US00D575738S

(12) United States Design Patent

Kirk et al.

(10) Patent No.: US D575,738 S
(45) Date of Patent: ** Aug. 26, 2008

(54) **ELECTRICAL CONNECTOR**

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

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

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

(21) Appl. No.: **29/265,293**

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

(51) **LOC (8) Cl.** **13-03**
(52) **U.S. Cl.** **D13/133**; D13/149
(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	
3,936,128	A		2/1976	D'Annessa et al.	
3,973,822	A		8/1976	Sugimoto	
3,990,129	A		11/1976	Cornell et al.	
4,014,078	A		3/1977	Cornell et al.	
4,077,697	A		3/1978	Yates	
4,103,984	A		8/1978	Mixon, Jr.	
4,103,986	A		8/1978	Izraeli	
4,269,465	A		5/1981	Mueller	
4,277,124	A		7/1981	Loose et al.	
4,437,723	A		3/1984	Narozny	
4,444,447	A		4/1984	Markwardt	
4,548,462	A		10/1985	Cornell	
4,561,682	A	*	12/1985	Tisserat	285/305
4,564,256	A		1/1986	Damiano et al.	
4,653,831	A		3/1987	Wilson et al.	
4,842,546	A		6/1989	Song	

(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 bottom view thereof;

FIG. **4** is a front view thereof;

FIG. **5** is a right side view thereof;

FIG. **6** is a back view thereof;

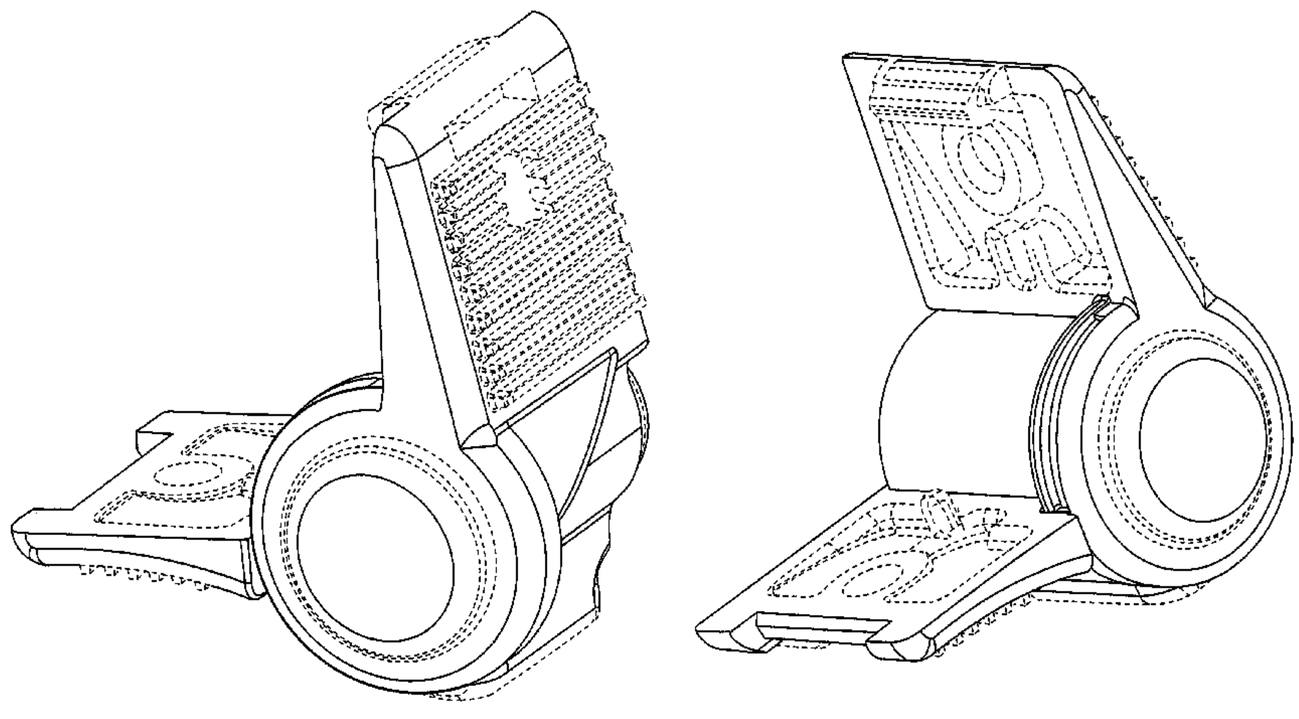
FIG. **7** is a left side view thereof;

FIG. **8** is a bottom left side perspective view thereof; and,

FIG. **9** is a bottom right side 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, 9 Drawing Sheets



U.S. PATENT DOCUMENTS

4,983,932	A *	1/1991	Kitagawa	333/12
4,995,827	A	2/1991	Rudoy	
D315,139	S *	3/1991	Blaha	D13/150
D315,143	S *	3/1991	Blaha	D13/150
5,030,136	A	7/1991	Reinhardt et al.	
5,162,772	A *	11/1992	May	336/92
D333,121	S *	2/1993	Craveiro	D13/120
5,254,015	A	10/1993	Robertson	
5,470,250	A	11/1995	Hawk et al.	
5,765,962	A	6/1998	Cornell et al.	
6,120,334	A	9/2000	Timsit et al.	
6,135,804	A	10/2000	Lux	
6,241,563	B1	6/2001	Warner et al.	
6,250,948	B1	6/2001	Daoud	
D484,400	S *	12/2003	Blake et al.	D8/394
6,732,983	B1 *	5/2004	Blake et al.	248/74.2
D533,509	S *	12/2006	Wu	D13/149
7,335,050	B2 *	2/2008	Kirk et al.	439/410
2007/0004269	A1	1/2007	Kirk et al.	

* cited by examiner

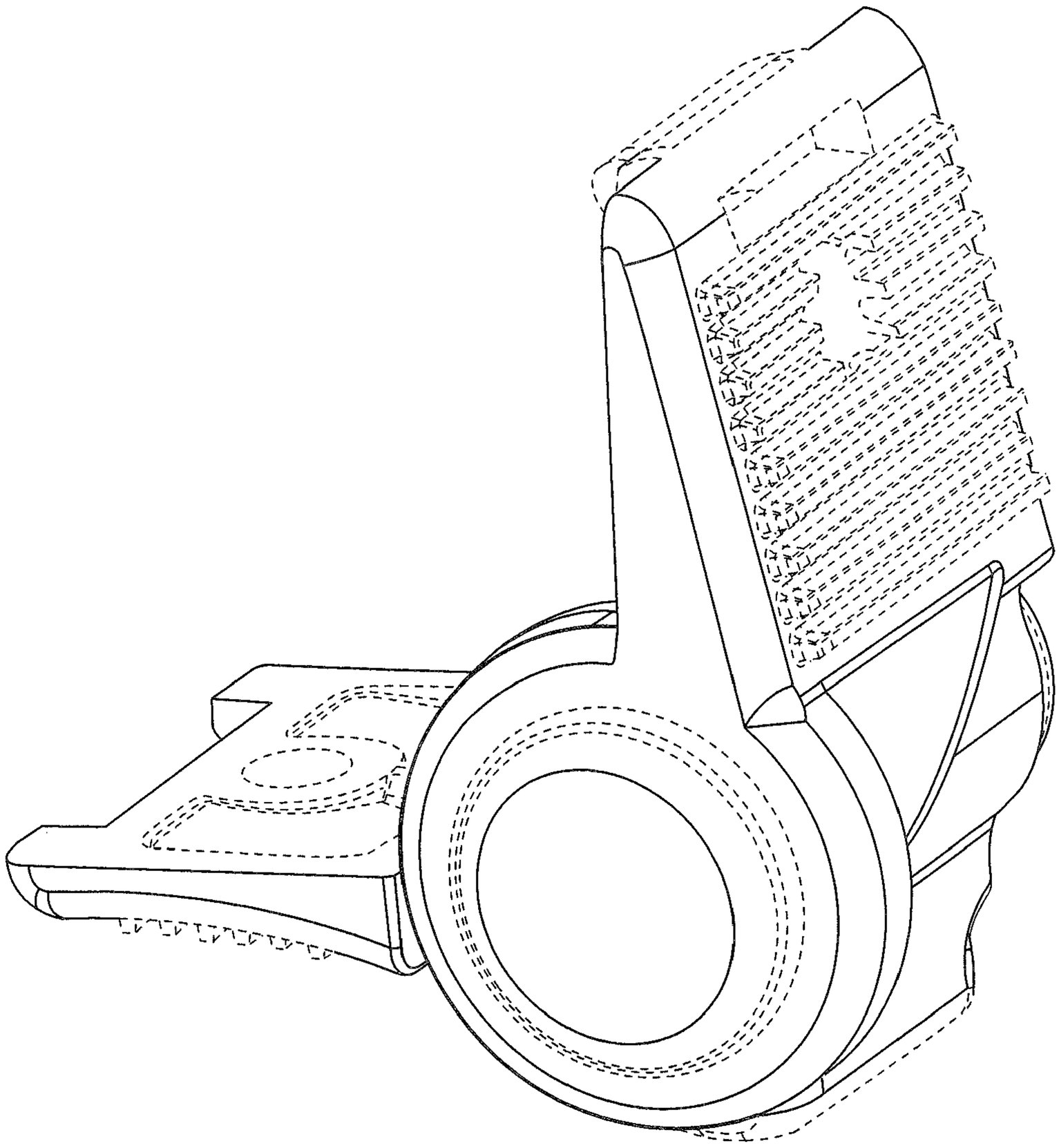


FIG. 1

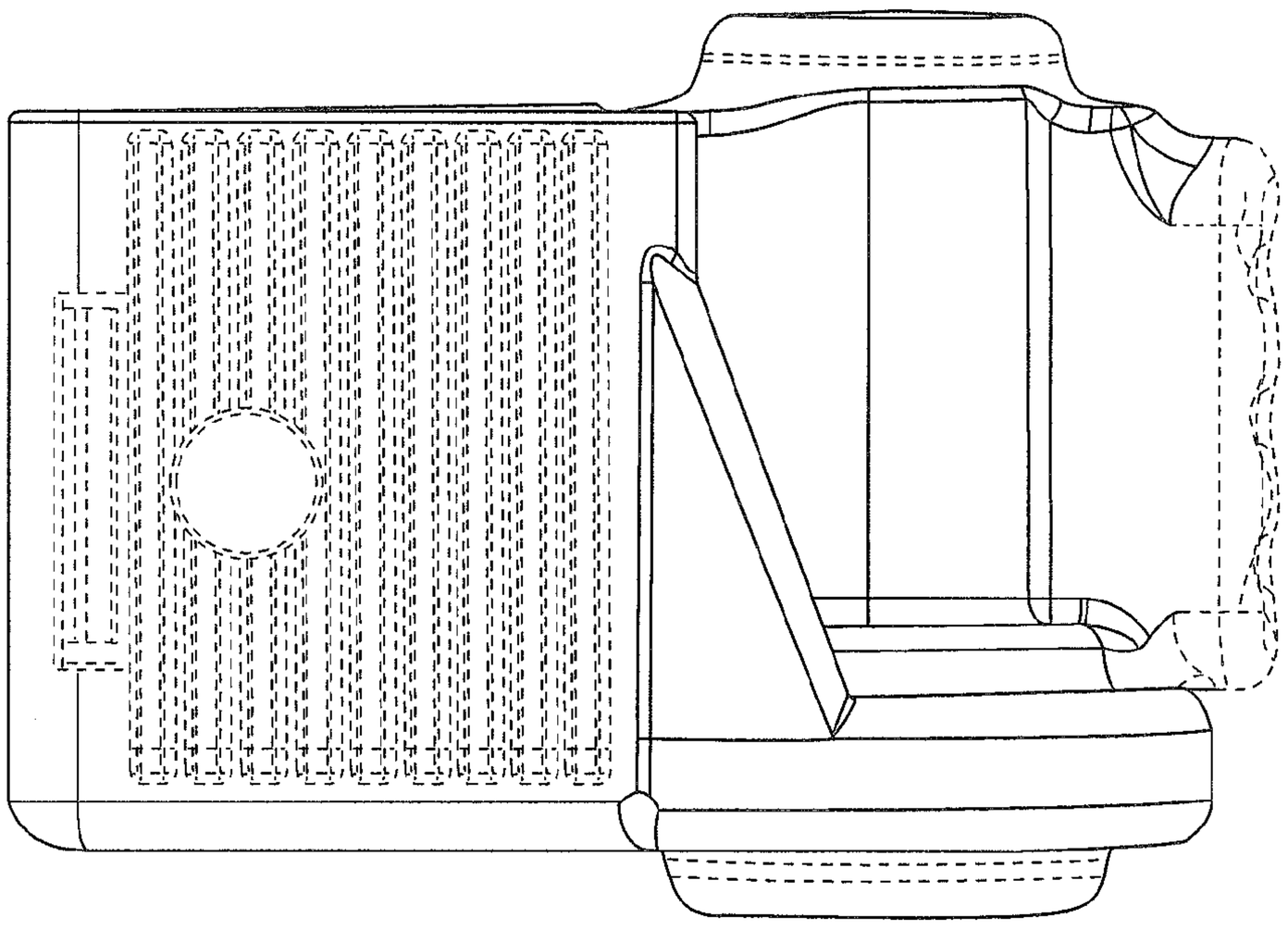


FIG. 2

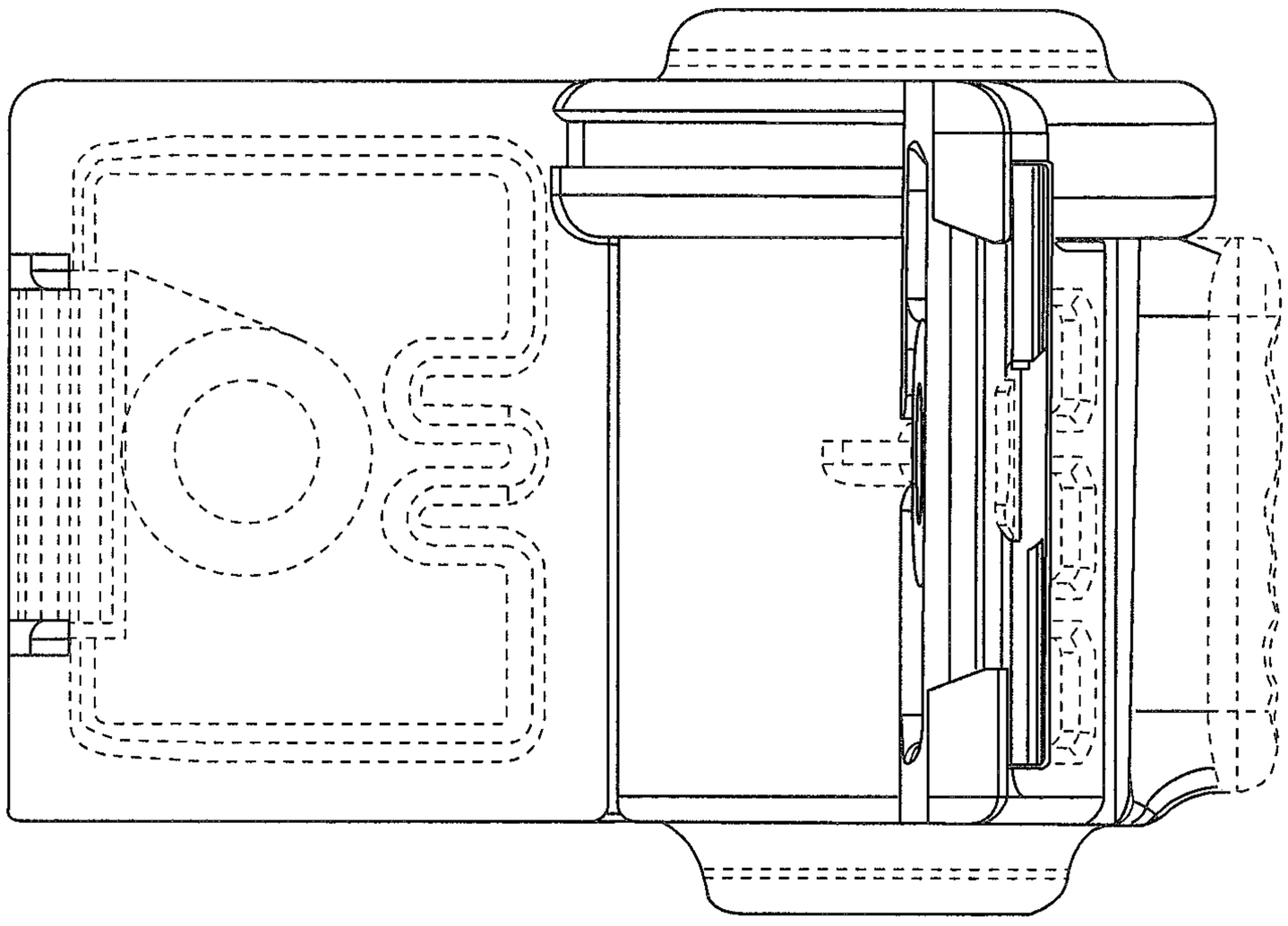


FIG. 3

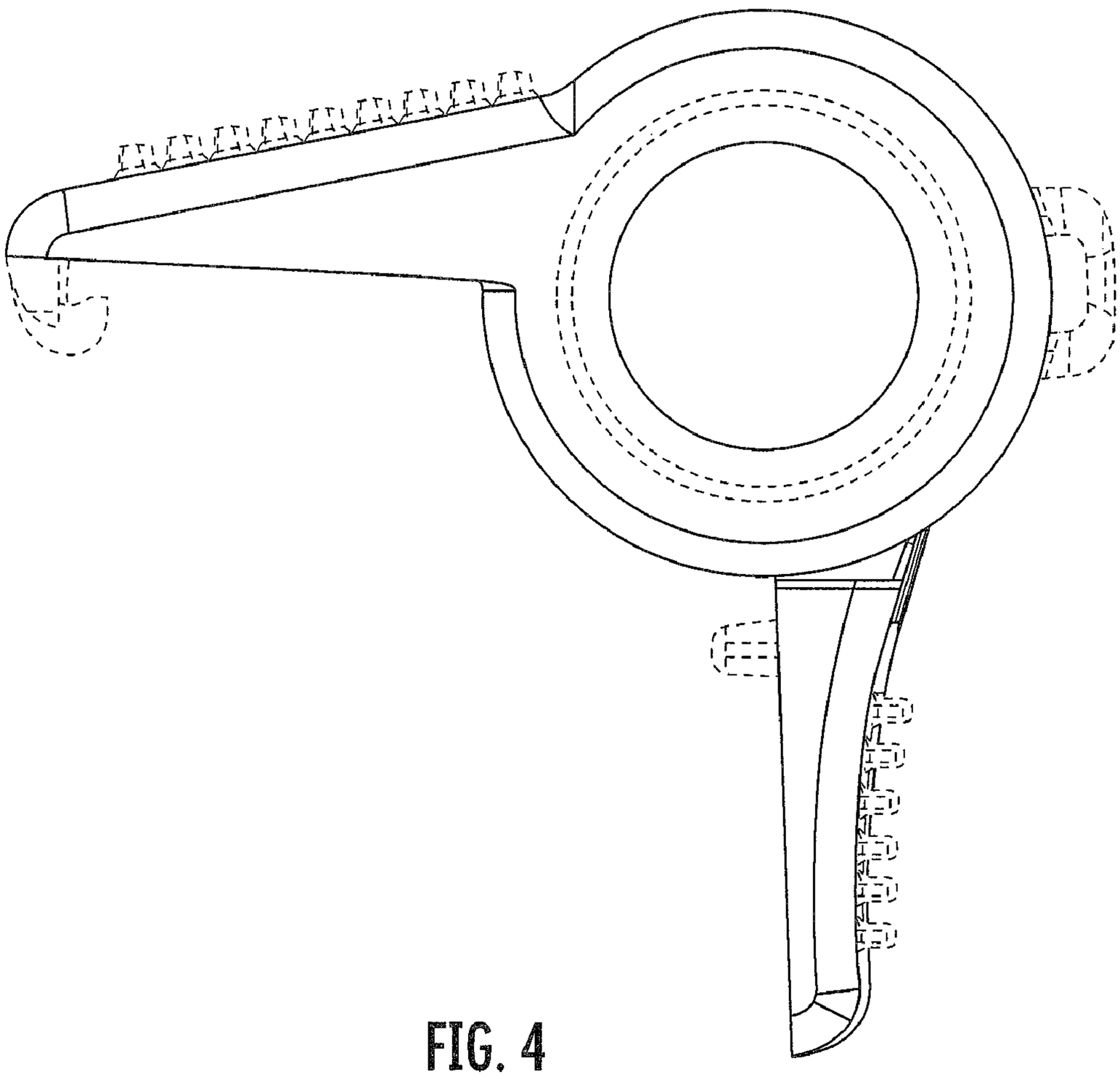


FIG. 4

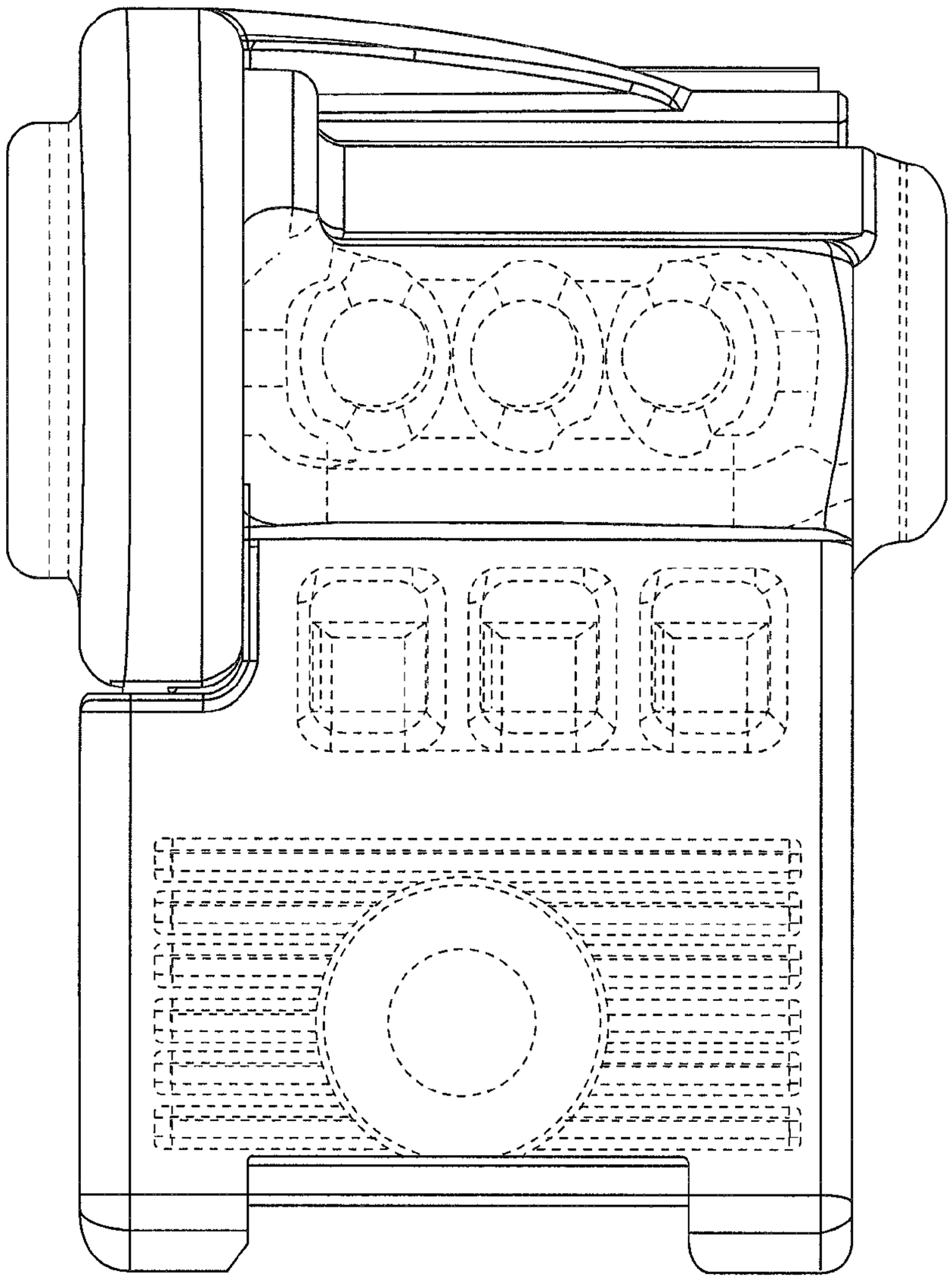


FIG. 5

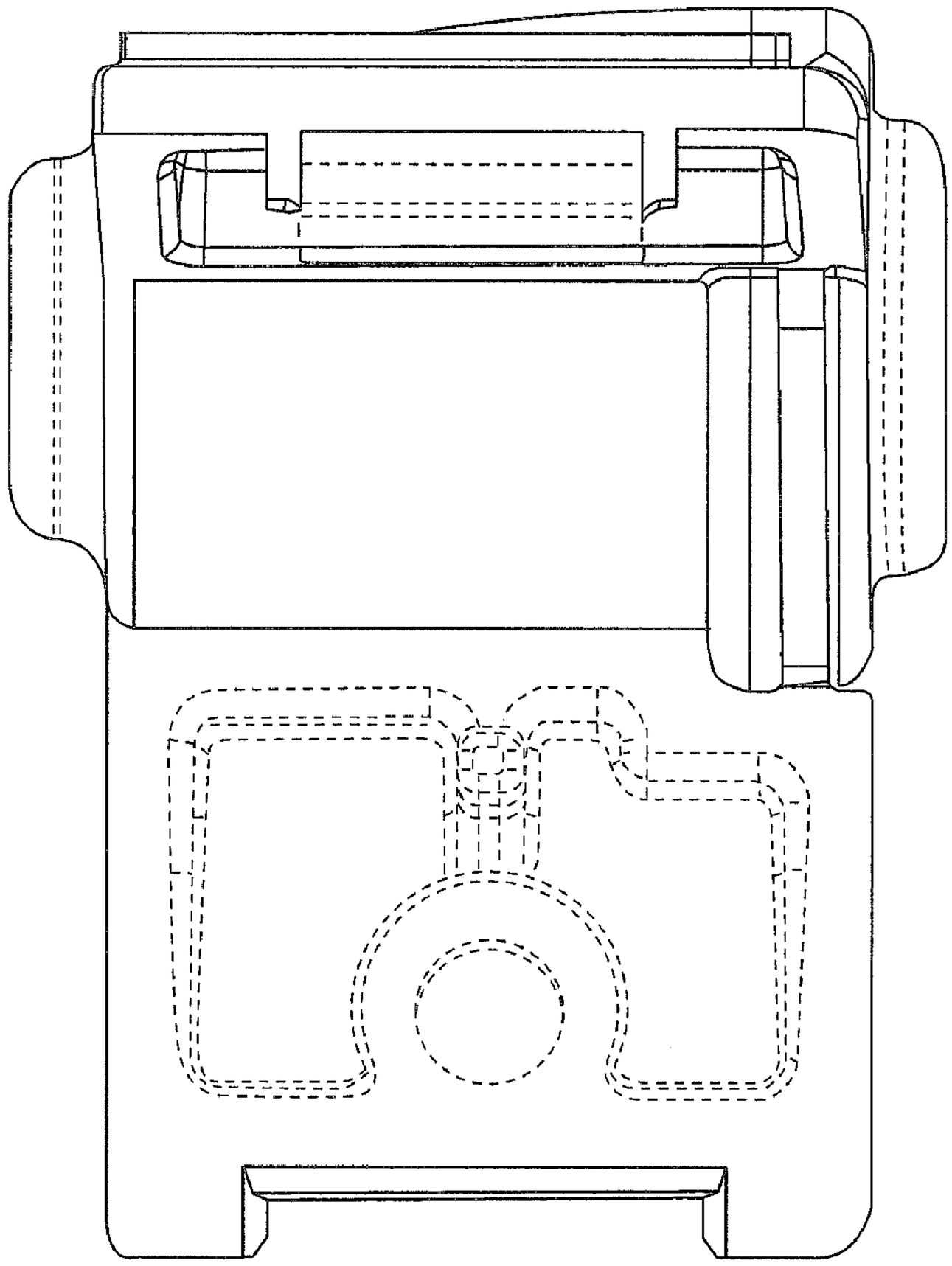


FIG. 6

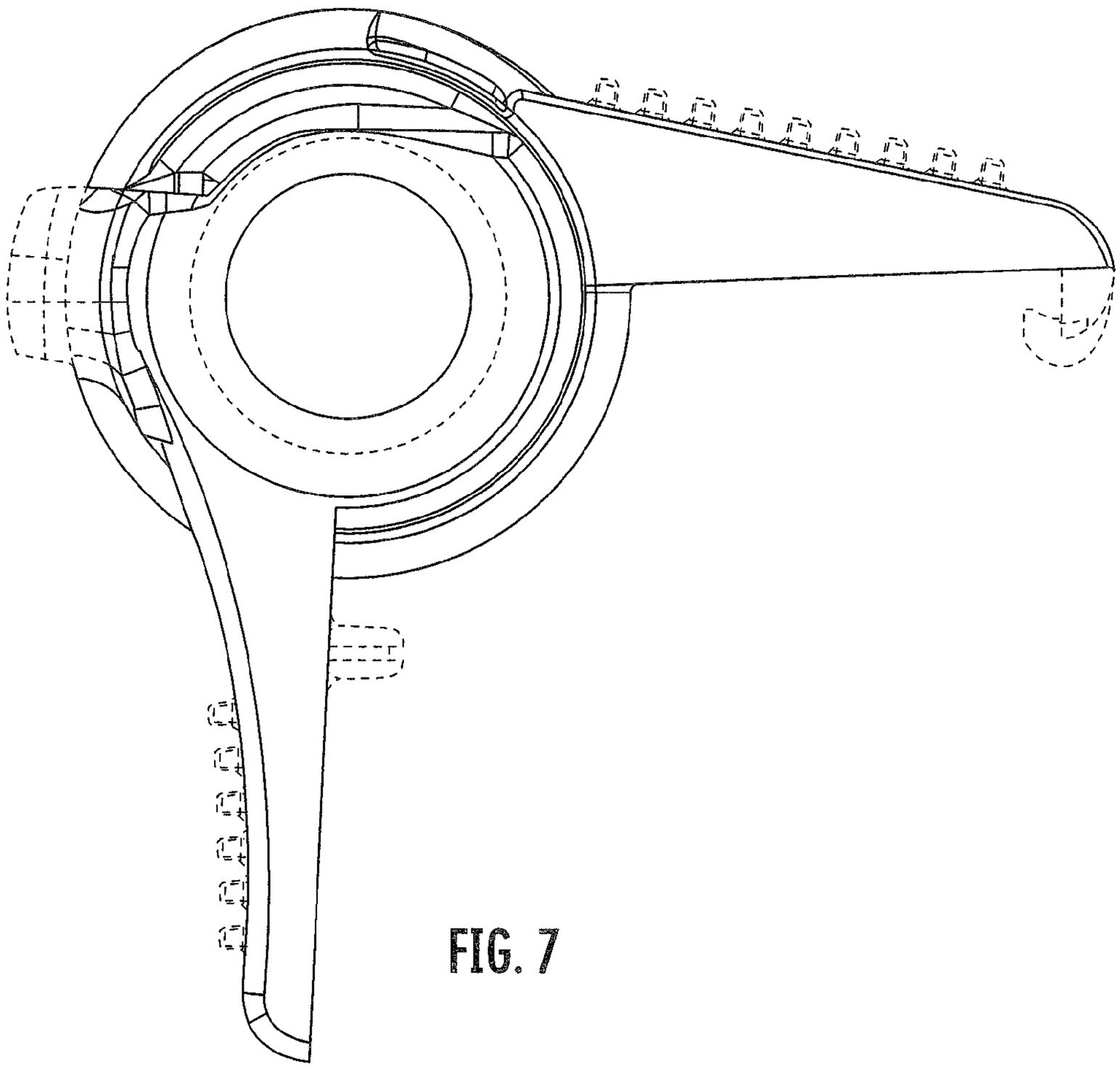


FIG. 7

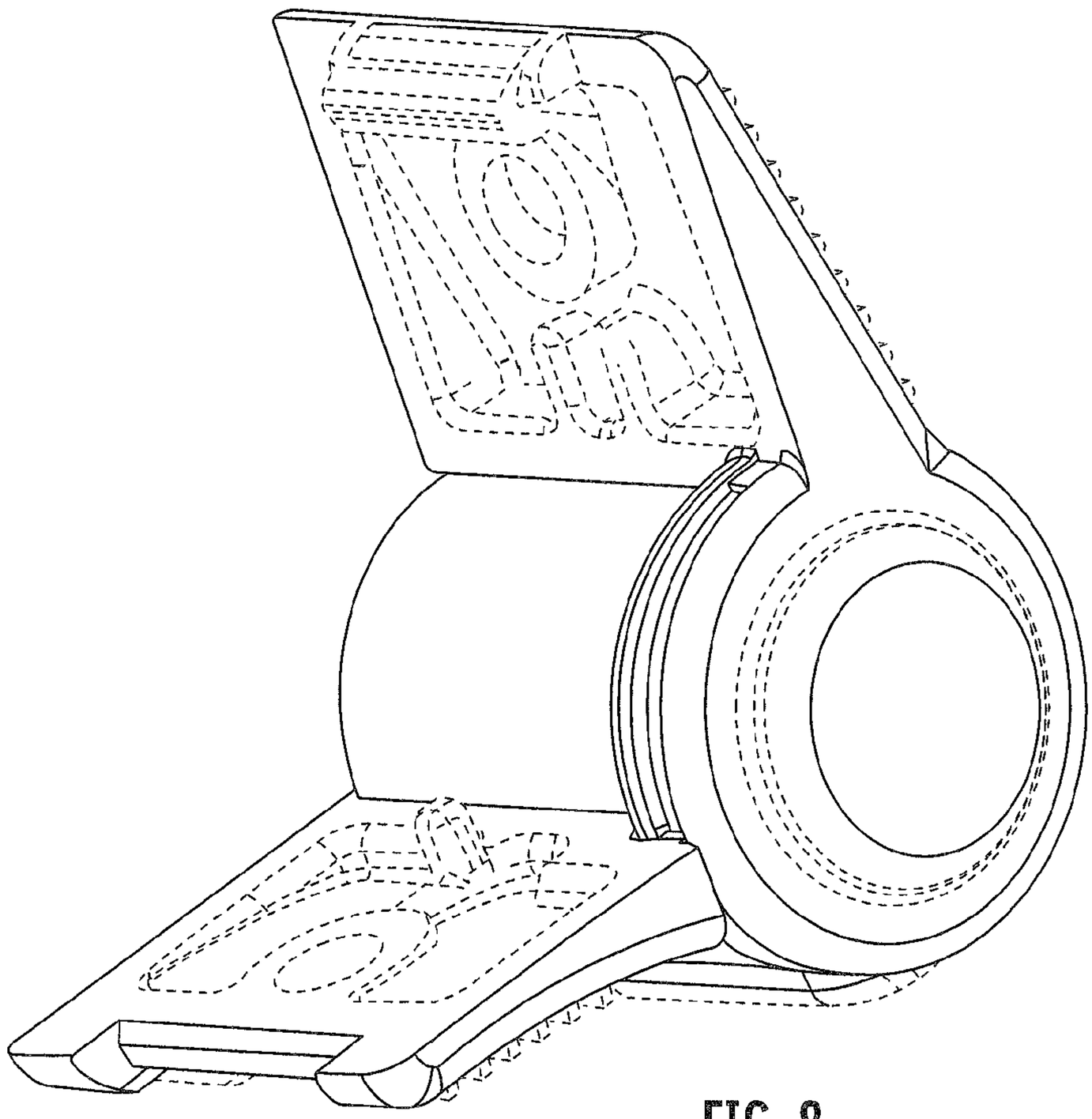


FIG. 8

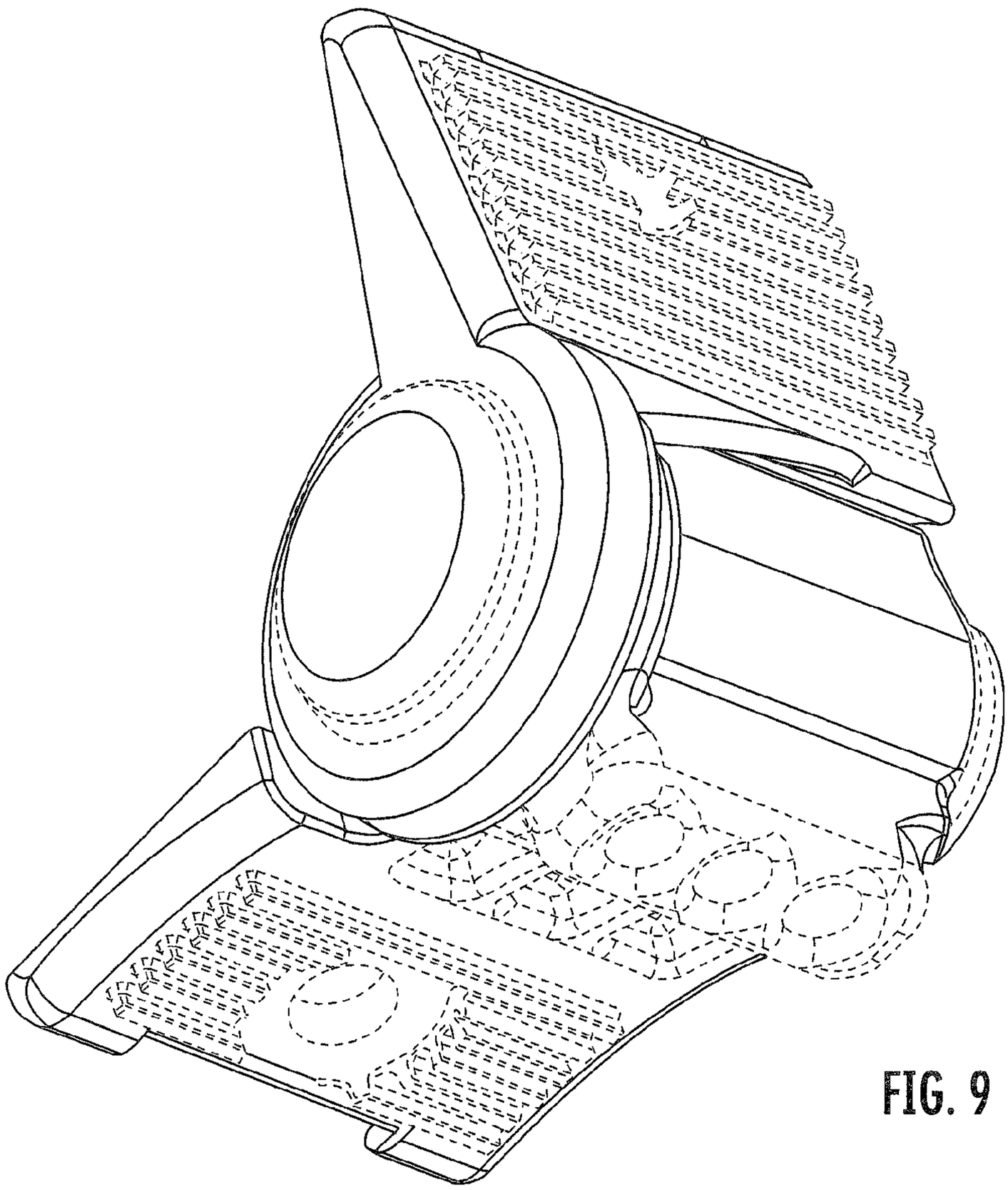


FIG. 9