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(12) United States Design Patent

Keilhauer

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(54) **AUTOMOTIVE SPINAL SUPPORT**

(76) Inventor: **Ed Keilhauer**, 40 Dynamic Drive, Unit 3, Scarborough, Ontario (CA), M1V 2W2

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

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(30) **Foreign Application Priority Data**

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(51) **LOC (7) Cl.** **06-09**
(52) **U.S. Cl.** **D6/601**
(58) **Field of Search** D6/595, 596, 597, D6/598, 601, 604, 611; D24/183; 5/630, 632, 633, 636, 637, 638, 640, 644, 652, 652.1, 653, 654, 655, 655.3, 655.4, 655.5, 655.9, 656, 657.5, 907, 945; 224/153, 155, 584, 907; 297/129, 180.11, 188.2, 188.12, 195.1, 199, 219.1, 225, 228.1, 229, 452.41

(56) **References Cited**

U.S. PATENT DOCUMENTS

2,521,780	A	*	9/1950	Dodd	5/644
2,807,313	A		9/1957	Kaufman	
2,990,008	A		6/1961	Bien	
3,156,500	A		11/1964	Kerr	
3,361,471	A		1/1968	Radford	
3,454,302	A		7/1969	Radford	
D264,507	S	*	5/1982	Haase	D6/601
D286,239	S	*	10/1986	Scheurer et al.	D6/596
D293,186	S	*	12/1987	Parnham	D6/596
4,864,668	A		9/1989	Crisp	
5,114,209	A		5/1992	Dunn	
5,248,182	A		9/1993	Hittie	
5,429,852	A	*	7/1995	Quinn	5/653
D364,065	S	*	11/1995	Peart et al.	D6/596
D365,241	S	*	12/1995	Braden et al.	D6/601
D399,382	S	*	10/1998	Rivard et al.	D6/601
D402,493	S	*	12/1998	Cothren et al.	D6/601
D410,168	S	*	5/1999	McWhorter	D6/601
D420,841	S	*	2/2000	Keilhauer	D6/592
6,349,437	B1	*	2/2002	Horning	5/636
6,524,331	B1	*	2/2003	Kohout et al.	5/945
6,578,916	B2	*	6/2003	Longhi et al.	5/653
6,584,631	B1	*	7/2003	Jones, Sr.	5/636

OTHER PUBLICATIONS

"The Leap® Chair," Steelcase Furniture, http://www.leap–chair.com, Nov. 19, 2001.
"The Iliac Vehicle Seat," Iliac Design, http://www.iliac co.uk/vehicle.htm, Nov. 19, 2001.

* cited by examiner

Primary Examiner—Doris V. Coles
Assistant Examiner—T. Chase Nelson
(74) *Attorney, Agent, or Firm*—Burns, Doane, Swecker & Mathis, L.L.P.

(57) **CLAIM**

The ornamental design for an automotive spinal support, as shown and described.

DESCRIPTION

FIG. **1** is a front perspective view of an automotive spinal support showing my new design.
FIG. **2** is a front elevational view thereof.
FIG. **3** is a rear elevational view thereof.
FIG. **4** is a left side elevational view thereof; the right side being a mirror image thereof.
FIG. **5** is a top plan view thereof.
FIG. **6** is a bottom plan view thereof.
FIG. **7** is a cross-sectional view thereof taken along line **7—7** shown in FIG. **2**.
FIG. **8** is a cross-sectional view thereof taken along line **8—8** shown in FIG. **2**.
FIG. **9** is a cross-sectional view thereof taken along line **9—9** shown in FIG. **2**; and,
FIG. **10** is a cross-sectional view thereof taken along line **10—10** shown in FIG. **2**.

1 Claim, 6 Drawing Sheets

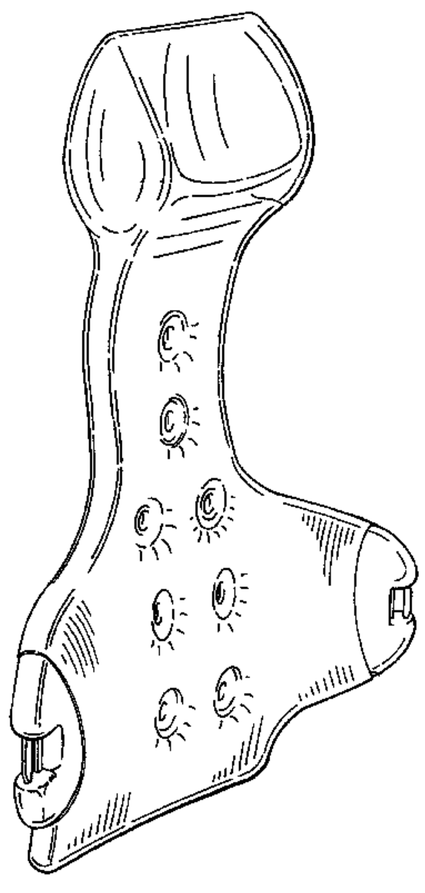


FIG.1.

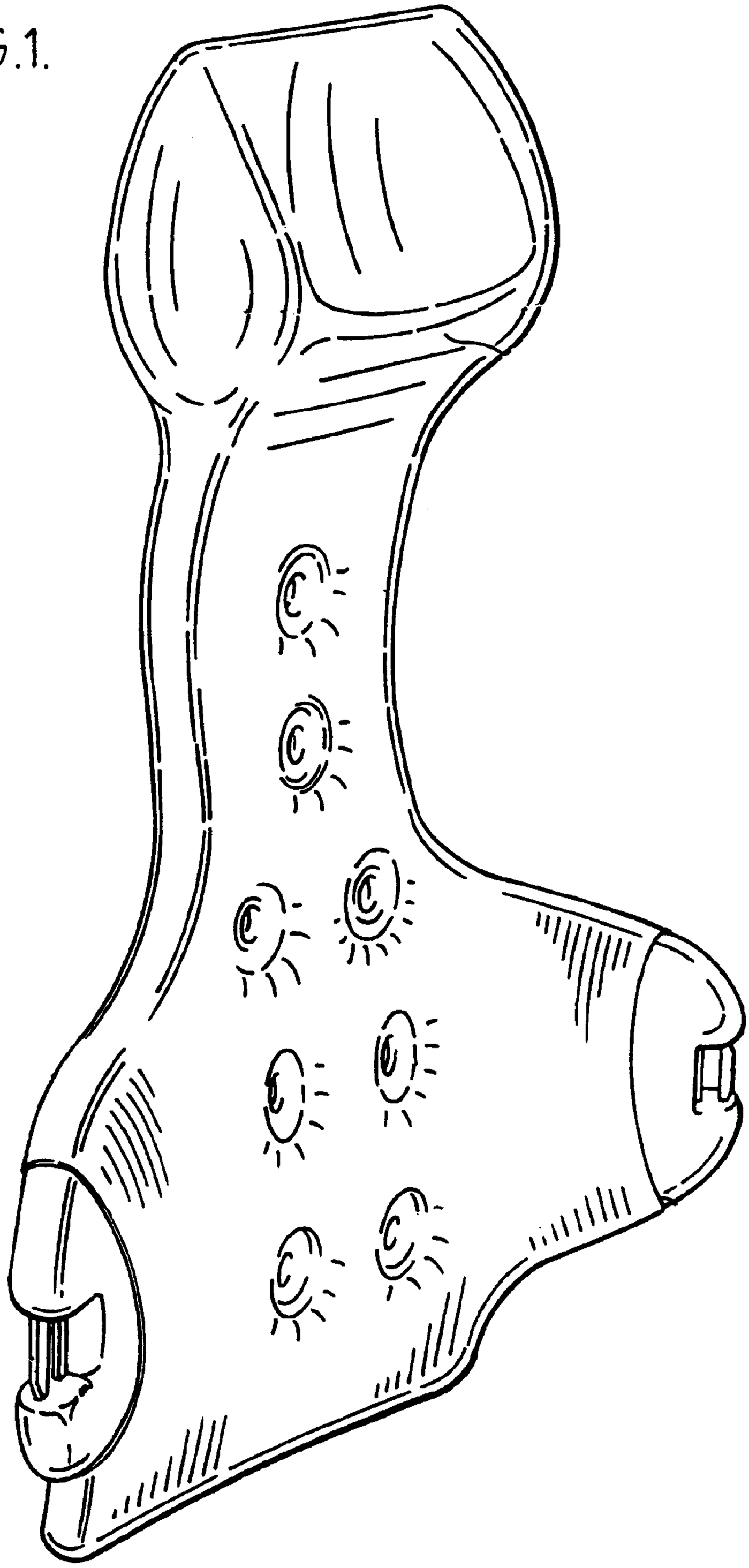


FIG. 2.

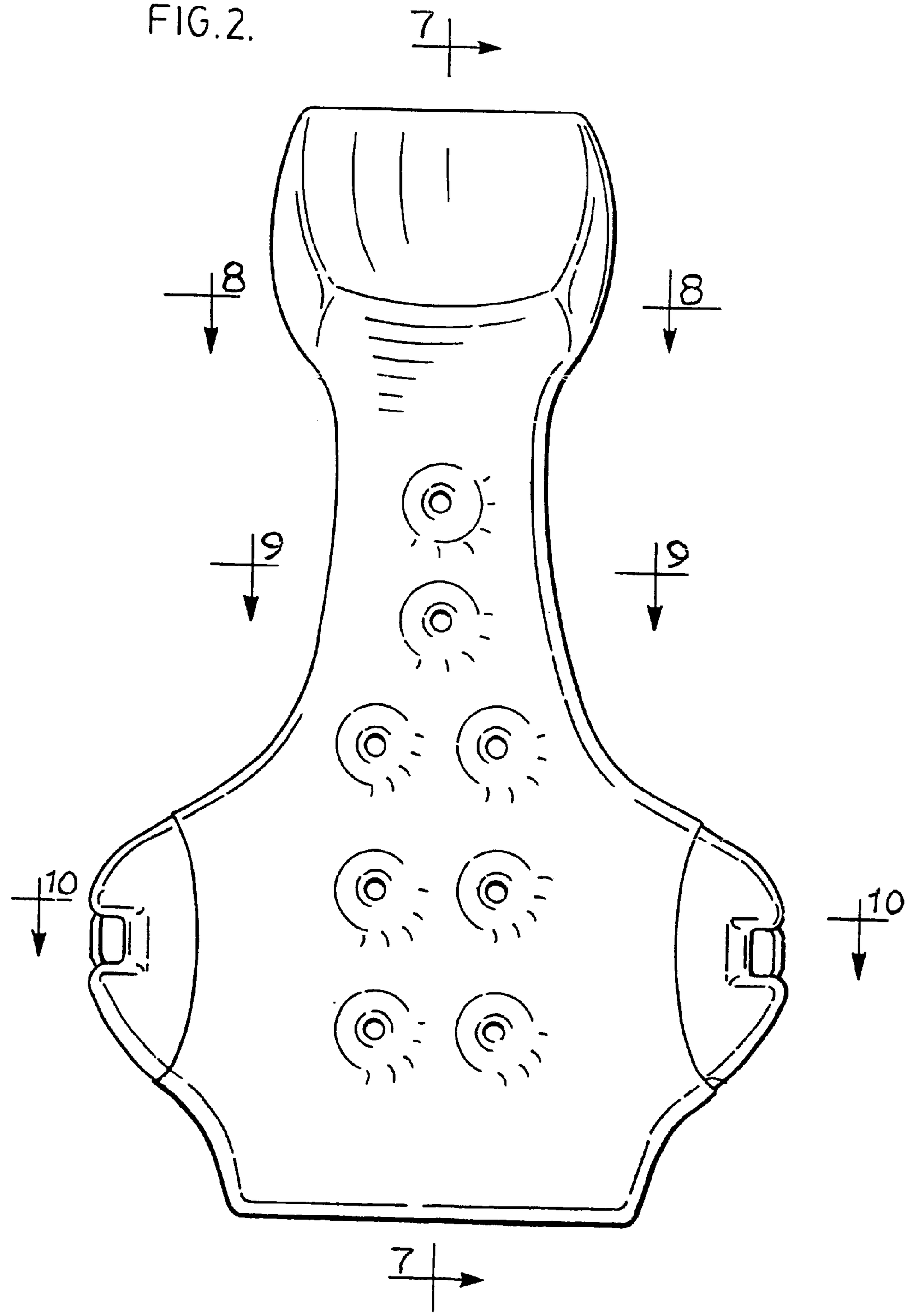


FIG. 3.

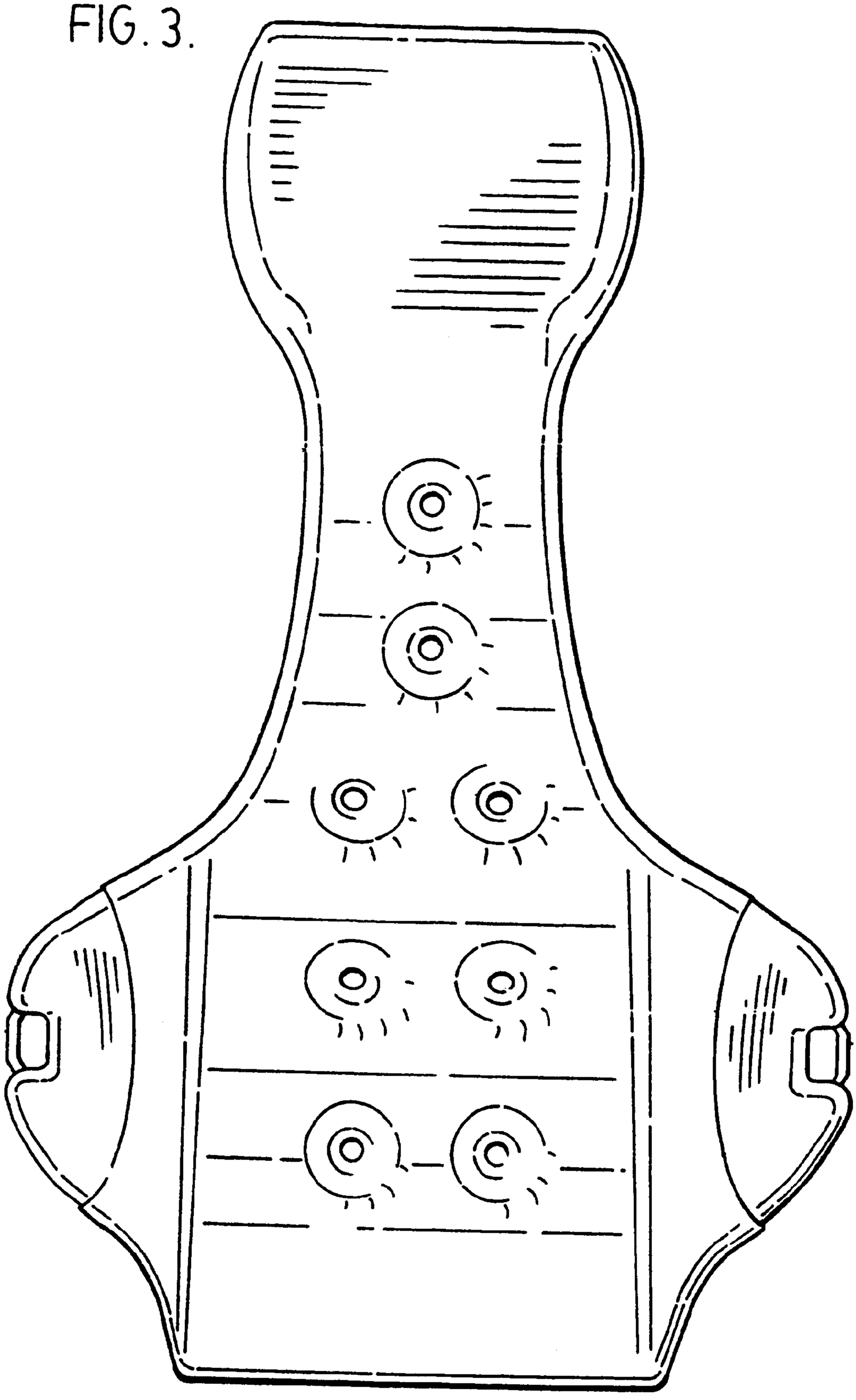


FIG. 4.

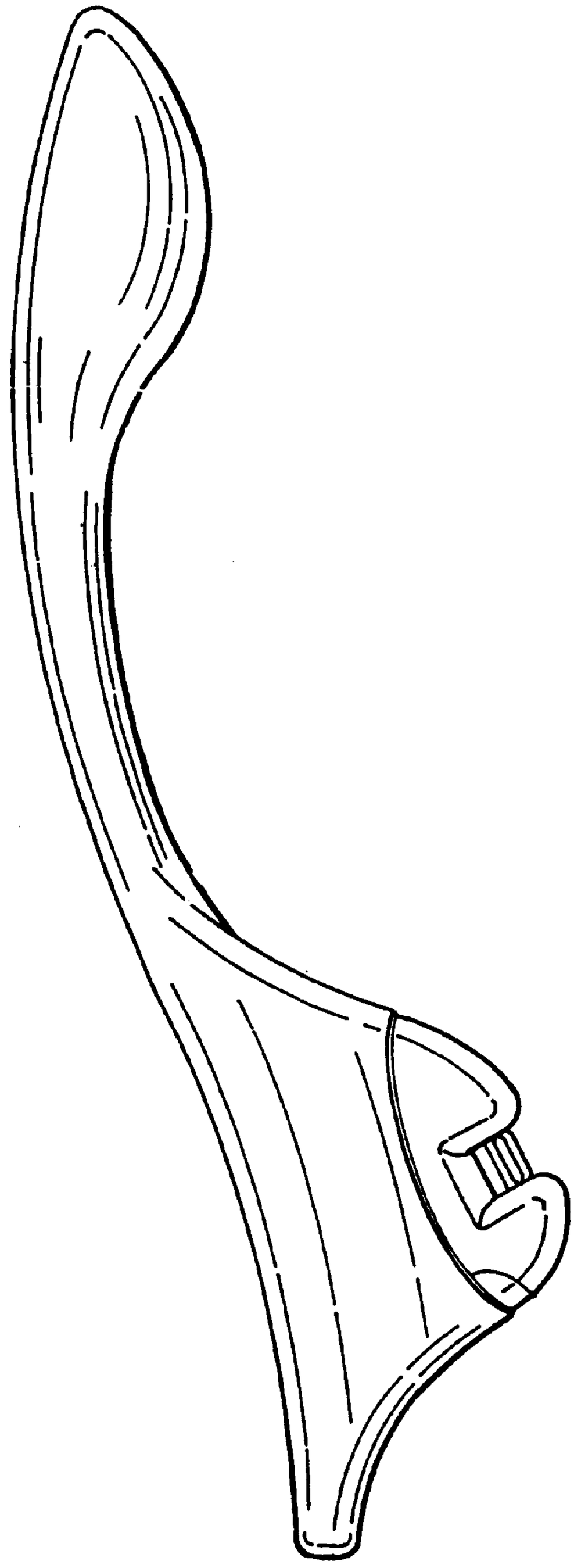


FIG. 5.

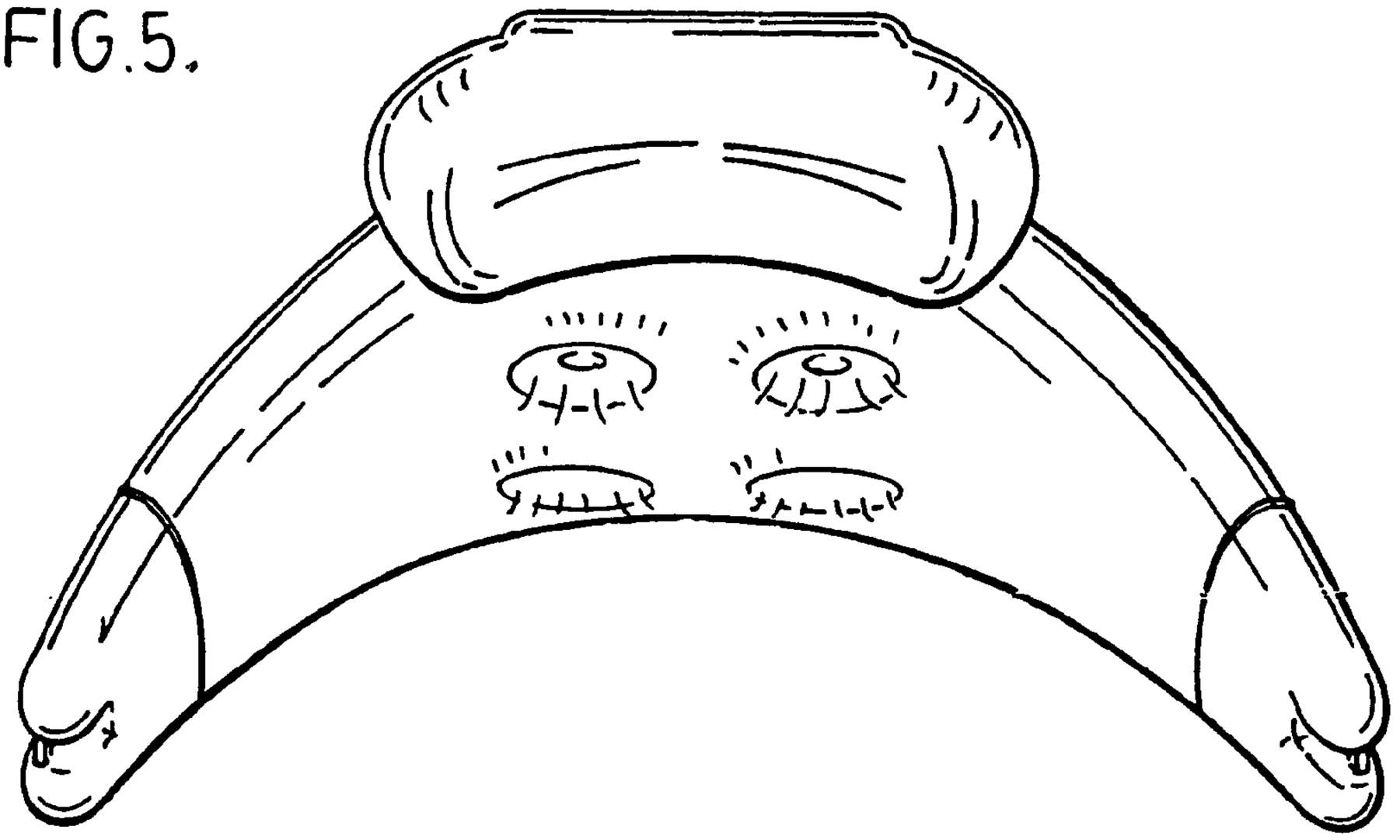
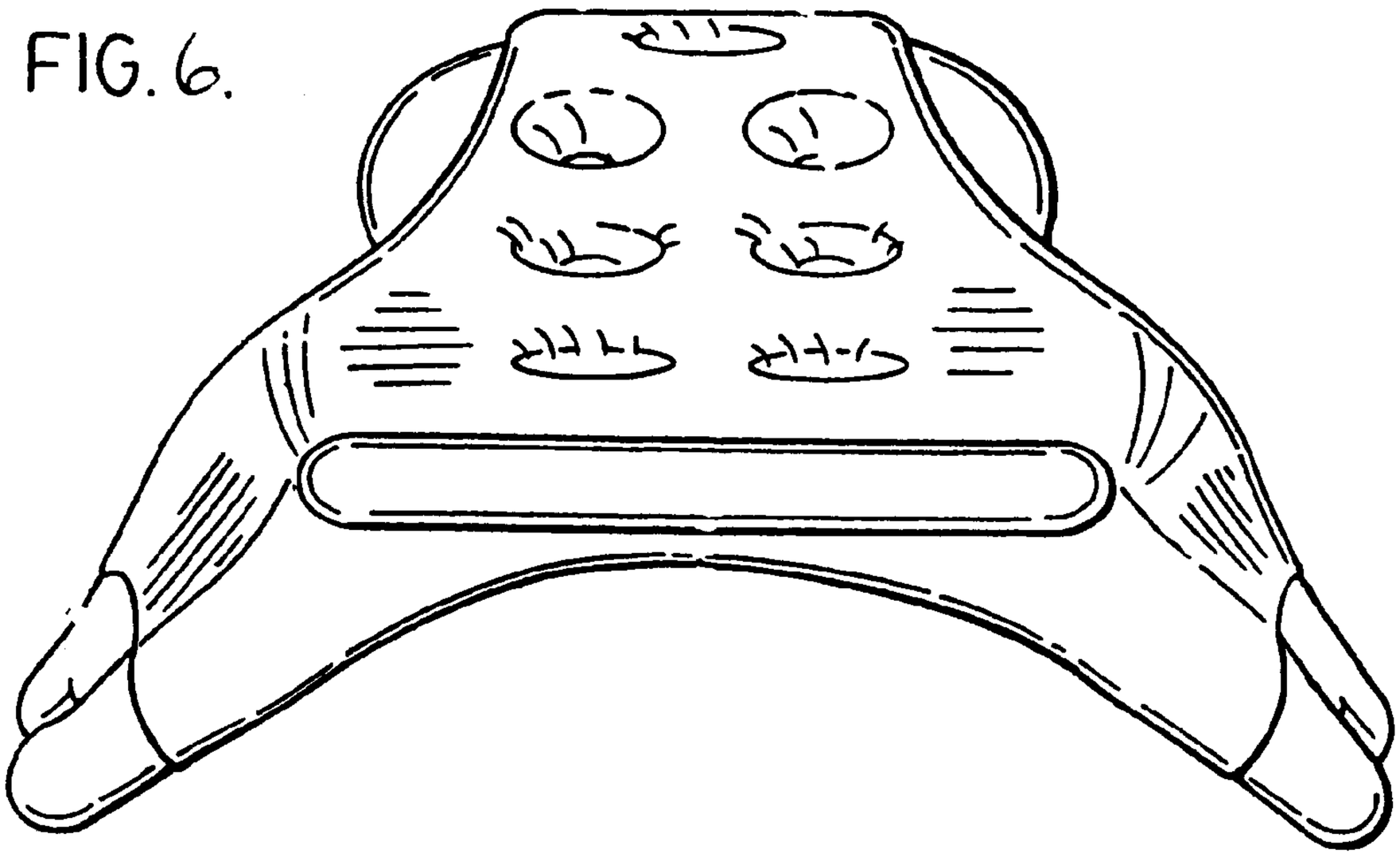


FIG. 6.



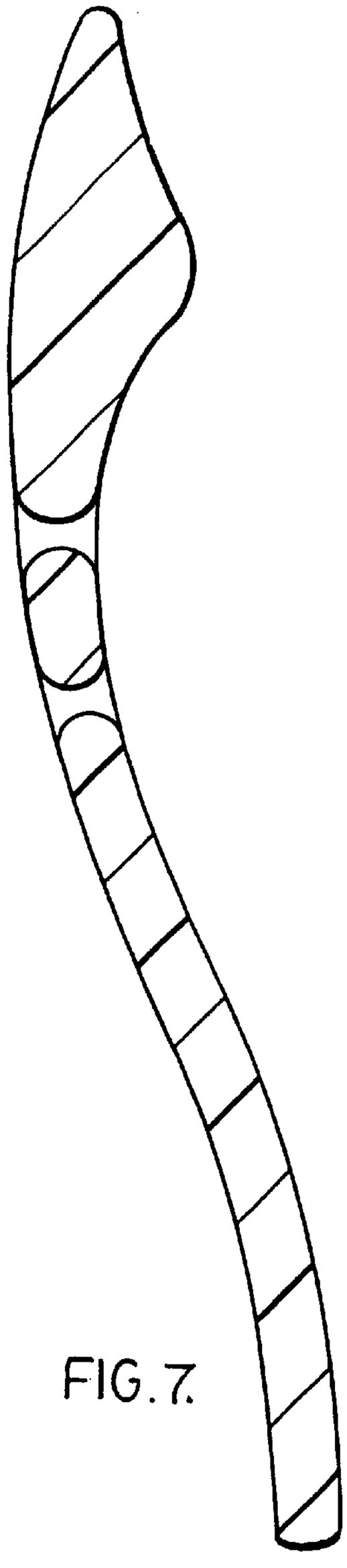


FIG. 7.

FIG. 8.

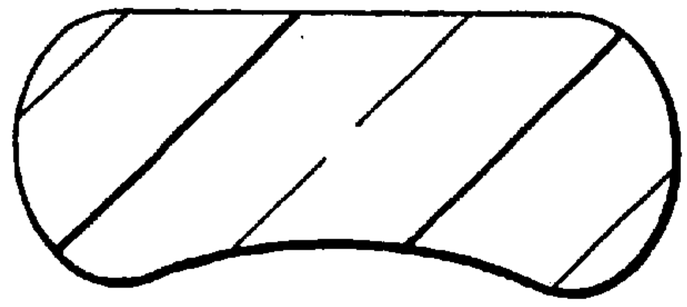


FIG. 9.

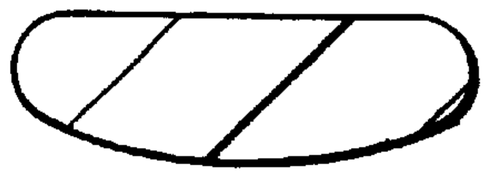


FIG. 10.