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(12) United States Design Patent

Morton

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(54) **HOLE SAW**

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(73) Assignee: **Kennametal Inc.**, Latrobe, PA (US)

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

(21) Appl. No.: **29/204,568**

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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.

(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
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)

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(57) **CLAIM**

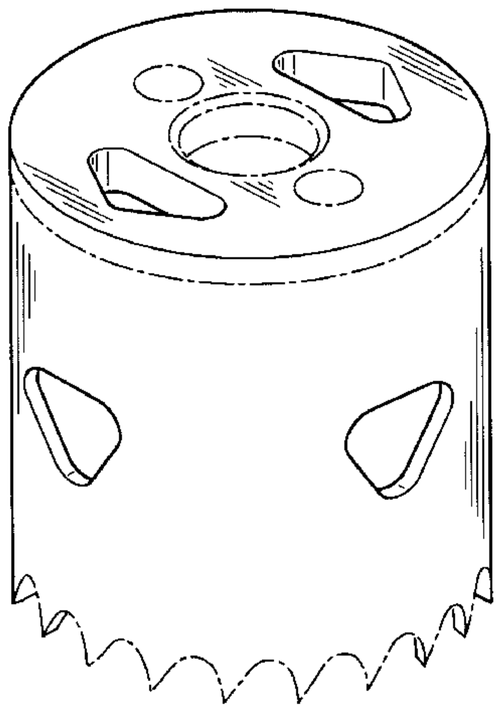
The ornamental design for a hole saw, as shown and described.

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



U.S. PATENT DOCUMENTS

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

* cited by examiner

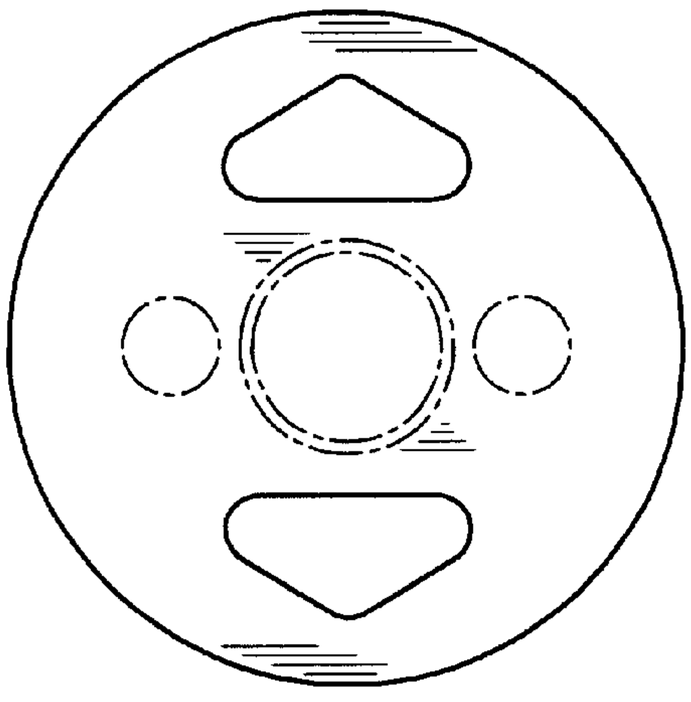


FIG. 2

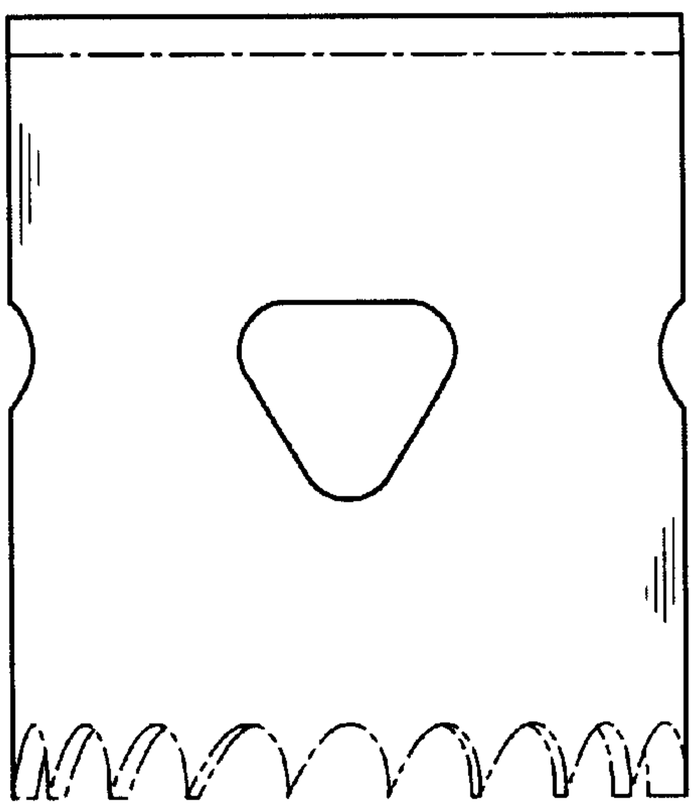


FIG. 1

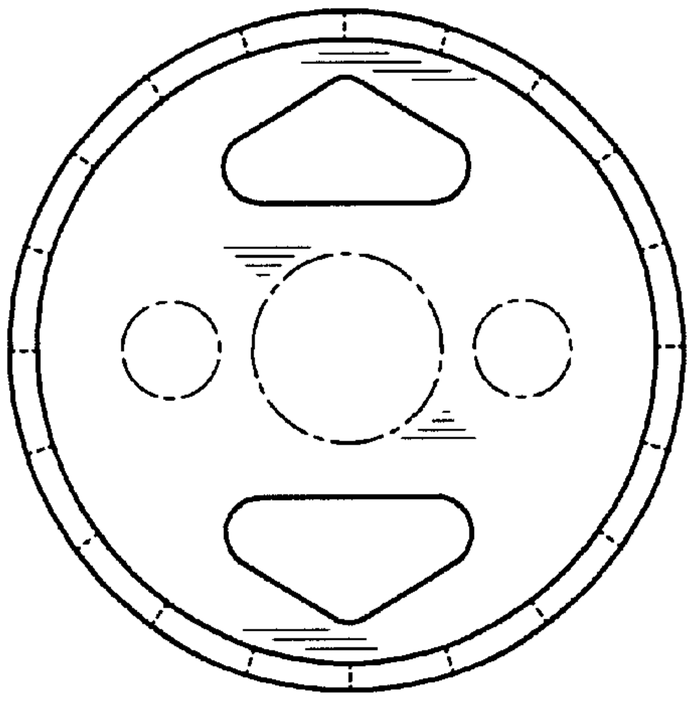


FIG. 3

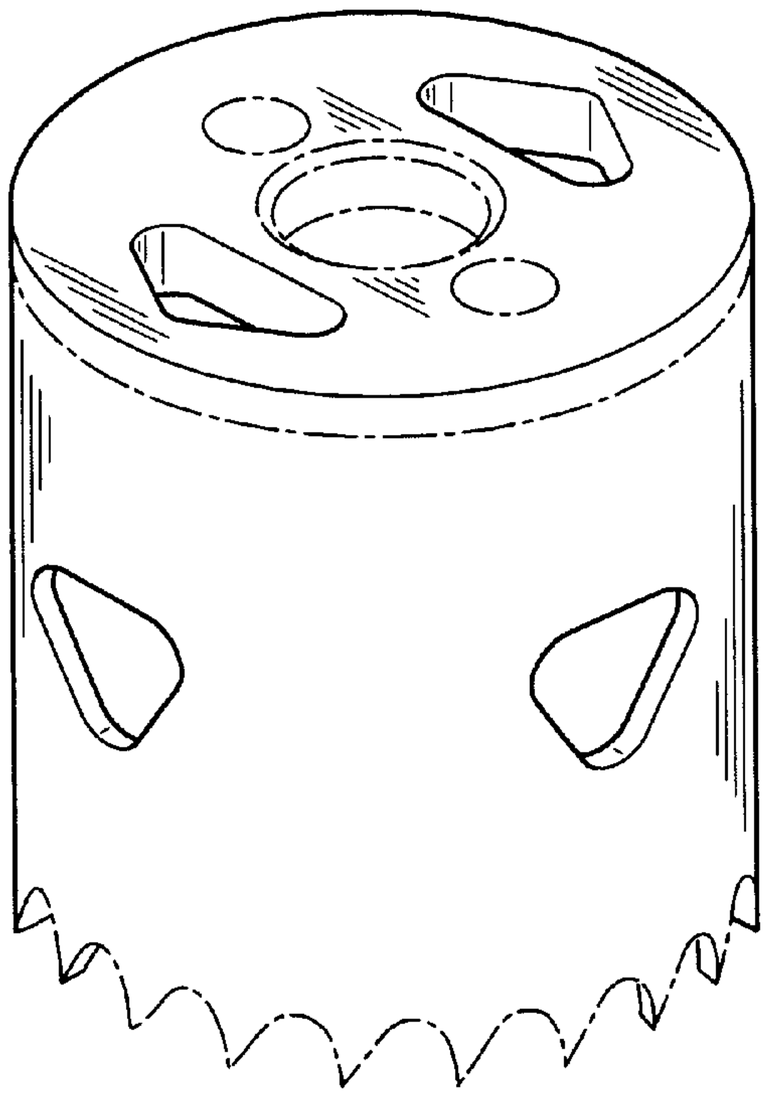


FIG. 4

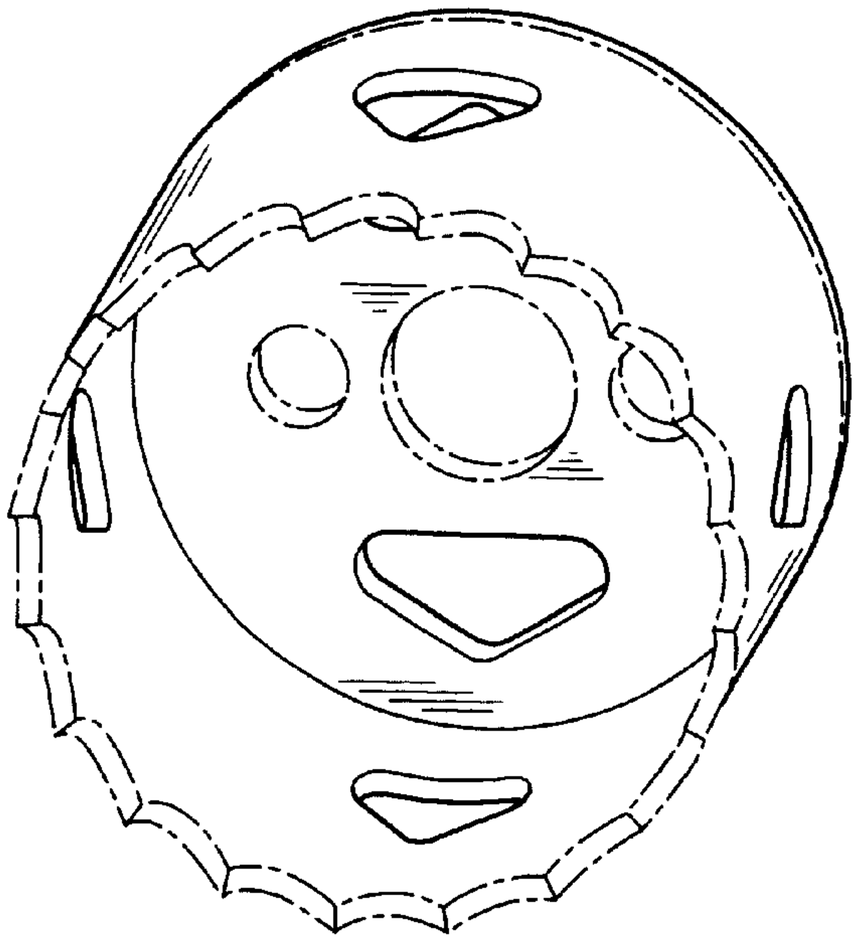


FIG. 5

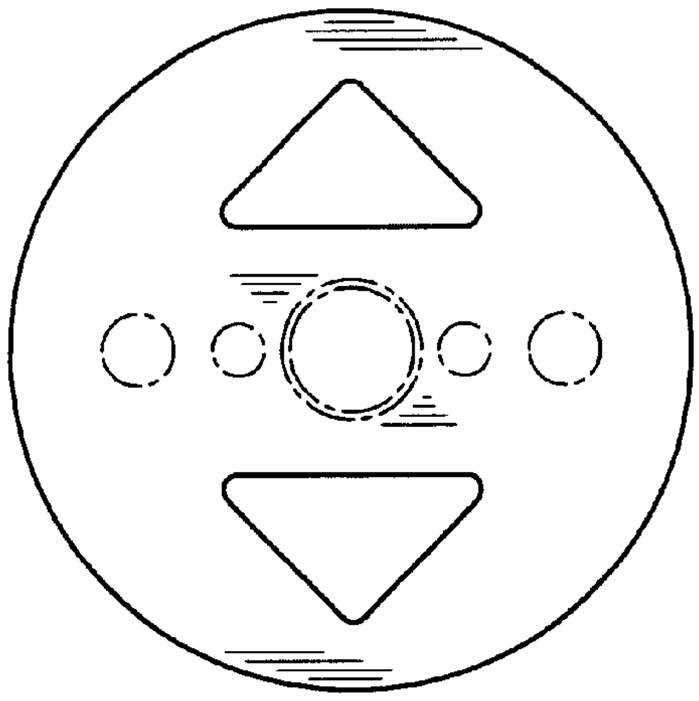


FIG. 7

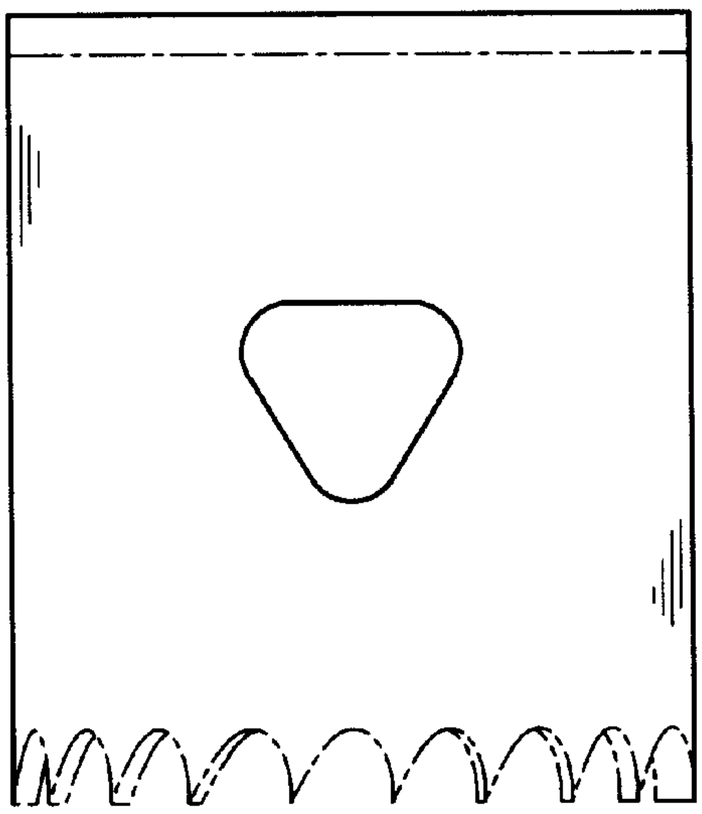


FIG. 6

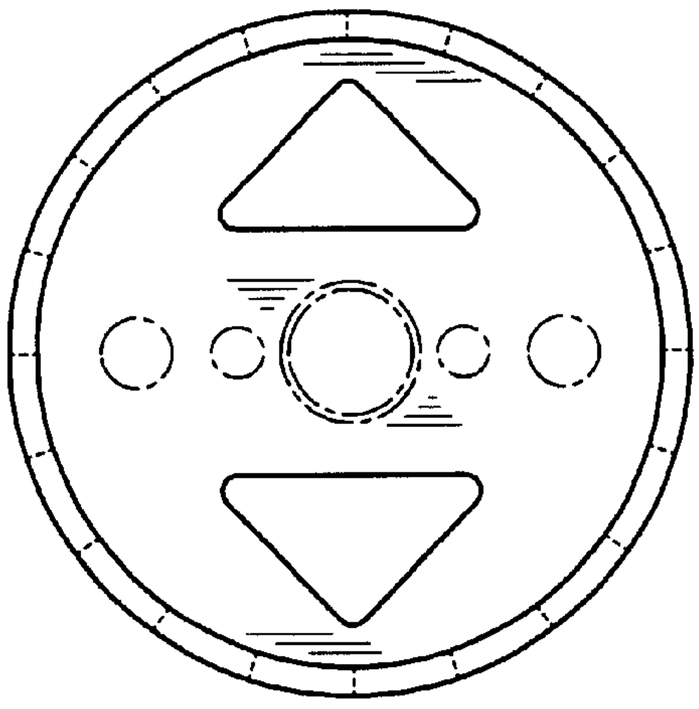


FIG. 8

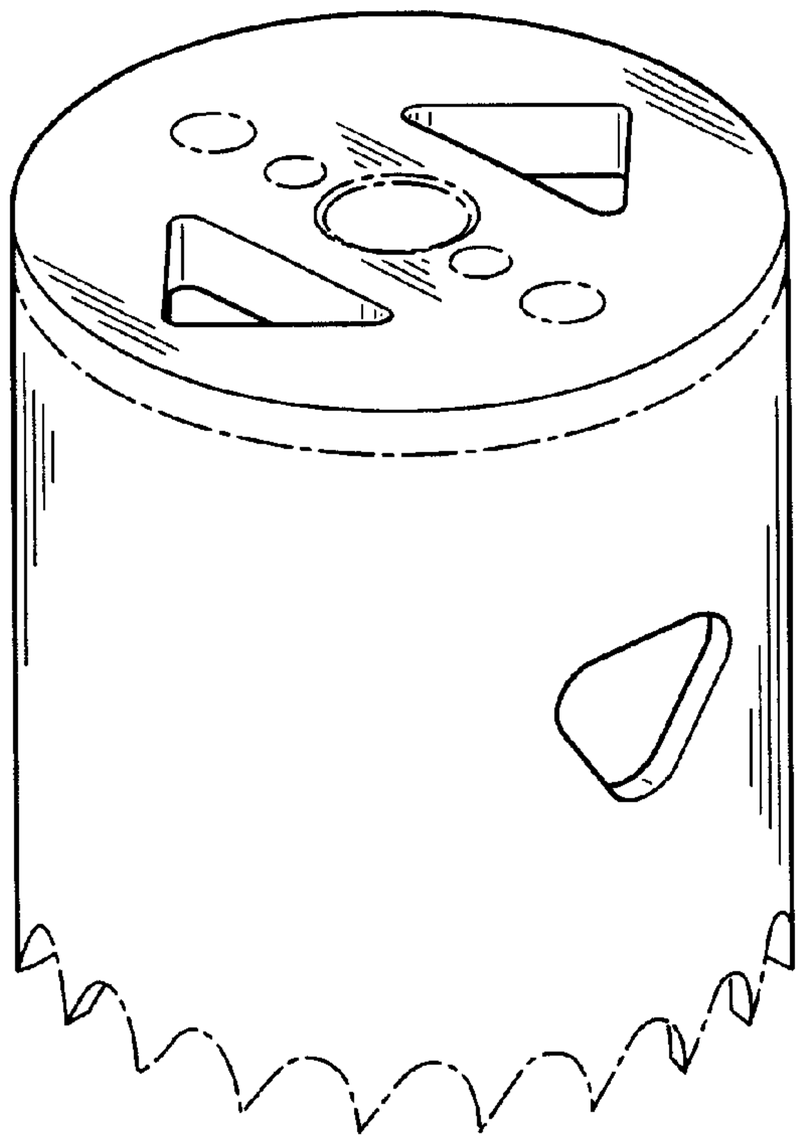


FIG. 9

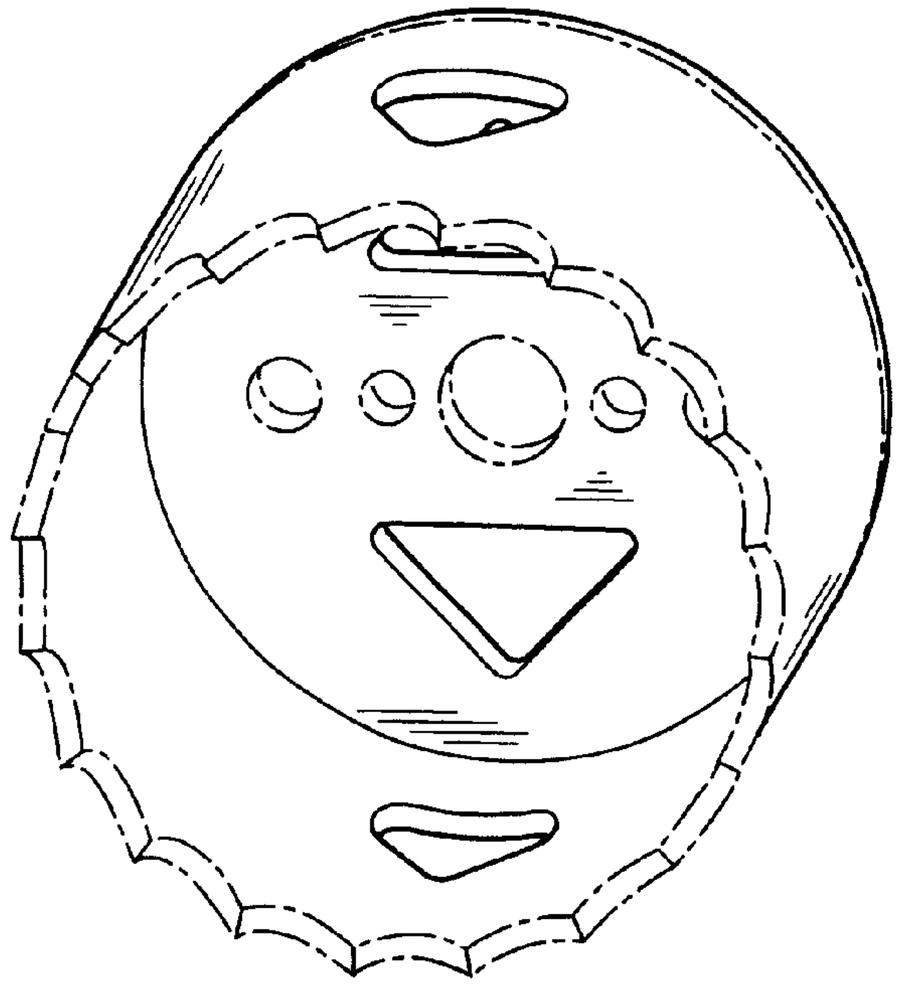


FIG. 10