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United States Patent [19]
Pombo

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[45] **Date of Patent:** ****May 26, 1998**

[54] **HEAD MOUNTED DISPLAY DEVICE**

4,852,988 8/1989 Velez et al. .
4,952,024 8/1990 Gale .

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(List continued on next page.)

[73] **Assignee:** **Kopin Corporation, Taunton, Mass.**

FOREIGN PATENT DOCUMENTS

[**] **Term:** **14 Years**

0 344 881 A2	12/1989	European Pat. Off. .
0 408 344A3	6/1990	European Pat. Off. .
0 438 362 A1	1/1991	European Pat. Off. .
0 539 907 A3	3/1993	European Pat. Off. .
0 547 493 A1	6/1993	European Pat. Off. .
0 551 781 A1	6/1993	European Pat. Off. .
6-123852	3/1994	Japan .
1438789	6/1973	United Kingdom .
2 206421	1/1989	United Kingdom .
WO 91/04508	4/1991	WIPO .
WO 93/01583	1/1993	WIPO .
WO 93/18428	9/1993	WIPO .
WO 93/23783	11/1993	WIPO .
WO 94/01798	1/1994	WIPO .
WO 94/14152	6/1994	WIPO .
WO 94/18595	8/1994	WIPO .
WO 95/11473	4/1995	WIPO .

[21] **Appl. No.:** **62,982**

[22] **Filed:** **Nov. 26, 1996**

Related U.S. Application Data

[63] **Continuation of Ser. No. 53,207, Apr. 17, 1996, abandoned.**

[51] **LOC (6) Cl.** **02-03**

[52] **U.S. Cl.** **D14/124**

[58] **Field of Search** **D14/124; D16/133, D16/900; D29/103, 104, 105; D21/1, 13, 48, 240; 273/148 B; 463/30-35, 40-47; 359/480, 431, 407, 630; 345/7, 8, 9, 905; 348/42, 53, 115, 838**

OTHER PUBLICATIONS

HongKong Enterprise, 1994, p. 277.

Primary Examiner—Prabhakar G. Deshmukh

Attorney, Agent, or Firm—Hamilton, Brook, Smith & Reynolds, P.C.

[56] **References Cited**

U.S. PATENT DOCUMENTS

D. 338,514	8/1993	Holmes	.....	D21/240
D. 363,279	10/1995	Ishizawa et al.	.....	D14/124
D. 363,482	10/1995	Robinson et al.	.....	D14/124
D. 366,481	1/1996	Raviv et al.	.....	D14/124
D. 369,595	5/1996	Kober et al.	.....	D14/124
D. 370,909	6/1996	Oikawa et al.	.....	D14/124
D. 371,549	7/1996	Ronzani et al.	.....
D. 374,002	9/1996	Bassett et al.	.....	D14/124
3,816,005	6/1974	Kirschner	.....
3,923,370	12/1975	Mostrom	.....
4,028,725	6/1977	Lewis	.....
4,034,401	7/1977	Mann	.....
4,081,209	3/1978	Heller et al.	.....
4,181,405	1/1980	Cohen	.....
4,287,809	9/1981	Egli et al.	.....
4,361,384	11/1982	Bosserman	.....
4,636,866	1/1987	Hattori	.....
4,695,129	9/1987	Faessen et al.	.....
4,706,117	11/1987	Schoolman	.....	348/53
4,735,473	4/1988	Migozzi et al.	.....
4,761,056	8/1988	Evans et al.	.....

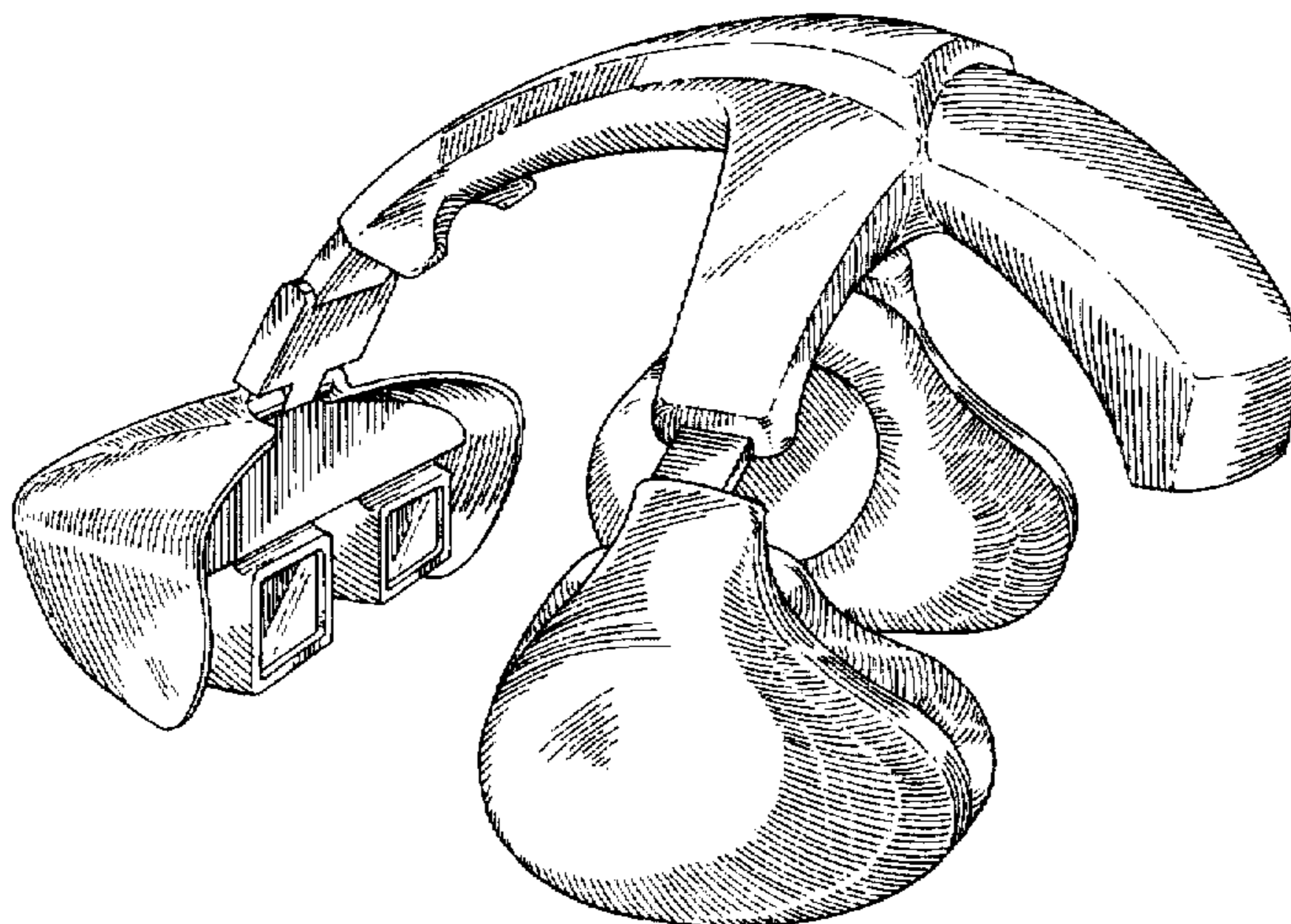
[57] **CLAIM**

The ornamental design for a head-mounted display device, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a head-mounted display device;
FIG. 2 is a left side of the head-mounted display device, the right side view being a mirror image thereof;
FIG. 3 is a bottom view of the head-mounted display device;
FIG. 4 is a front view of the head-mounted display device;
FIG. 5 is a rear view of the head-mounted display device;
and,
FIG. 6 is a top view of the head-mounted display device.

1 Claim, 6 Drawing Sheets



U.S. PATENT DOCUMENTS					
4,997,263	3/1991	Cohen et al. .	5,227,769	7/1993	Leksell et al. 345/8
5,003,300	3/1991	Wells .	5,276,471	1/1994	Yamauchi et al. 348/53 X
5,034,809	7/1991	Katoh .	5,281,957	1/1994	Schoolman .
5,050,966	9/1991	Berman .	5,321,416	6/1994	Bassett et al. .
5,093,567	3/1992	Staveley .	5,334,991	8/1994	Wells et al. 345/7 X
			5,347,400	9/1994	Hunter .

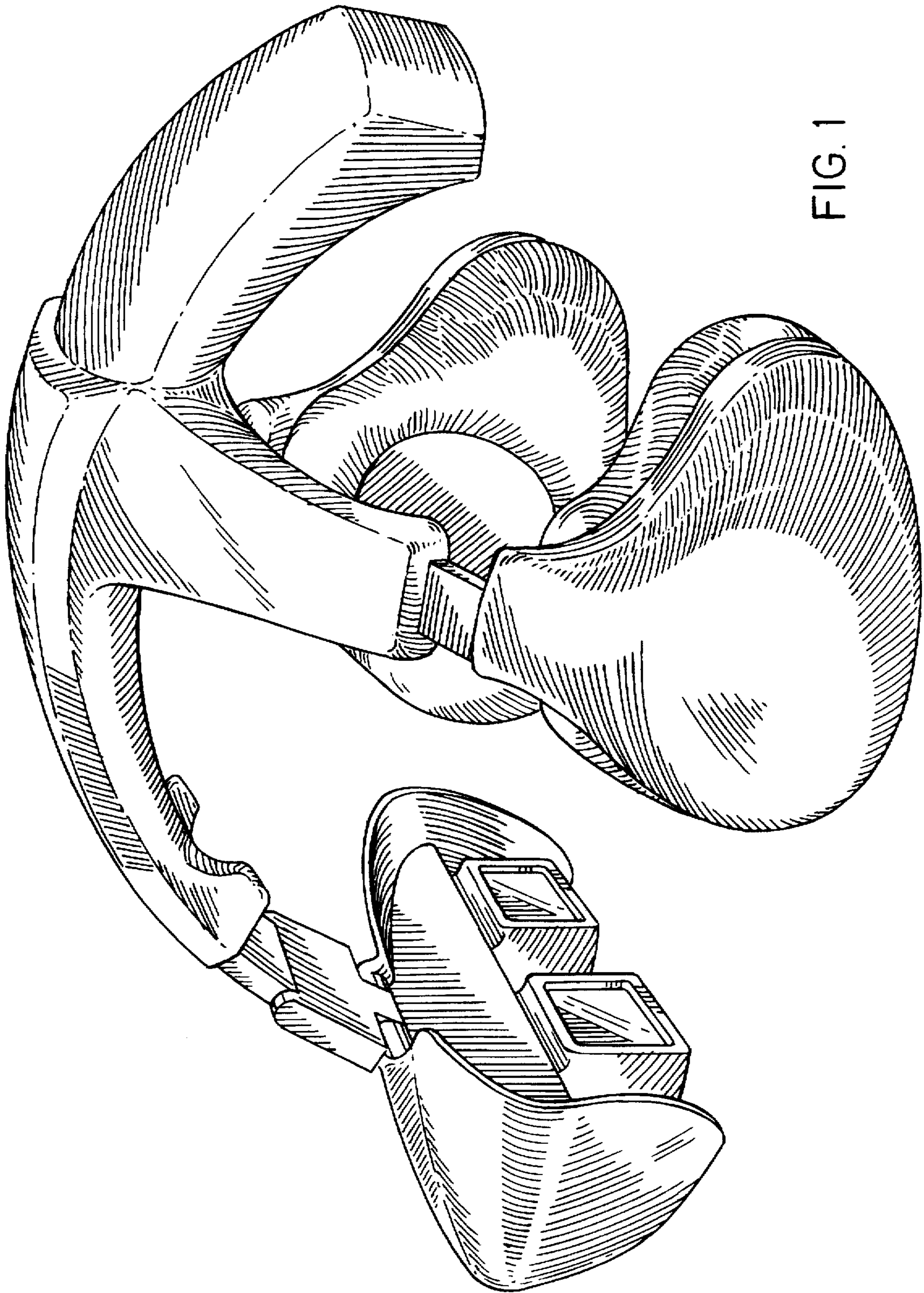


FIG. 1

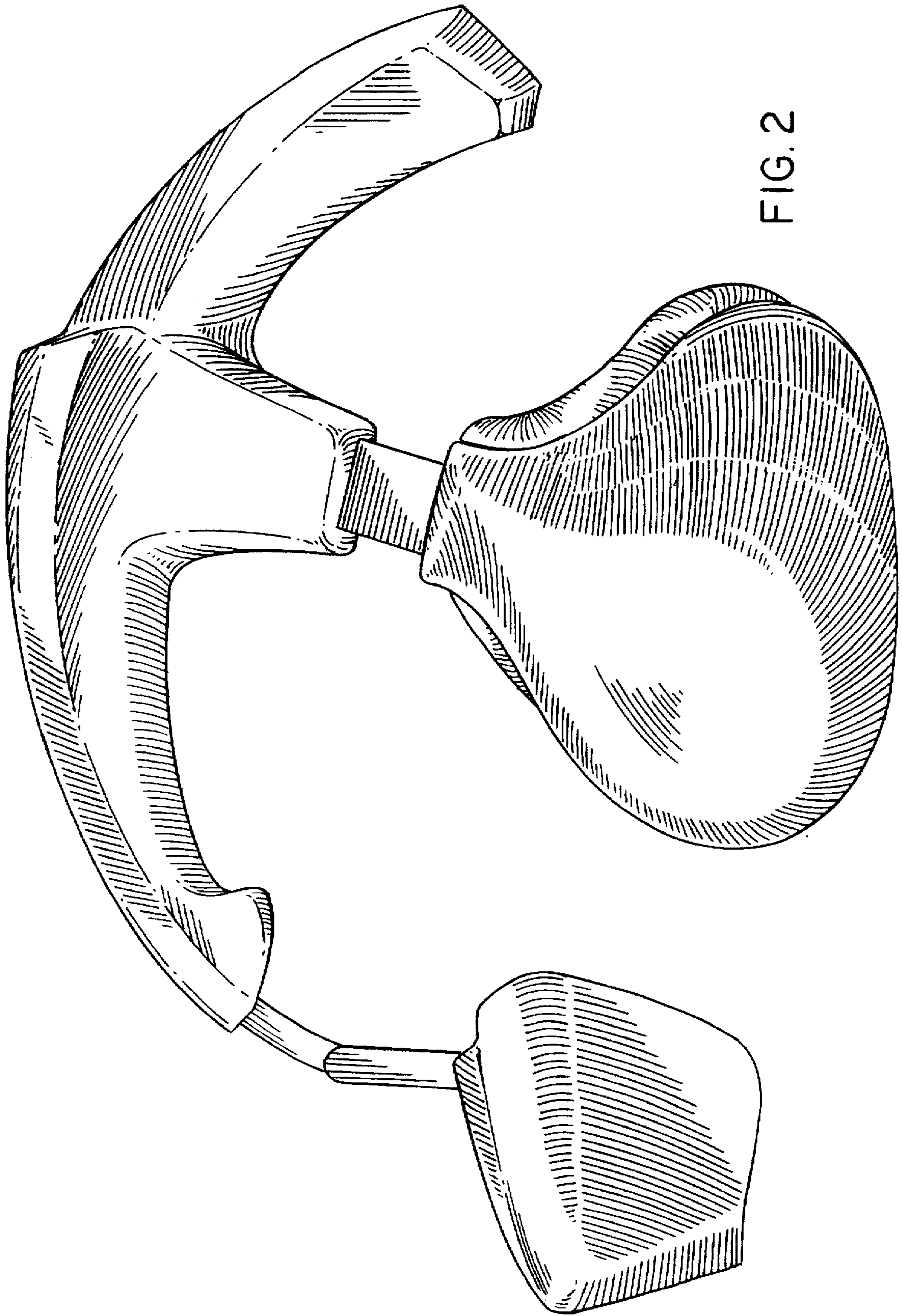


FIG. 2

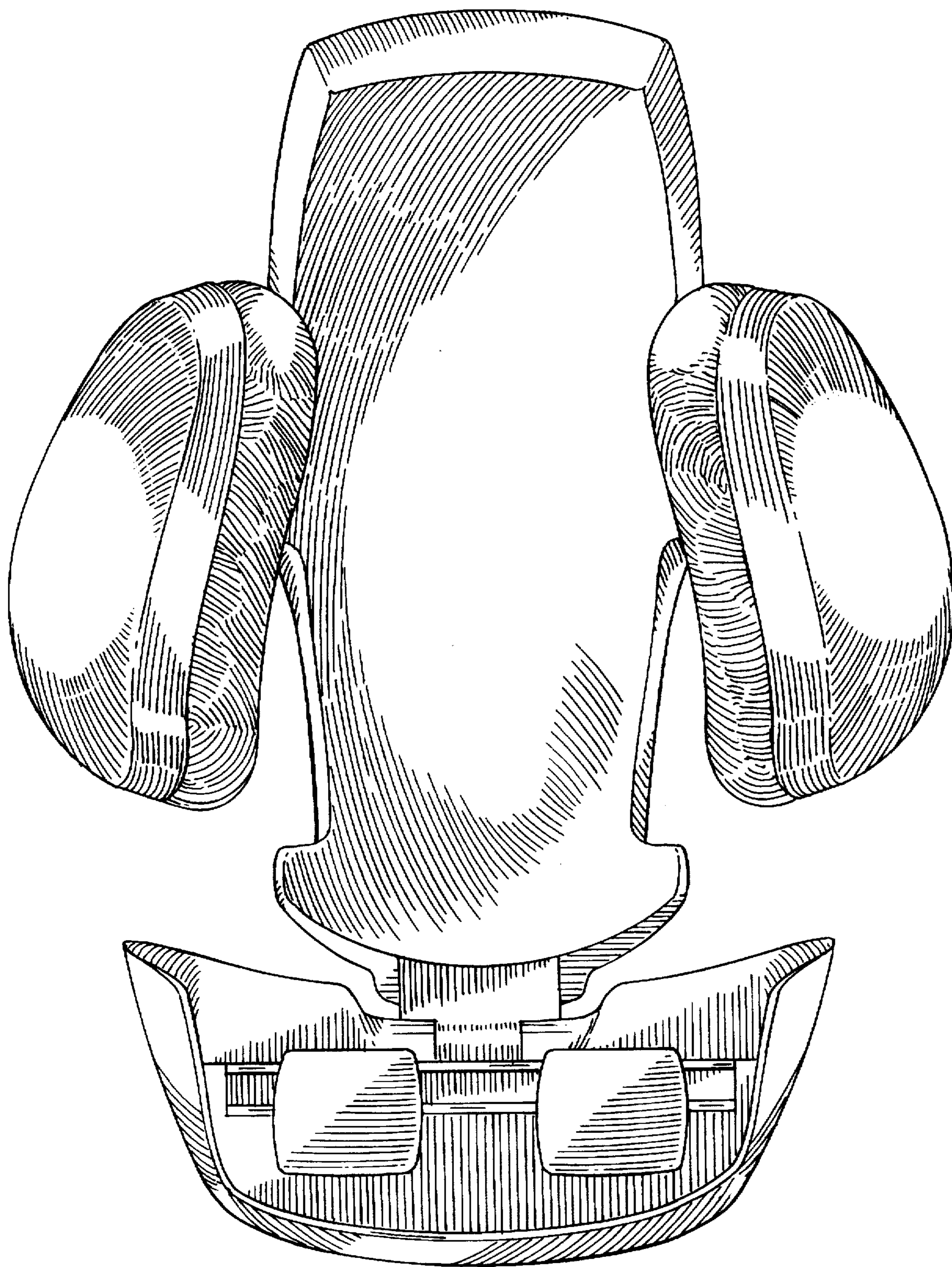


FIG. 3

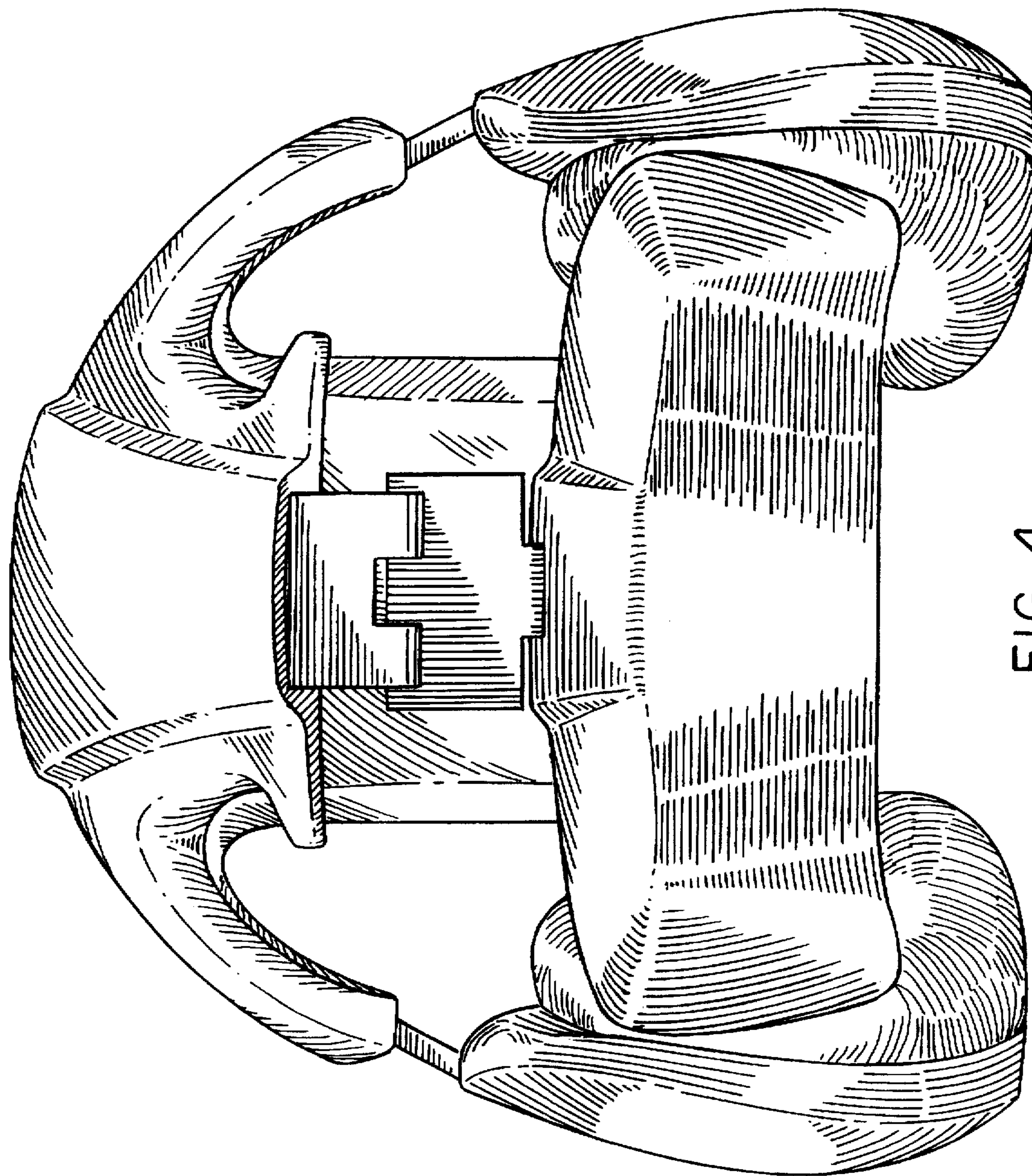


FIG. 4

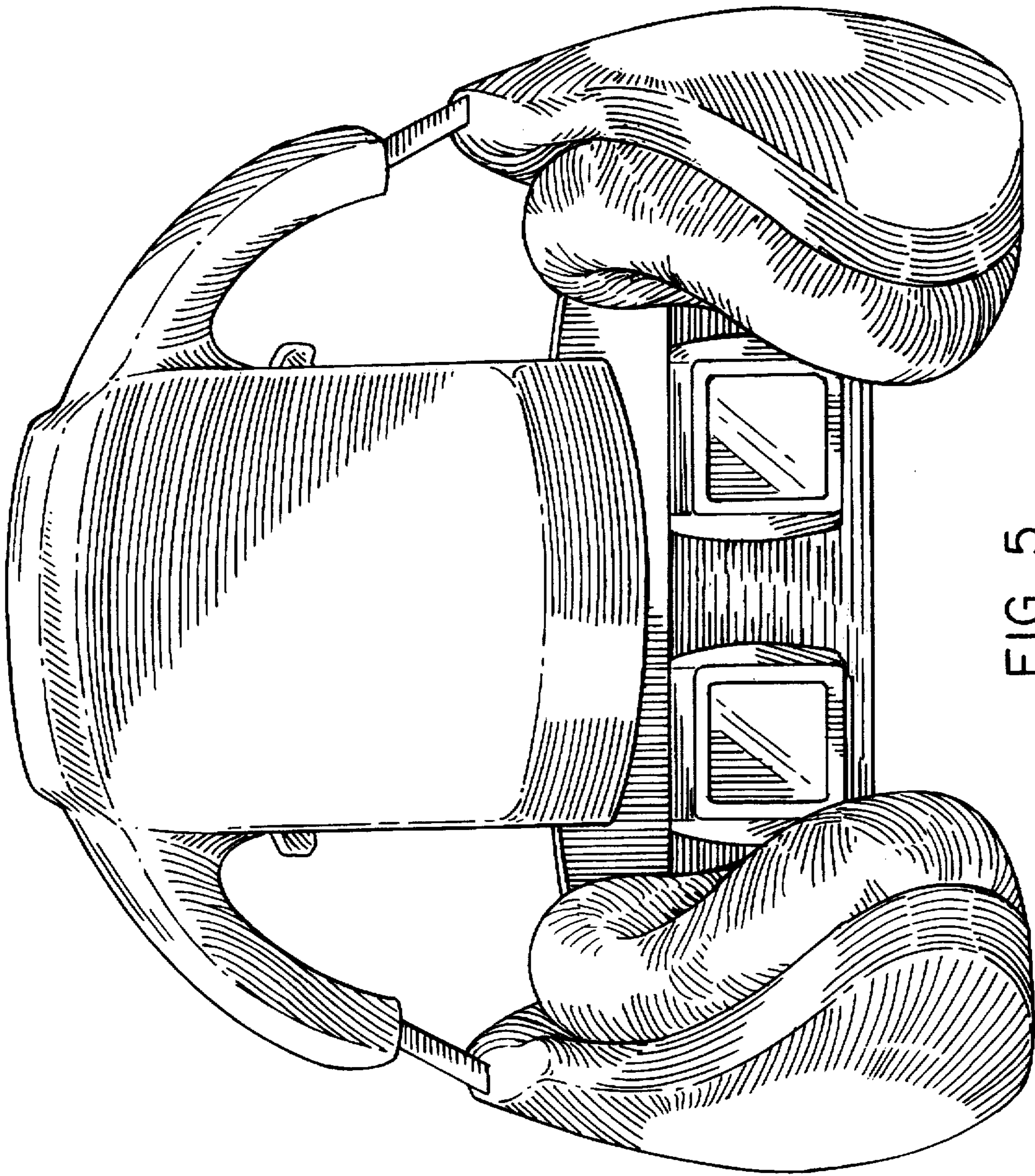


FIG. 5

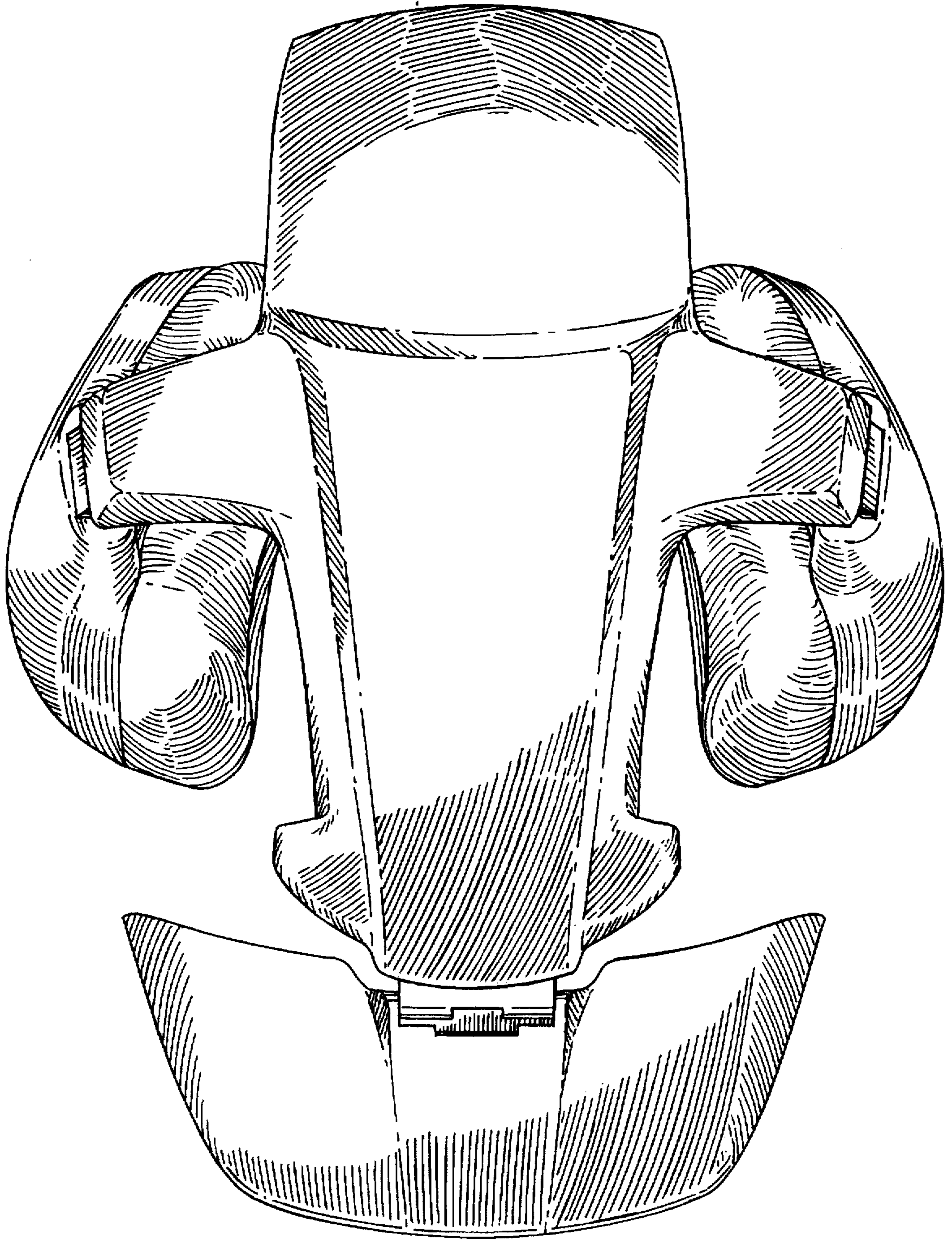


FIG. 6