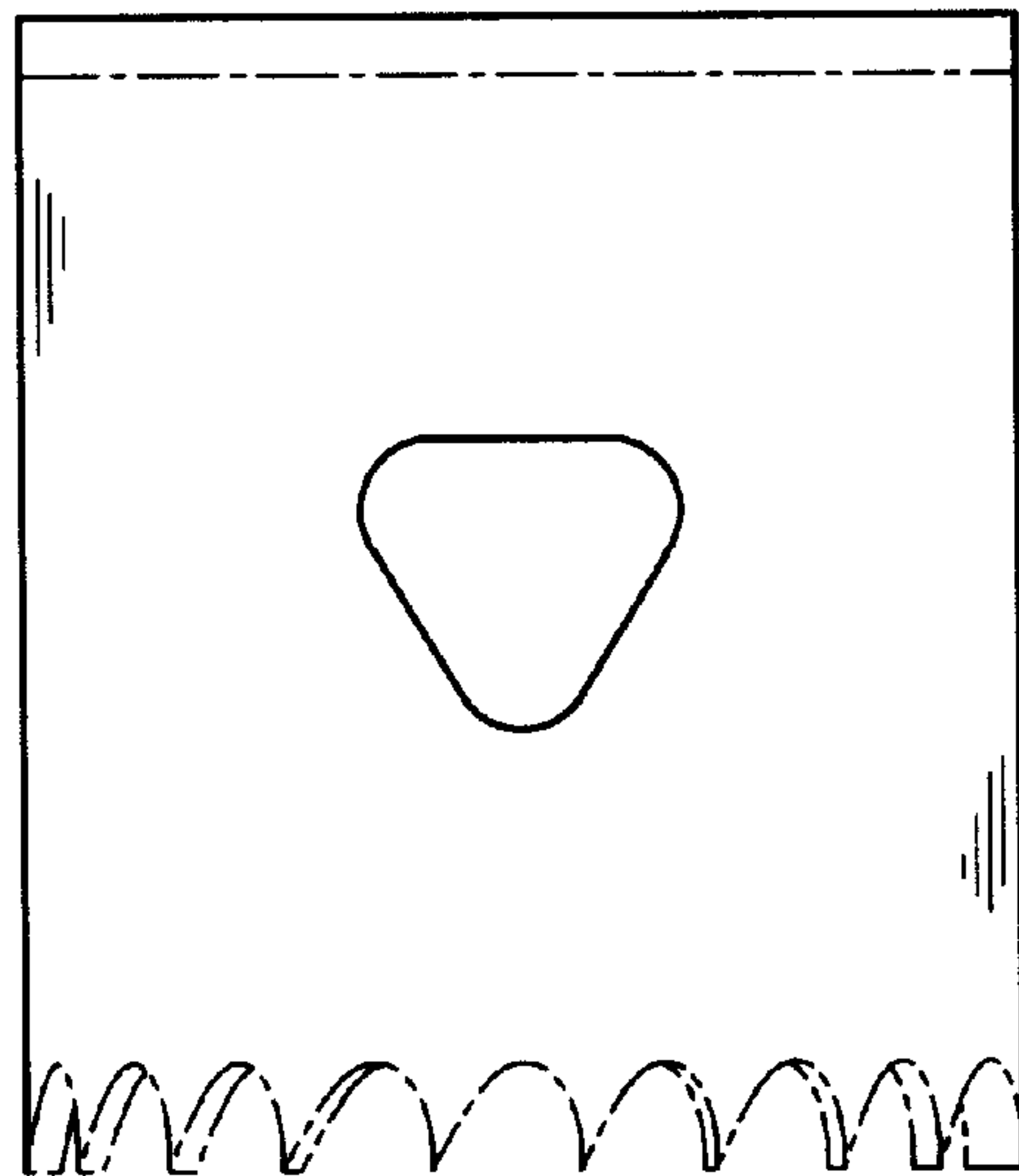


FIG. 6

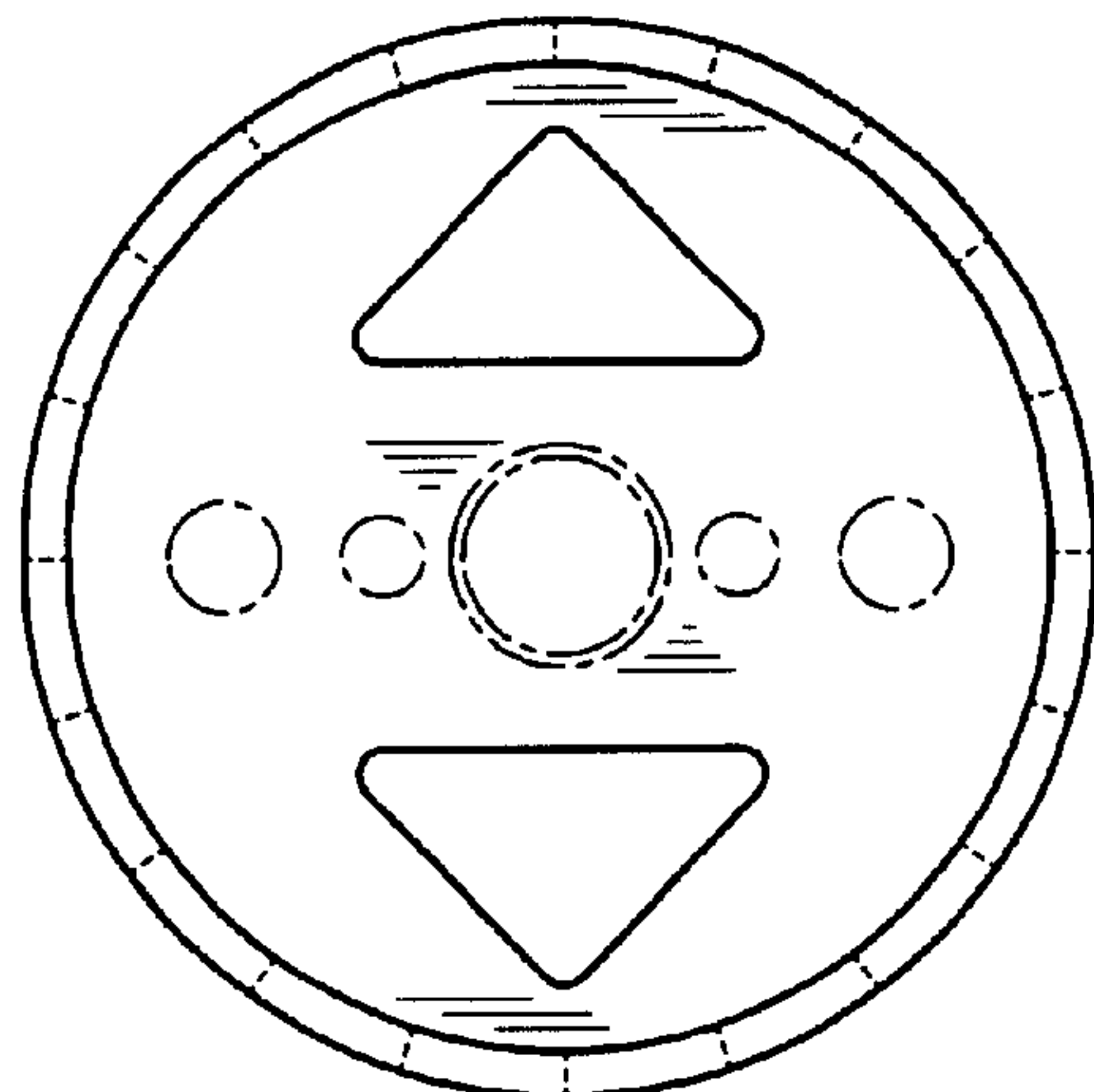


FIG. 8

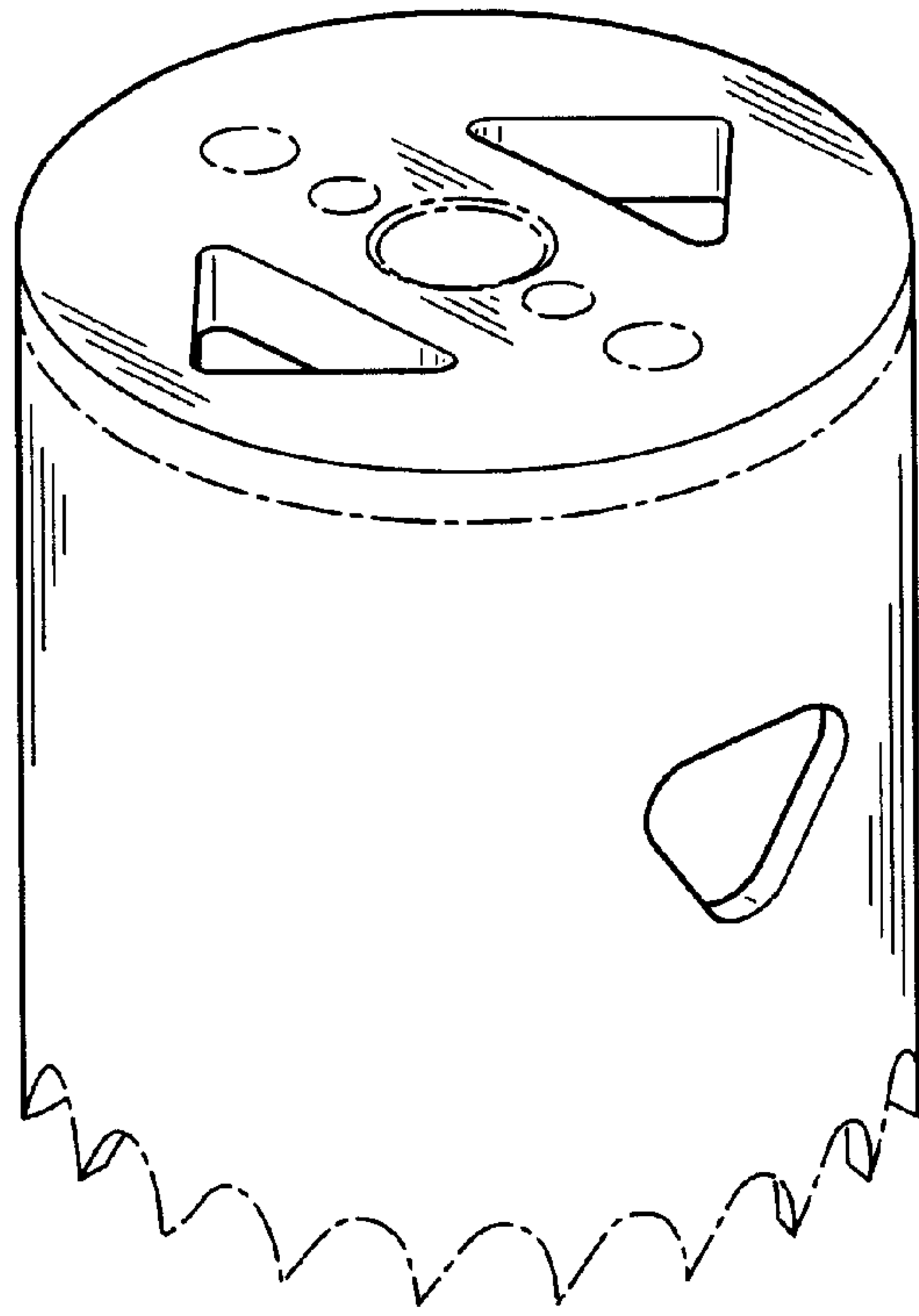


FIG. 9

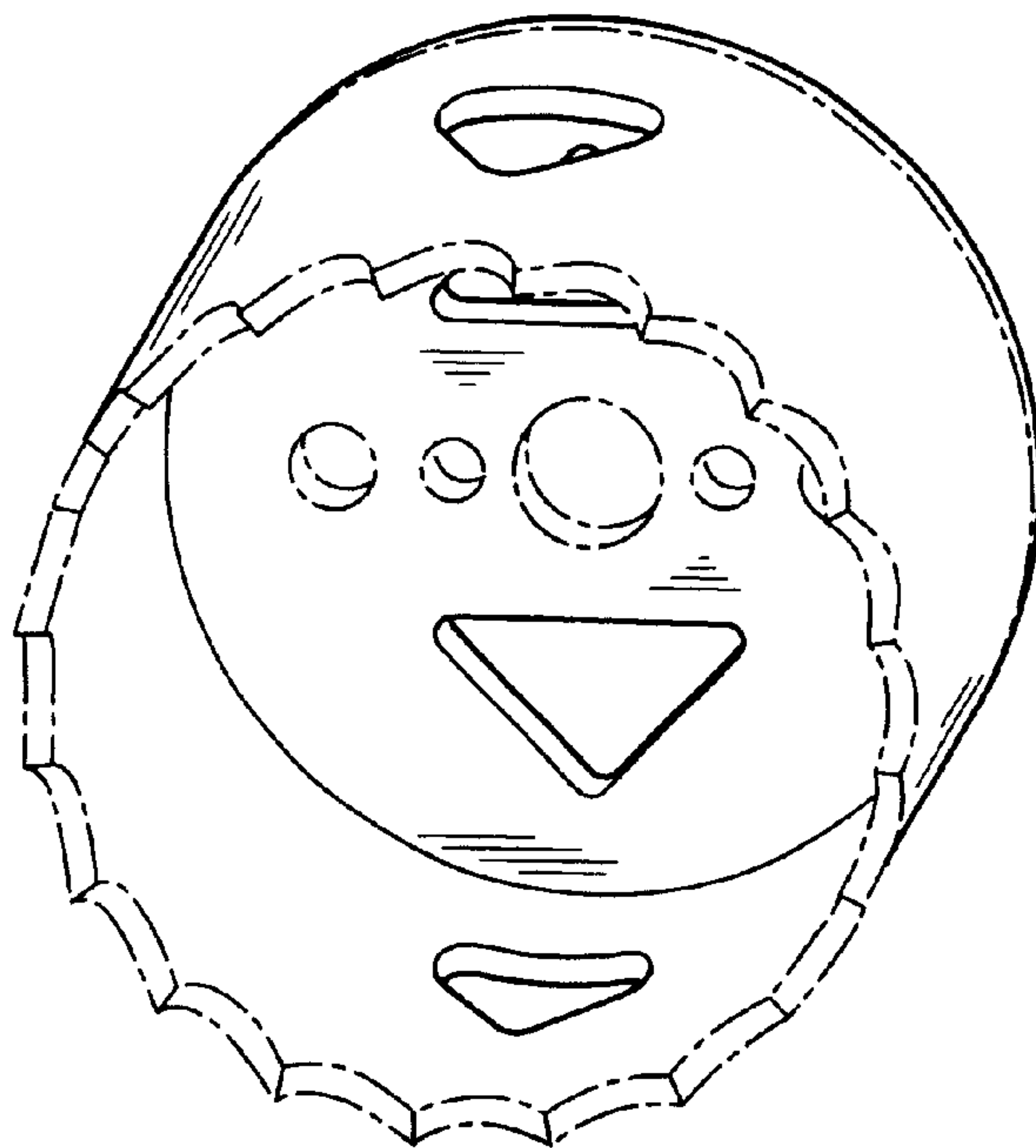


FIG. 10