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(12) **United States Design Patent** (10) **Patent No.:** **US D520,963 S**  
**Krauss** (45) **Date of Patent:** **\*\* May 16, 2006**

(54) **CONTROLLER** 4,865,020 A 9/1989 Bullard ..... 128/64  
5,007,411 A 4/1991 Dye ..... 128/64  
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5,027,797 A 7/1991 Bullard ..... 128/64  
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5,052,377 A 10/1991 Frajdenrajch ..... 128/64  
5,109,832 A 5/1992 Proctor et al. .... 128/24 R  
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(52) **U.S. Cl.** ..... **D13/168; D24/200**  
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340/825.24, 825.25, 825.31, 825.36, 825.69,  
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348/734; 455/100, 151.1-151.4, 352-355;  
463/39; 700/17, 18, 19, 22, 83; D24/200,  
D24/215; 601/152

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

3,307,533 A 3/1967 Meredith et al. .... 128/24  
3,728,875 A 4/1973 Hartigan et al. .... 66/172 E  
3,811,431 A 5/1974 Apstein ..... 128/64  
3,892,229 A 7/1975 Taylor et al. .... 128/24 R  
3,924,613 A 12/1975 Beck ..... 128/24 R  
4,013,069 A 3/1977 Hasty ..... 128/24 R  
4,030,488 A 6/1977 Hasty ..... 128/24 R  
4,077,402 A 3/1978 Benjamin, Jr. et al. ... 128/24 R  
4,091,804 A 5/1978 Hasty ..... 128/24 R  
4,156,425 A 5/1979 Arkans ..... 128/24 R  
4,198,961 A 4/1980 Arkans ..... 128/24 R  
4,207,875 A 6/1980 Arkans ..... 128/24 R  
4,207,876 A 6/1980 Annis ..... 128/24 R  
4,253,449 A 3/1981 Arkans et al. .... 128/24 R  
4,396,010 A 8/1983 Arkans ..... 128/24 R  
4,408,599 A 10/1983 Mummert ..... 128/24 R  
4,419,988 A 12/1983 Mummert ..... 128/24 R  
4,469,099 A 9/1984 McEwen ..... 128/327  
4,481,937 A 11/1984 Arkans ..... 128/24 R  
4,624,244 A 11/1986 Taheri ..... 128/24 R

**OTHER PUBLICATIONS**

Tyco Healthcare Kendall, SCD Response Catalog, Mar. 2000, pp. 1-2.  
Tyco Healthcare Kendall, SCD Soft Sleeve Catalog, Apr. 2001, pp. 1-2.  
The Kendall Company, Vascular Therapy Products Catalog, Jan. 1996, pp. 8-5-8-7.  
The Kendall Company, The New SCD Compression Sleeve, Aug. 1993, pp. 1-2.  
Tyco Healthcare Kendall, Prevention Gets Personal, Mar. 2001, pp. 1, 2, 4.  
Kendall SCD, Sequential Compression Sleeves, Patent Information, Jan. 1993, 6 pp.

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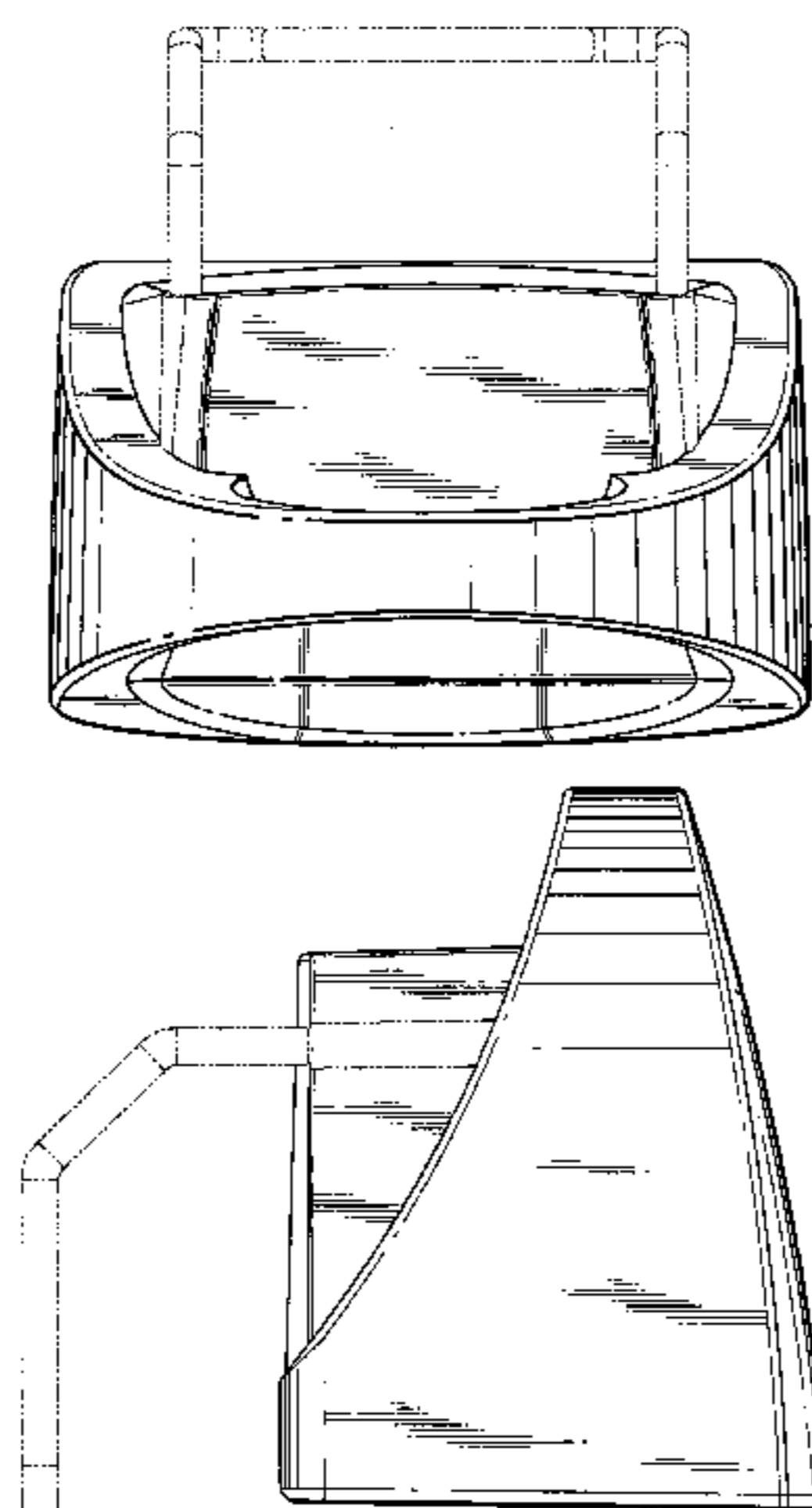
(57) **CLAIM**

The ornamental design for a controller, as shown and described.

**DESCRIPTION**

FIG. 1 is a top plan view of a controller showing our new design;  
FIG. 2 is a side elevation view of the controller of FIG. 1;  
FIG. 3 is a front elevation view of the controller of FIG. 1;  
FIG. 4 is another side elevation view of the controller of FIG. 1;  
FIG. 5 is a back elevation view of the controller of FIG. 1; and,  
FIG. 6 is a bottom plan view of the controller FIG. 1.  
The broken line showing of the environment is for illustrative purposes only and forms no part of the claimed design.

**1 Claim, 6 Drawing Sheets**



# US D520,963 S

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## U.S. PATENT DOCUMENTS

5,186,163	A	2/1993	Dye	128/64	6,007,559	A	12/1999	Arkans	606/201
5,254,087	A	10/1993	McEwen	604/66	6,036,662	A	3/2000	Van Brunt et al.	601/41
5,307,791	A	5/1994	Senoue et al.	601/9	6,051,016	A	4/2000	Mesaros et al.	606/202
5,383,894	A	1/1995	Dye	606/201	6,231,532	B1	5/2001	Watson et al.	601/150
5,437,610	A	8/1995	Cariapa et al.	601/152	6,290,662	B1	9/2001	Morris et al.	601/149
5,502,377	A	3/1996	Freund	324/175	6,296,617	B1	10/2001	Peeler et al.	601/152
5,524,087	A	6/1996	Kawamura et al.	364/721	6,315,745	B1	11/2001	Kloecker	602/13
5,556,415	A	9/1996	McEwen et al.	606/202	D452,570	S	12/2001	Since	D24/200
5,575,762	A	11/1996	Peeler et al.	601/152	6,436,064	B1	8/2002	Kloecker	602/13
5,588,955	A	12/1996	Johnson, Jr. et al.	601/152	6,440,093	B1	8/2002	McEwen et al.	601/150
5,591,200	A	1/1997	Cone et al.	606/201	6,450,981	B1	9/2002	Shabty et al.	601/150
5,626,556	A	5/1997	Tobler et al.	601/151	6,468,237	B1	10/2002	Lina	601/150
D384,159	S	9/1997	Tsai	D24/215	6,475,228	B1	11/2002	Mesaros et al.	606/202
5,681,339	A	10/1997	McEwen et al.	606/202	6,494,852	B1	12/2002	Barak et al.	601/151
5,711,760	A	1/1998	Ibrahim et al.	601/149	D473,314	S	4/2003	Since	D24/200
5,769,797	A	6/1998	Van Brunt et al.	601/41	6,544,202	B1	4/2003	McEwen et al.	601/150
5,830,164	A	11/1998	Cone et al.	601/152	6,572,621	B1	6/2003	Zheng et al.	606/64
5,843,007	A	12/1998	McEwen et al.	601/152	6,589,267	B1	7/2003	Hui	606/202
5,855,589	A	1/1999	McEwen et al.	606/202	6,629,941	B1	10/2003	Ishibashi et al.	601/152
5,876,359	A	3/1999	Bock et al.	601/150	6,786,879	B1	9/2004	Bolam et al.	601/152
5,911,735	A	6/1999	McEwen et al.	606/201	D502,996	S	3/2005	Guenther	D24/200
5,931,853	A	8/1999	McEwen et al.	606/203	2002/0042583	A1	4/2002	Barak et al.	601/1
5,935,146	A	8/1999	McEwen et al.	606/202	2002/0042584	A1	4/2002	Rue	602/5
5,951,502	A	9/1999	Peeler et al.	601/149	2005/0222526	A1	10/2005	Perry et al.	601/152
6,001,119	A	12/1999	Hampson et al.	606/202					

\* cited by examiner

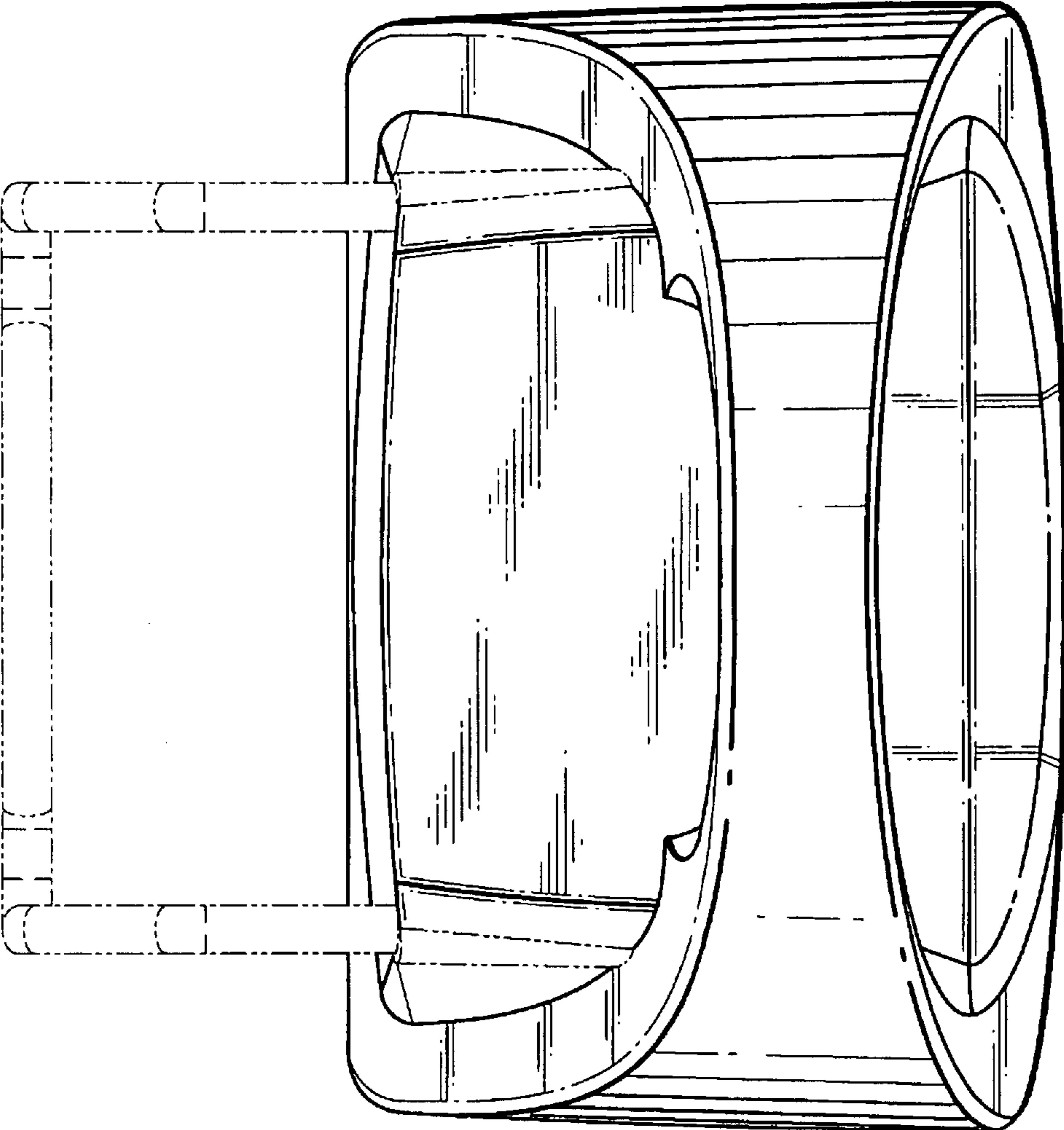
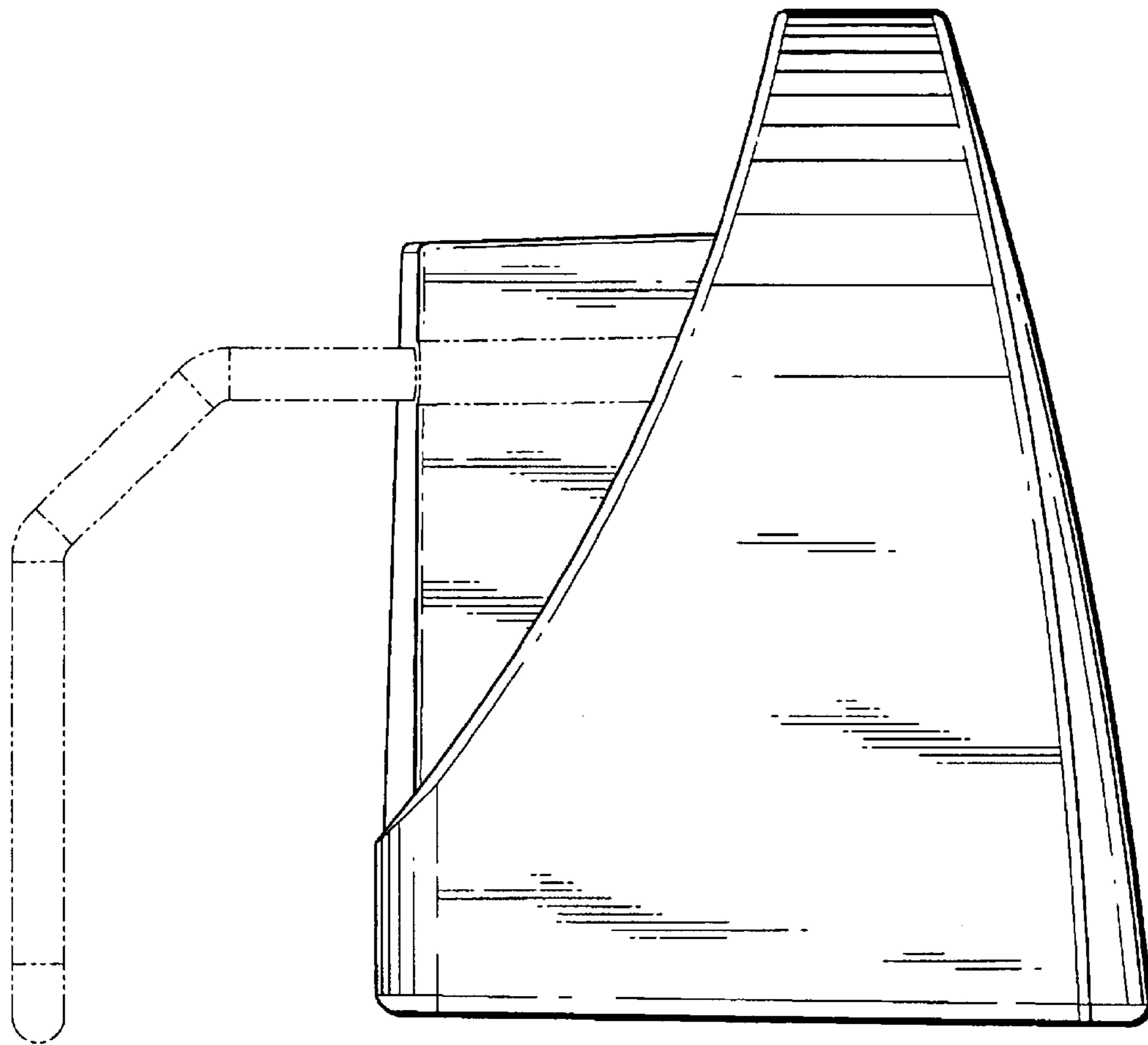
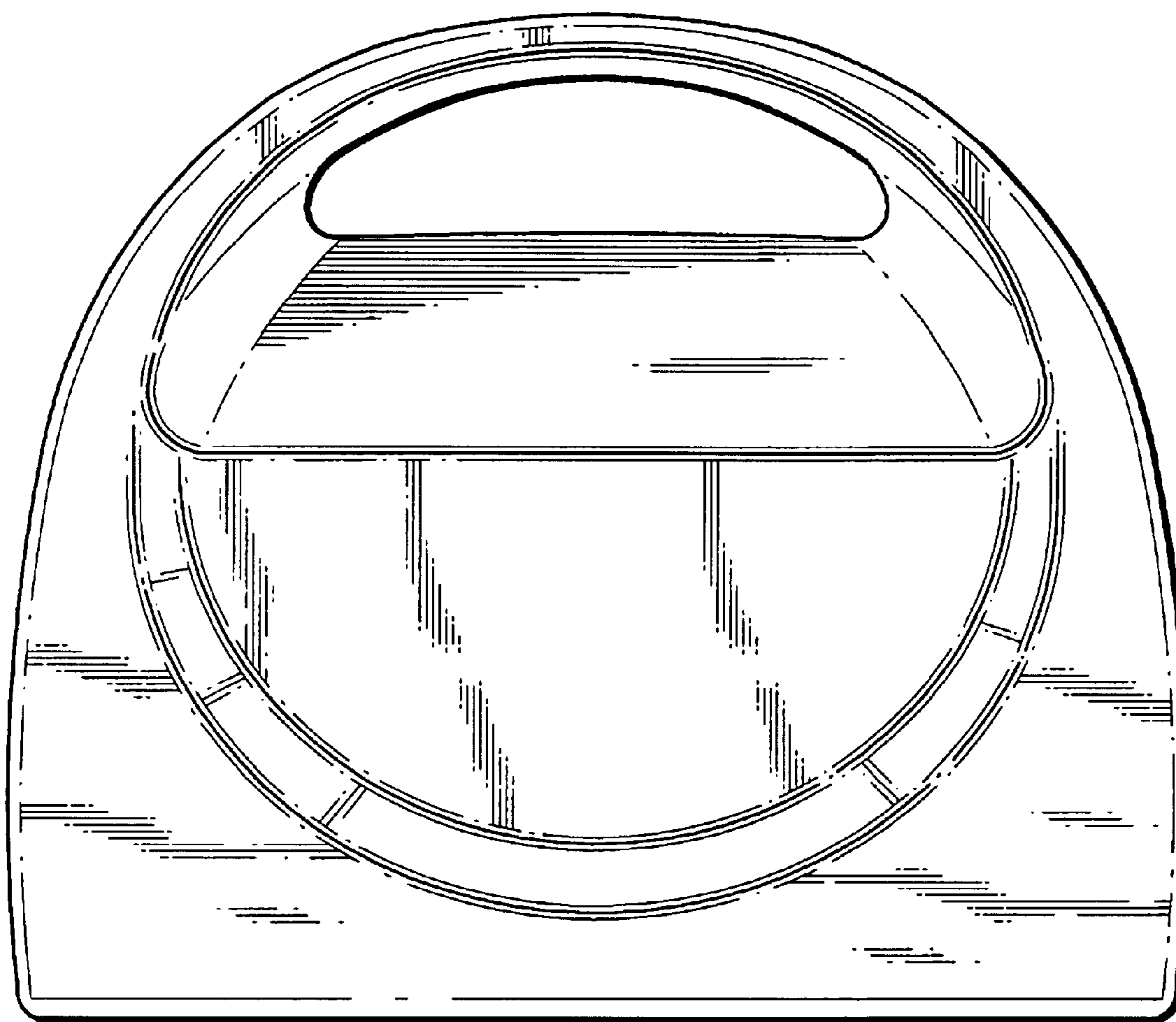


FIG. 1

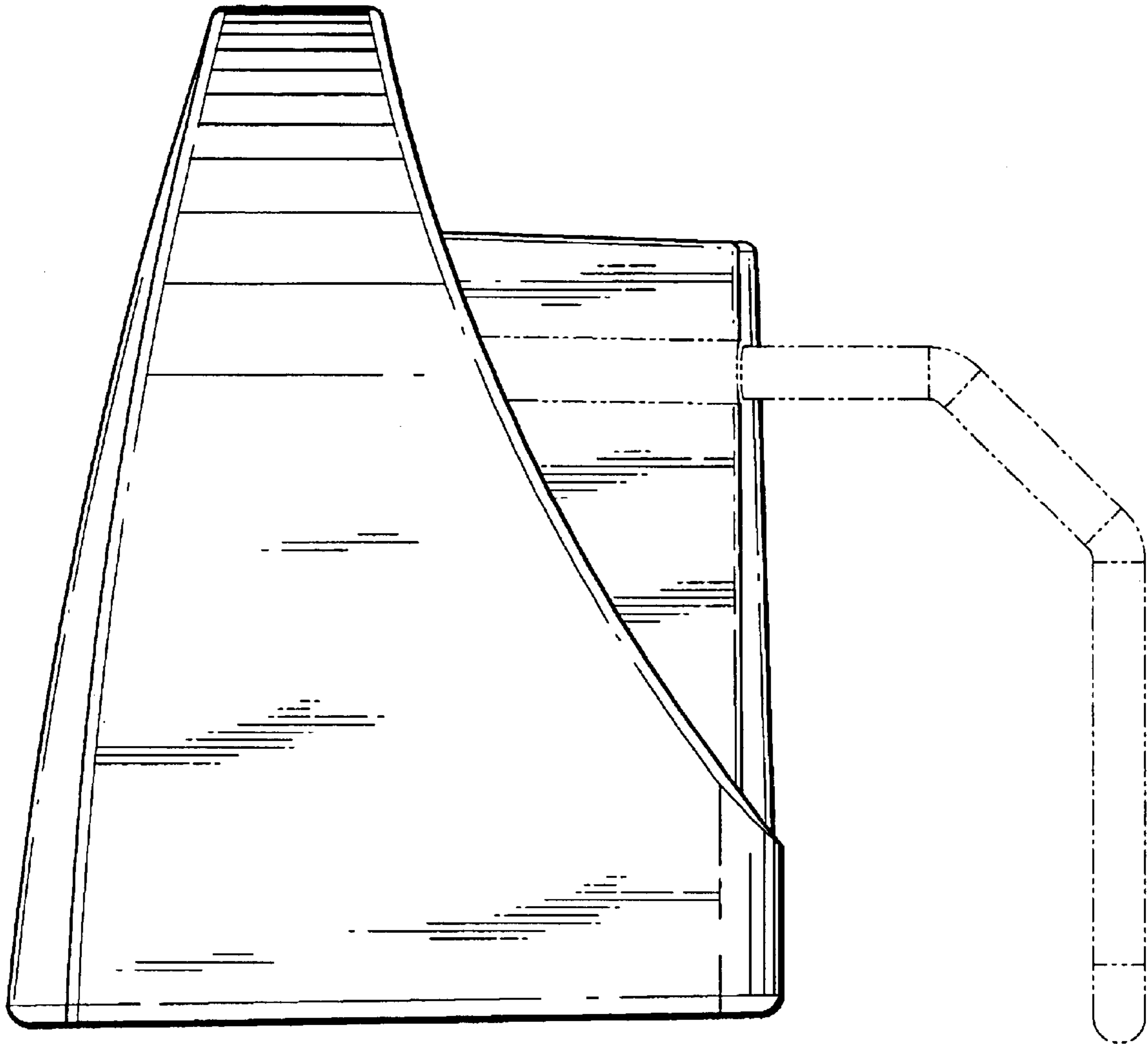


**FIG. 2**

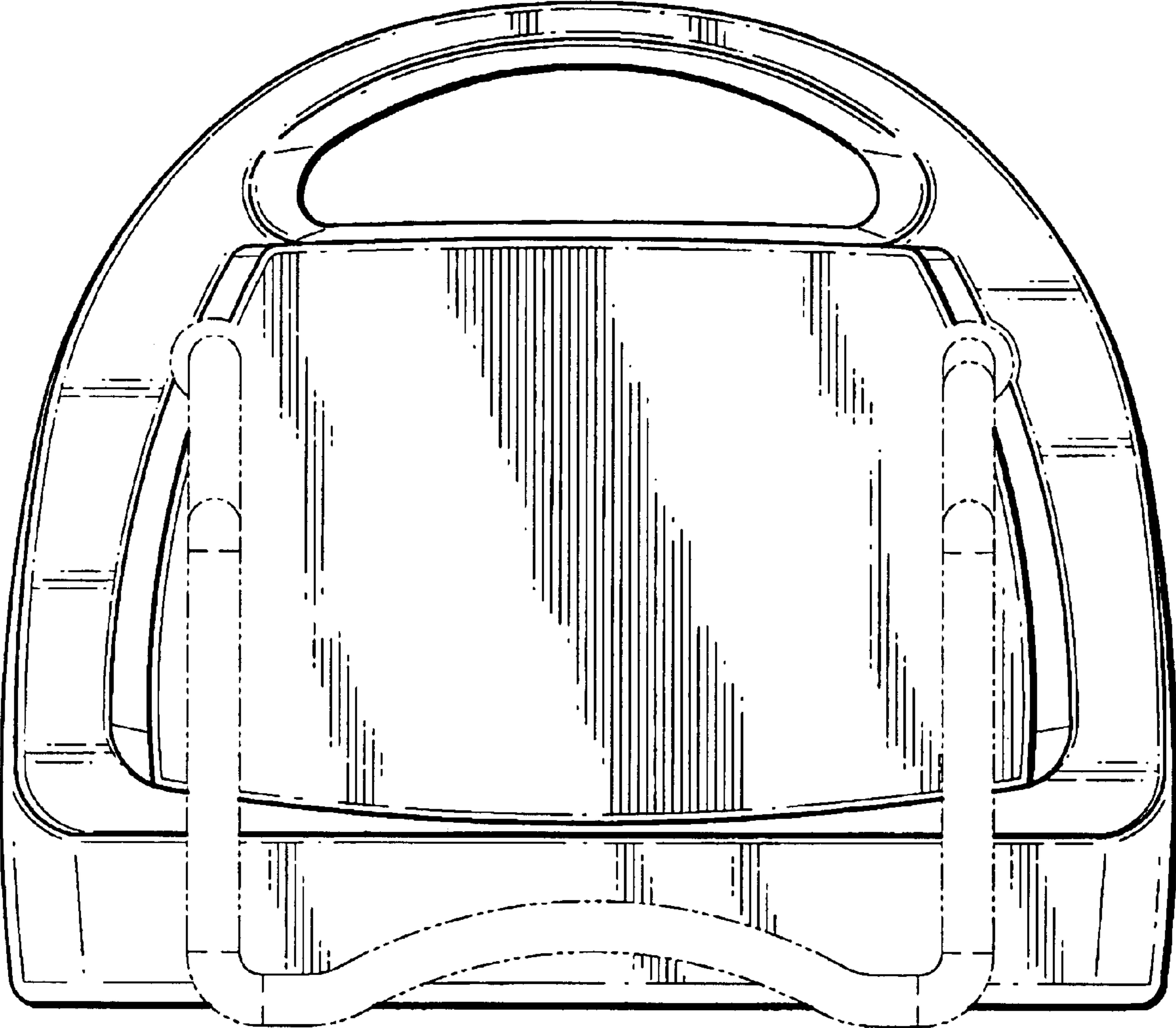




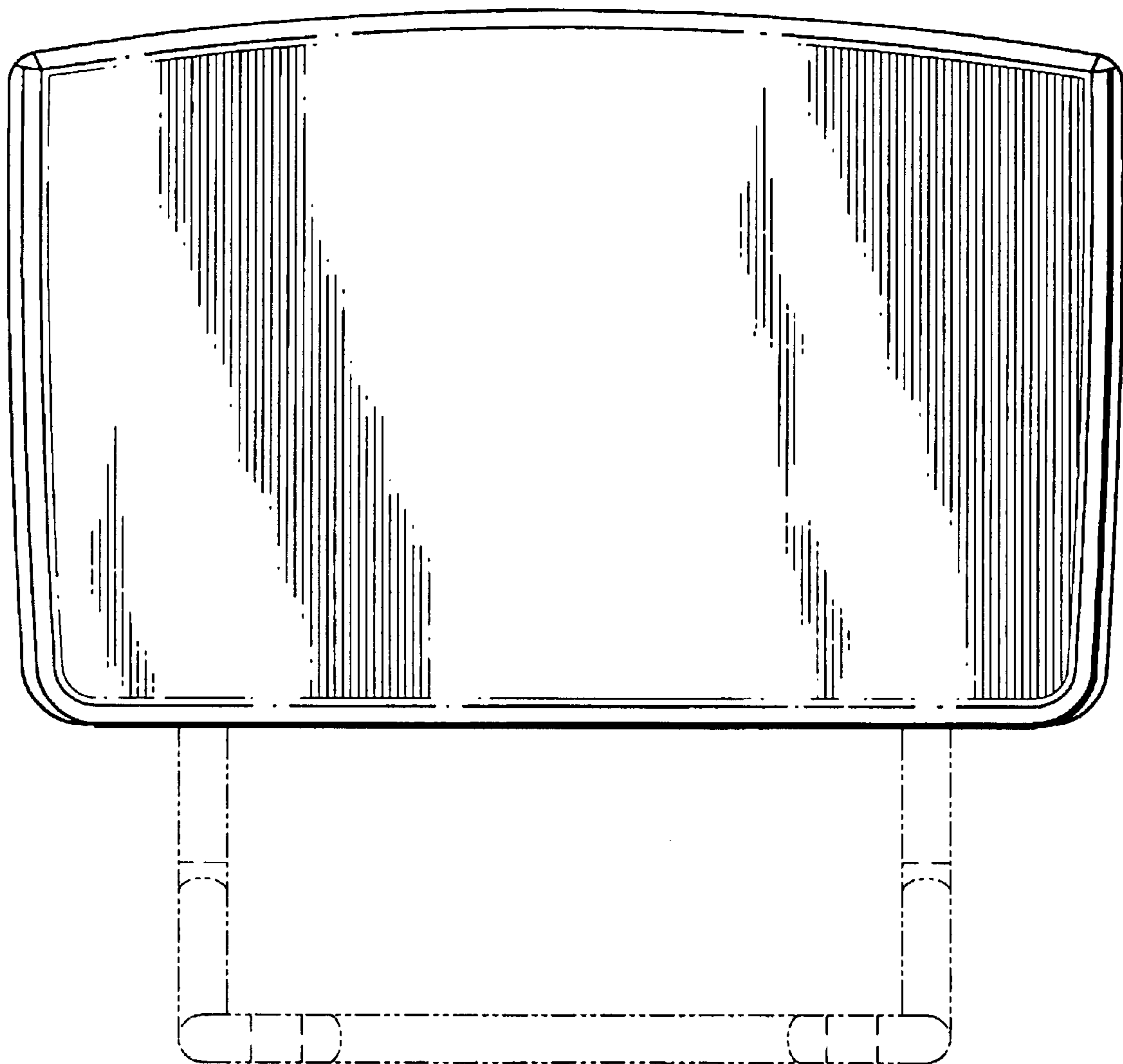
**FIG. 3**



**FIG. 4**



**FIG. 5**



**FIG. 6**