



US00D575230S

(12) **United States Design Patent**
Bishop et al.

(10) **Patent No.:** **US D575,230 S**

(45) **Date of Patent:** **** Aug. 19, 2008**

(54) **ELECTRICAL CONNECTOR**

(75) Inventors: **H. Benjamin Bishop**, Milwaukee, WI (US); **Douglas L. Kirk**, Ballwin, MO (US); **Thomas A. King**, Chesterfield, MO (US)

(73) Assignee: **Blazing Products, Inc.**, Chesterfield, MO (US)

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

(21) Appl. No.: **29/265,294**

(22) Filed: **Aug. 29, 2006**

(51) **LOC (8) Cl.** **13-03**

(52) **U.S. Cl.** **D13/133**

(58) **Field of Classification Search** D13/133,
D13/148, 149, 154, 174, 184, 199; D8/330,
D8/382, 383, 394-396; 439/266, 476.1,
439/754, 755, 757, 759, 769, 773; 248/74.1,
248/74.2, 229.14

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D118,588 S *	1/1940	Blackburn	D13/149
3,124,409 A	3/1964	Nisula		
D223,611 S *	5/1972	Anderson	D13/150
3,675,182 A	7/1972	Gregory		
3,836,941 A	9/1974	Izraeli		

(Continued)

FOREIGN PATENT DOCUMENTS

CH 567 338 9/1975

DE	39 42 520	6/1991
EP	1492199	12/2004
FR	2254133	7/1975
WO	01 91239	11/2001

OTHER PUBLICATIONS

ExxonMobil Chemical, "Butyl Polymers", 2002; may be seen at www.exxonmobilchemical.com/Public_Products/Butyl_Polymers/Worldwide.

Primary Examiner—Daniel D Bui

Assistant Examiner—Thomas J Johannes

(74) *Attorney, Agent, or Firm*—Harness, Dickey & Pierce, P.L.C.

(57) **CLAIM**

The ornamental design for an electrical connector, as shown and described.

DESCRIPTION

FIG. 1 is a top perspective view of the electrical connector;

FIG. 2 is a top view thereof;

FIG. 3 is a front view thereof;

FIG. 4 is a right side view thereof;

FIG. 5 is a left side view thereof;

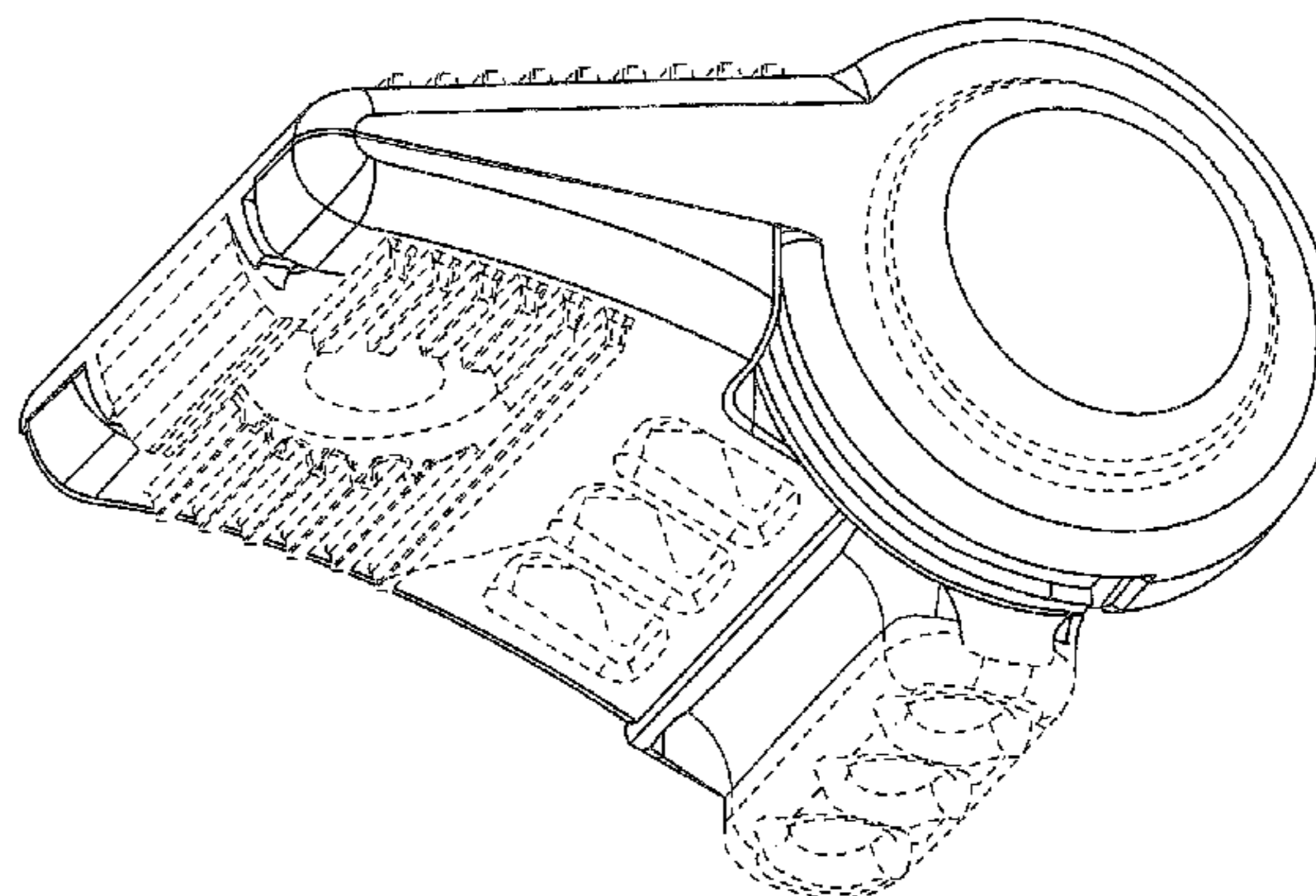
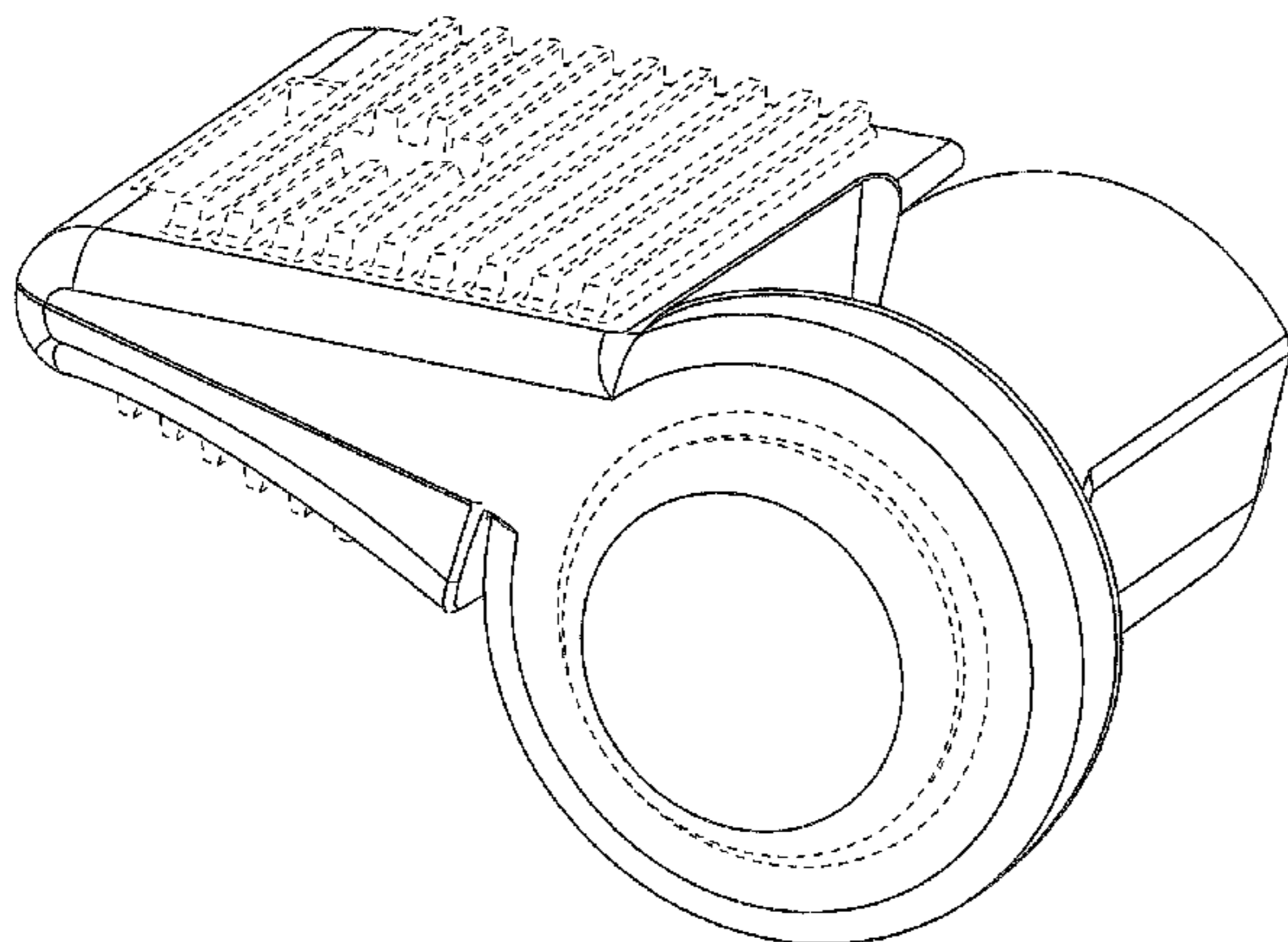
FIG. 6 is a back view thereof;

FIG. 7 is a bottom view thereof; and,

FIG. 8 is a bottom perspective view thereof.

The broken lines are included for the purpose of illustrating environmental structure and form no part of the claimed design.

1 Claim, 8 Drawing Sheets



US D575,230 S

Page 2

U.S. PATENT DOCUMENTS					
3,936,128	A	2/1976 D'Annessa et al.	4,995,827	A	2/1991 Rudoy
3,973,822	A	8/1976 Sugimoto	D315,139	S *	3/1991 Blaha D13/150
3,990,129	A	11/1976 Cornell et al.	D315,143	S *	3/1991 Blaha D13/150
4,014,078	A	3/1977 Cornell et al.	5,030,136	A	7/1991 Reinhardt et al.
4,077,697	A	3/1978 Yates	5,162,772	A *	11/1992 May 336/92
4,103,984	A	8/1978 Mixon, Jr.	D333,121	S *	2/1993 Craveiro D13/120
4,103,986	A	8/1978 Izraeli	5,254,015	A	10/1993 Robertson
4,269,465	A	5/1981 Mueller	5,470,250	A	11/1995 Hawk et al.
4,277,124	A	7/1981 Loose et al.	5,765,962	A	6/1998 Cornell et al.
4,437,723	A	3/1984 Narozny	6,120,334	A	9/2000 Timsit et al.
4,444,447	A	4/1984 Markwardt	6,135,804	A	10/2000 Lux
4,548,462	A	10/1985 Cornell	6,241,563	B1	6/2001 Warner et al.
4,561,682	A *	12/1985 Tisserat 285/305	6,250,948	B1	6/2001 Daoud
4,564,256	A	1/1986 Damiano et al.	D484,400	S *	12/2003 Blake et al. D8/394
4,653,831	A	3/1987 Wilson et al.	6,732,983	B1 *	5/2004 Blake et al. 248/74.2
4,842,546	A	6/1989 Song	D533,509	S *	12/2006 Wu D13/149
4,983,932	A *	1/1991 Kitagawa 333/12	7,335,050	B2 *	2/2008 Kirk et al. 439/410
			2007/0004269	A1	1/2007 Kirk et al.
					* cited by examiner

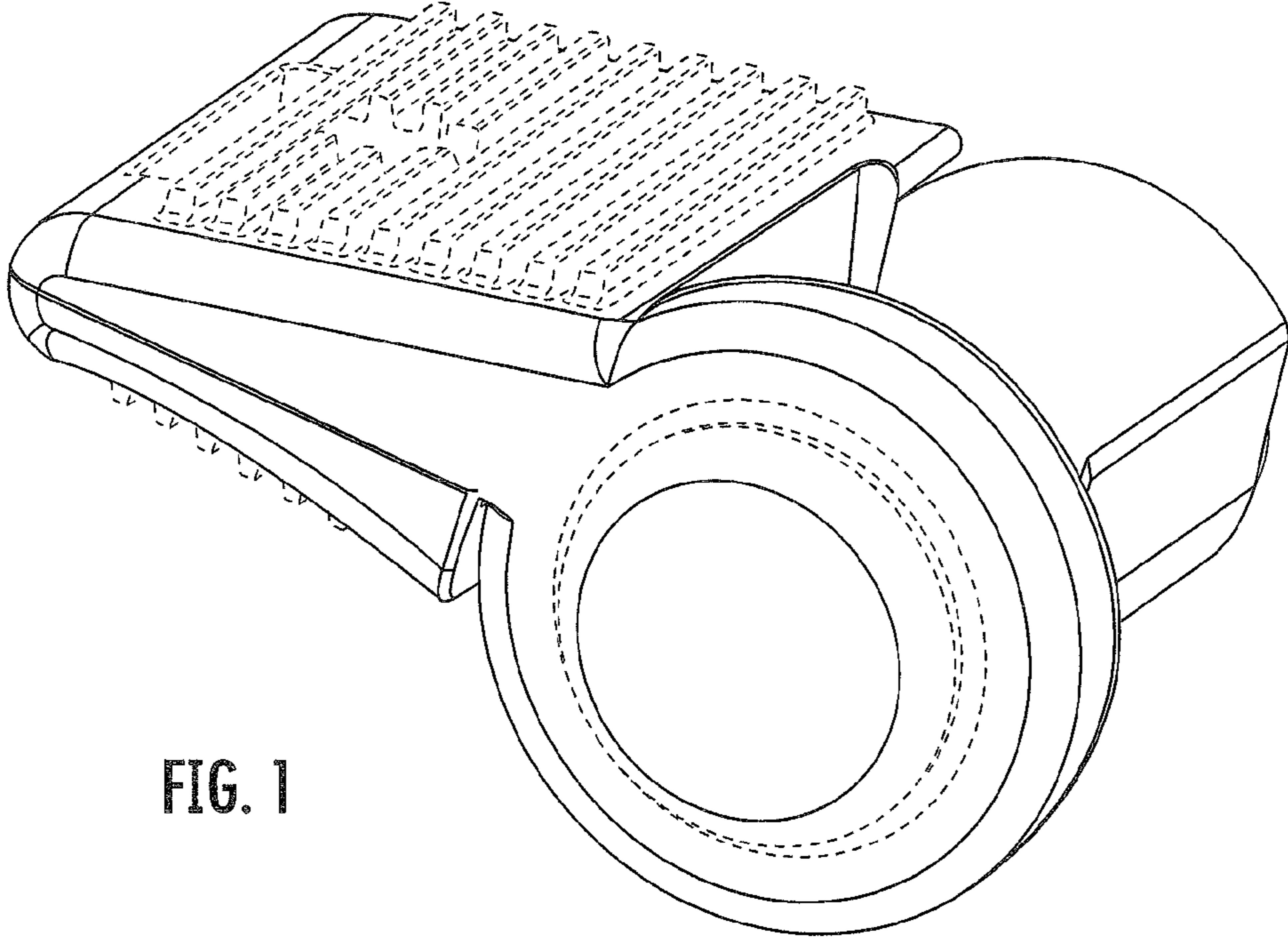


FIG. 1

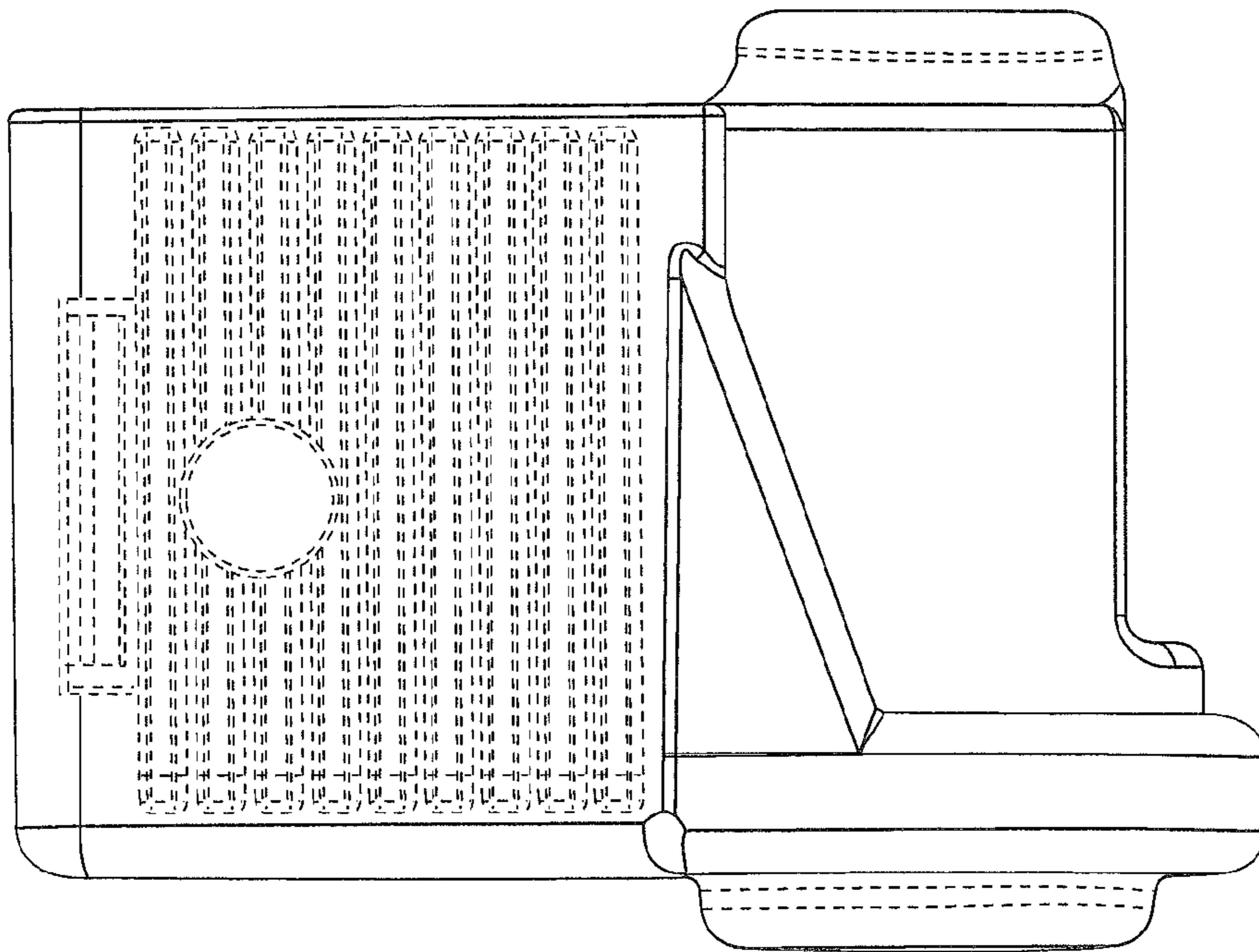


FIG. 2

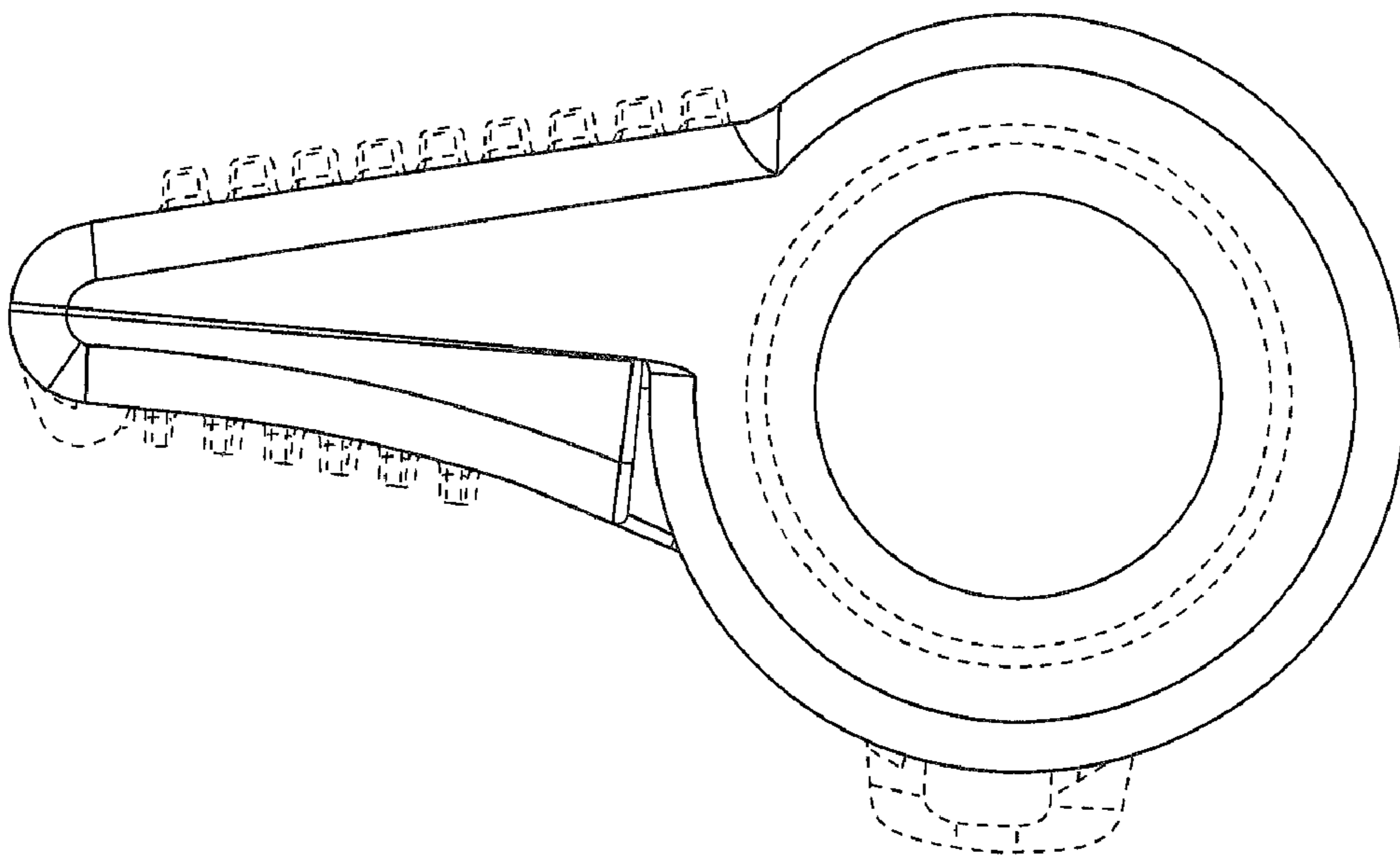


FIG. 3

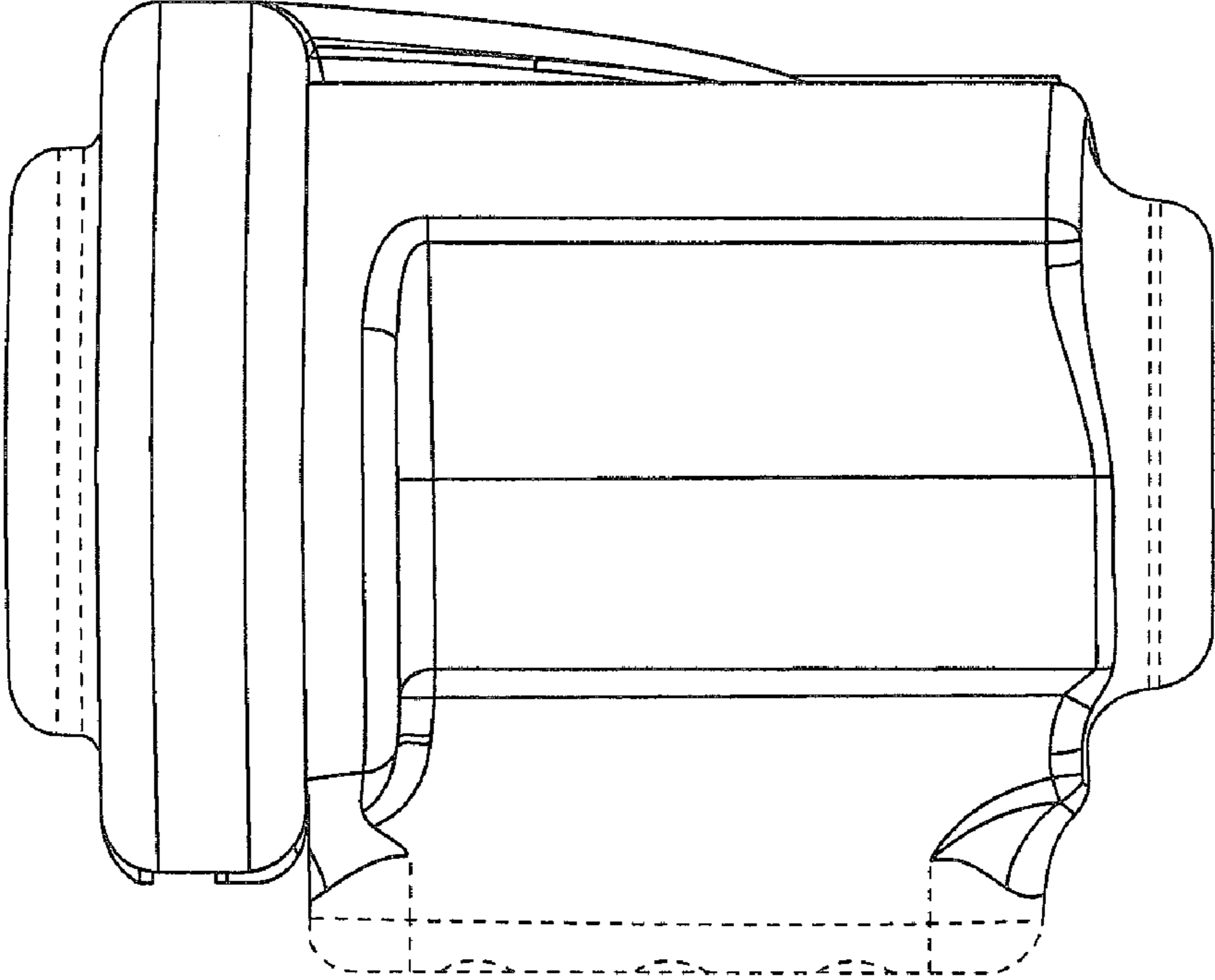


FIG. 4

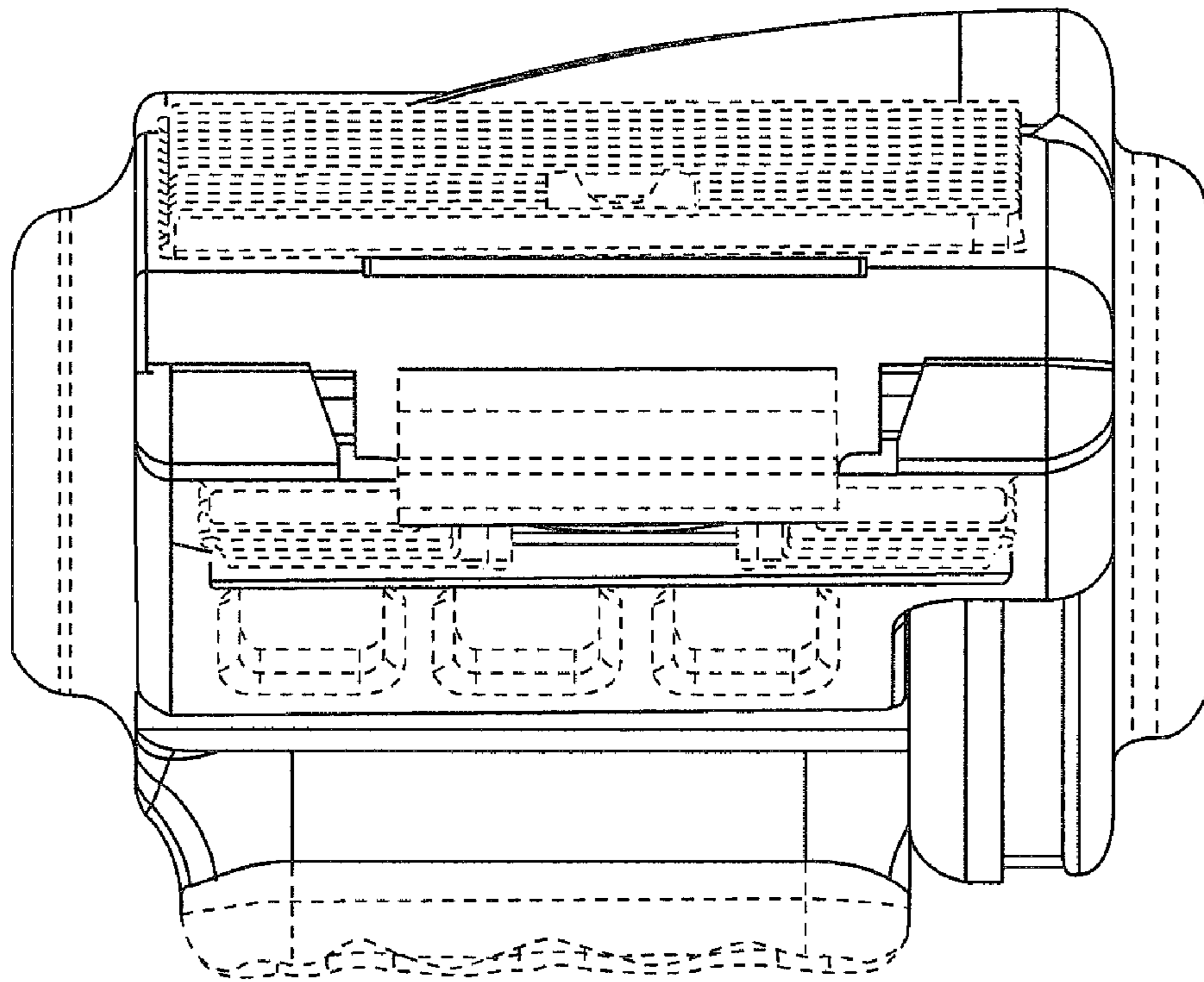


FIG. 5

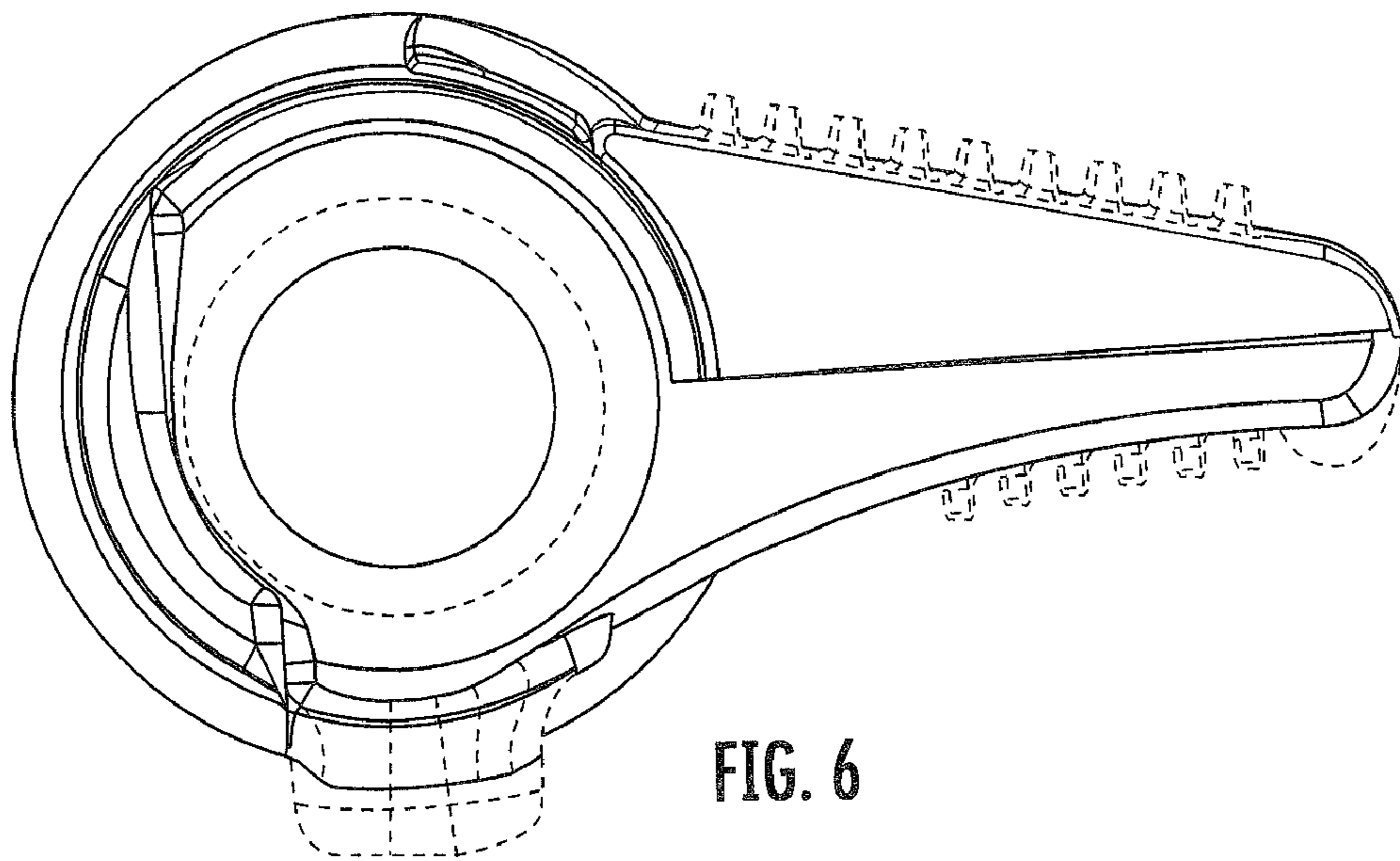


FIG. 6

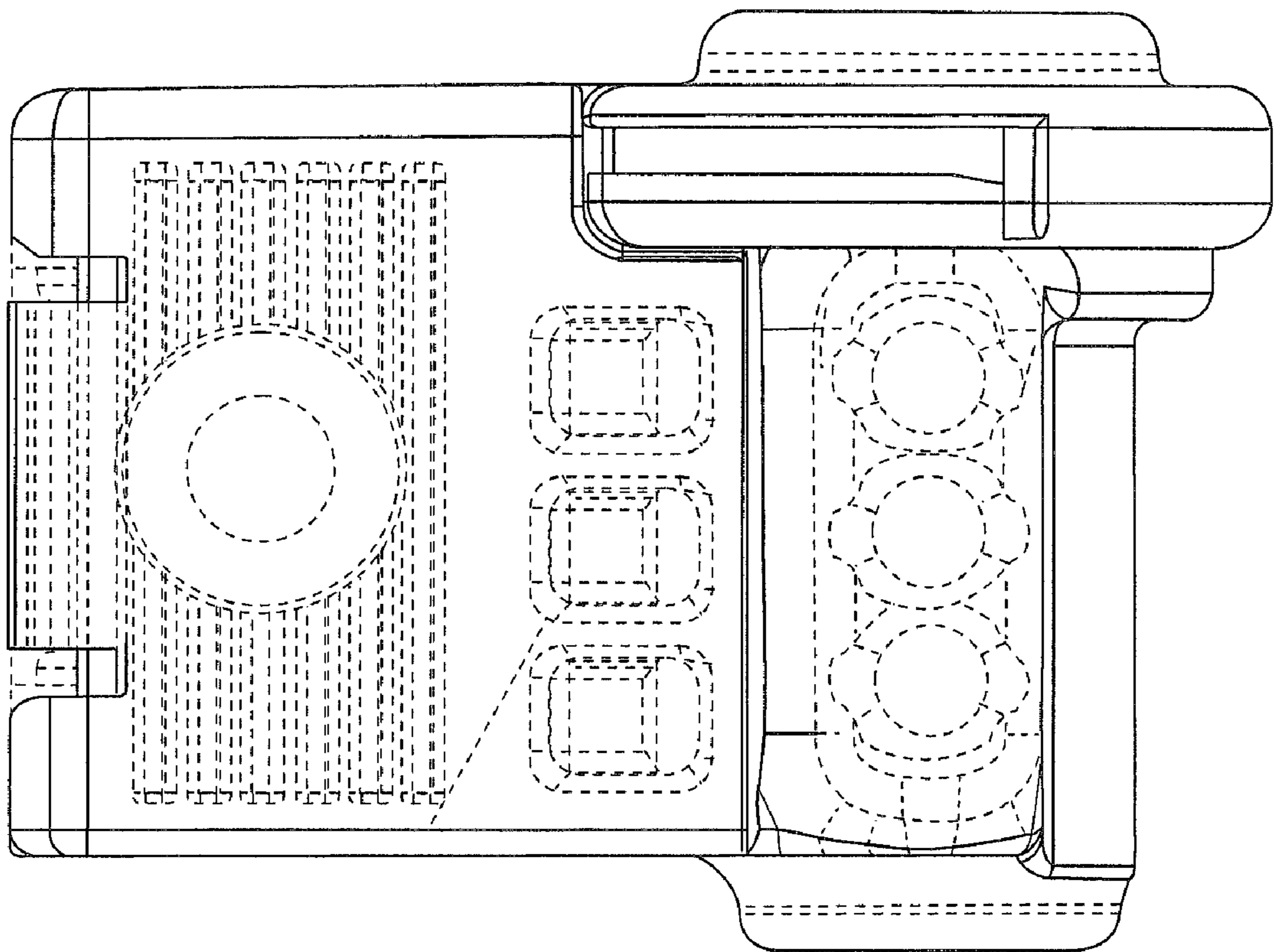


FIG. 7

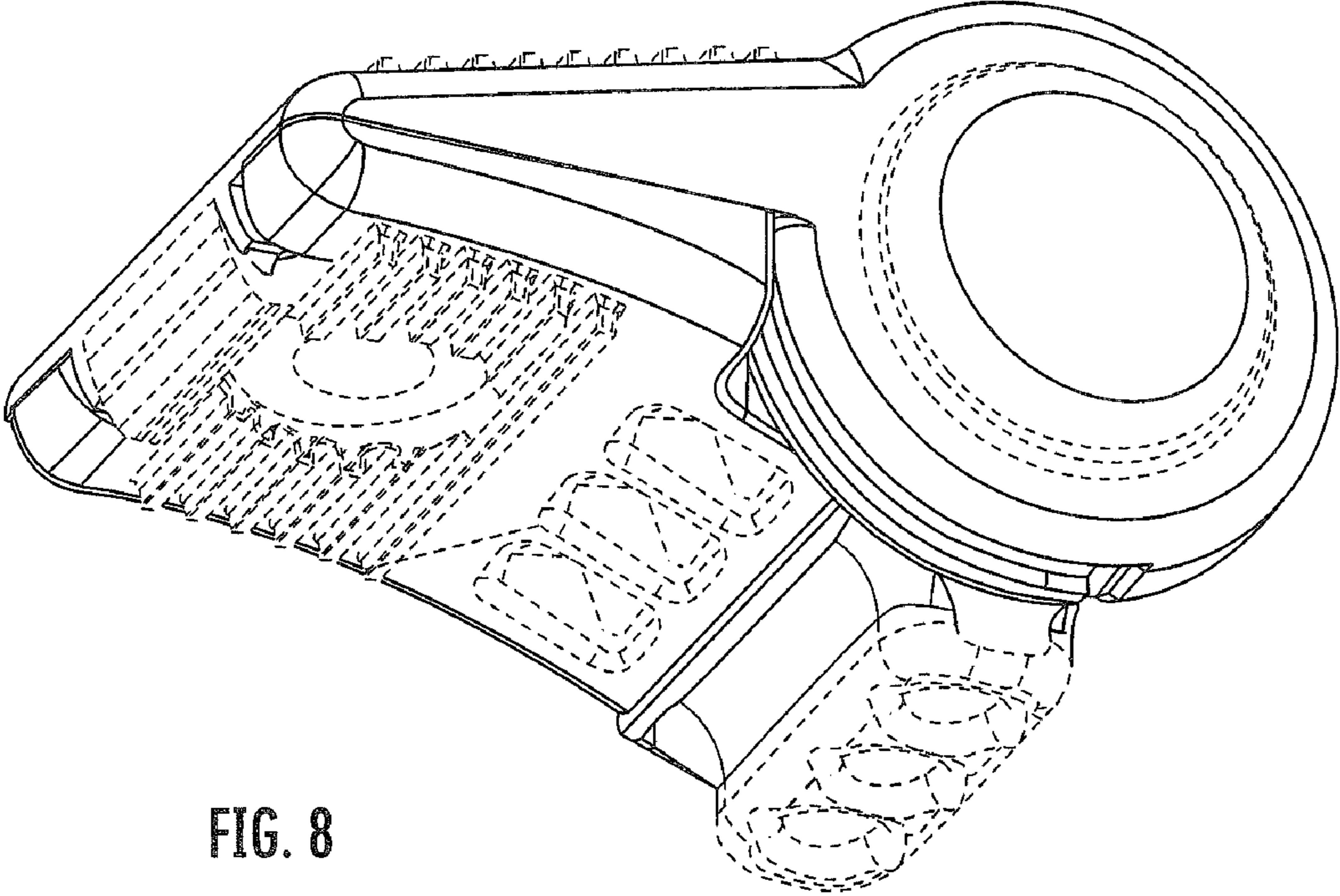


FIG. 8