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(12) **United States Design Patent** (10) **Patent No.:** **US D533,947 S**  
**Gomm et al.** (45) **Date of Patent:** **\*\* Dec. 19, 2006**

(54) **REAGENT CARRIER FOR USE IN AN AUTOMATED ANALYZER**  
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(52) **U.S. Cl.** ..... **D24/227**  
(58) **Field of Classification Search** ..... D24/128, D24/216, 224-232; D9/456; 73/864.91; 206/526; 422/56-58, 61-68.1, 81-82, 100-104; 436/165  
See application file for complete search history.

EP 1 398 613 3/2004  
EP 1 460 431 9/2004  
EP 1 498 734 1/2005  
GB 1 354 286 5/1974  
JP 61-160036 7/1986  
WO 90/08307 7/1990  
WO 92/22801 12/1992  
WO 92/22802 12/1992  
WO 92/22879 12/1992  
WO 97/16733 5/1997  
WO 97/26541 7/1997  
WO 99/44031 9/1999  
WO 01/36981 5/2001  
WO 01/96863 12/2001  
WO 02/08769 1/2002  
WO 02/086514 10/2002  
WO 03/012453 2/2003  
WO 03/036273 5/2003  
WO 2004/013640 2/2004  
WO 2005/005992 1/2005

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(56) **References Cited**

U.S. PATENT DOCUMENTS

3,681,995 A 8/1972 Paatzsch  
4,140,018 A 2/1979 Maldarelli et al.  
4,259,288 A 3/1981 Welch  
4,298,570 A 11/1981 Lillig et al.  
4,322,216 A 3/1982 Lillig et al.

(Continued)

FOREIGN PATENT DOCUMENTS

EP 0 435 481 7/1991  
EP 0 452 308 10/1991  
EP 0 567 093 10/1993  
EP 0 628 824 12/1994  
EP 0 755 519 1/1997  
EP 0 769 547 4/1997  
EP 0 918 221 5/1999  
EP 0 937 983 8/1999  
EP 0 973 039 1/2000  
EP 0 979 999 2/2000  
EP 1 099 950 5/2001  
EP 1 248 113 10/2002  
EP 1 058 826 1/2004

(57) **CLAIM**

We claim the ornamental design for a reagent carrier for use in an automated analyzer, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of a reagent carrier for use in an automated analyzer, hereinafter referred to as the reagent carrier.

FIG. 2 is a side view in elevation of the reagent carrier of FIG. 1.

FIG. 3 is a top plan view of the reagent carrier of FIG. 1.

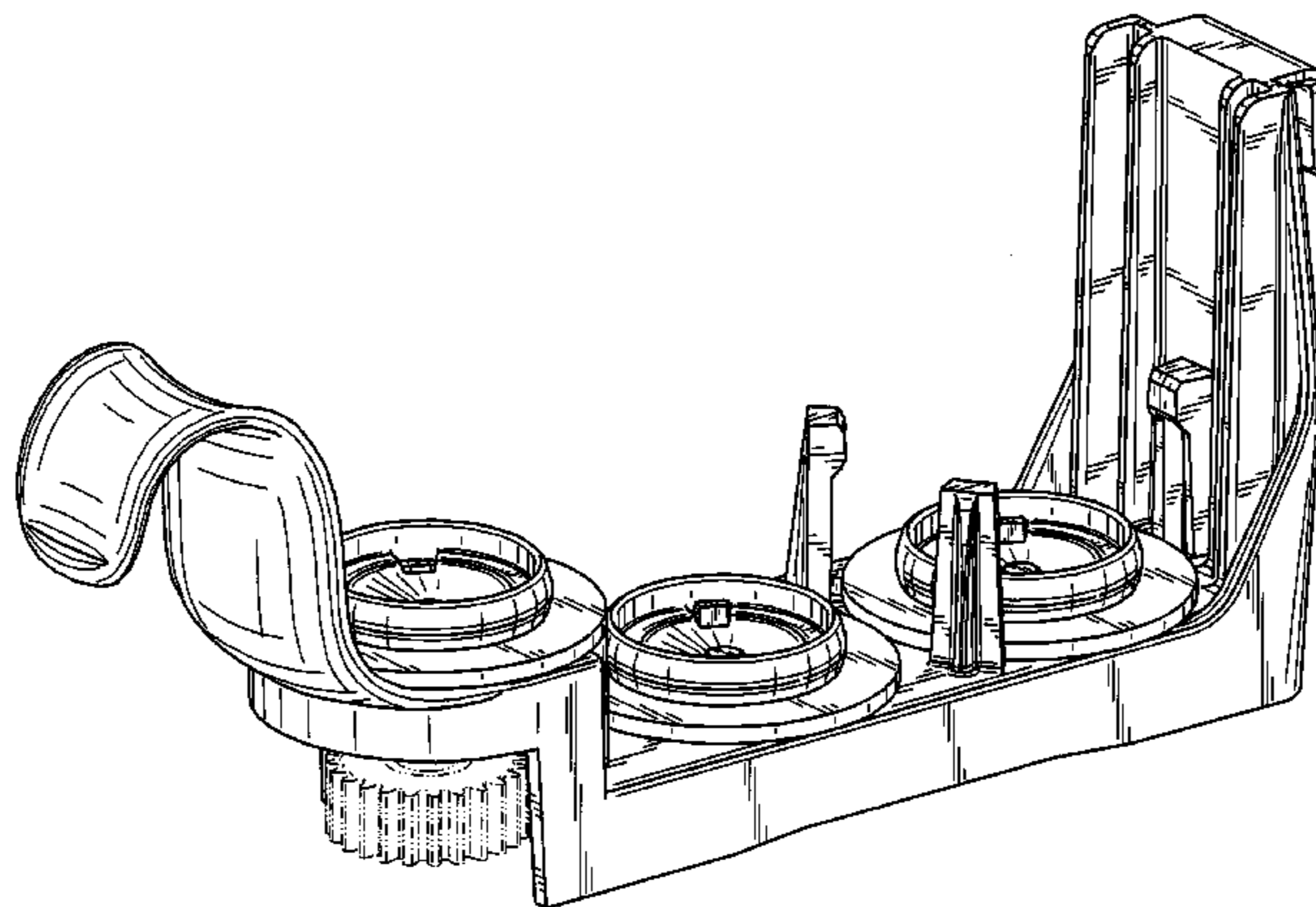
FIG. 4 is a rear view in elevation of the reagent carrier of FIG. 1.

FIG. 5 is a front view in elevation of the reagent carrier of FIG. 1; and,

FIG. 6 is a bottom plan view reagent carrier of FIG. 1.

The broken line showing of the base structure is for illustrative purposes only and forms no part of the claimed design.

**1 Claim, 5 Drawing Sheets**



# US D533,947 S

## U.S. PATENT DOCUMENTS

4,328,185	A	5/1982	Reasons et al.	6,081,326	A	6/2000	Rousseau et al.
4,338,279	A	7/1982	Orimo et al.	D428,497	S	* 7/2000	Lapeus et al. .... D24/227
4,517,160	A	5/1985	Galle et al.	6,096,271	A	8/2000	Bogen et al.
4,558,946	A	12/1985	Galle et al.	6,106,781	A	8/2000	Rosenberg
4,608,231	A	8/1986	Witty et al.	6,149,872	A	11/2000	Mack et al.
4,634,576	A	1/1987	Galle et al.	6,267,927	B1	7/2001	Pomar Longedo et al.
4,675,299	A	* 6/1987	Witty et al. .... 436/165	6,293,750	B1	9/2001	Cohen et al.
4,678,752	A	7/1987	Thorne et al.	6,299,567	B1	10/2001	Forrest et al.
4,781,891	A	11/1988	Galle et al.	6,331,437	B1	12/2001	Cohen et al.
4,785,407	A	11/1988	Sakagami	6,426,043	B1	7/2002	Cohen et al.
4,785,953	A	* 11/1988	Buchholz et al. .... 206/526	6,426,044	B1	7/2002	Cohen et al.
4,844,887	A	7/1989	Galle et al.	6,426,228	B1	7/2002	Cohen et al.
4,848,917	A	7/1989	Benin et al.	6,440,368	B1	8/2002	Cohen et al.
4,849,177	A	* 7/1989	Jordan ..... 422/64	6,444,472	B1	9/2002	Cohen et al.
4,948,563	A	8/1990	Kanewske, III.	6,451,259	B1	9/2002	Cohen et al.
4,956,148	A	9/1990	Grandone	6,489,169	B1	12/2002	Cohen et al.
5,035,861	A	7/1991	Grandone	6,521,183	B1	2/2003	Burri et al.
5,147,610	A	9/1992	Watanabe et al.	6,588,625	B1	7/2003	Luoma, II et al.
5,192,506	A	3/1993	Kureshy et al.	6,623,697	B1	9/2003	Fuerst et al.
5,201,232	A	4/1993	Uffenheimer	6,709,634	B1	3/2004	Okada et al.
5,240,678	A	8/1993	Litsche	6,746,648	B1	6/2004	Mattila et al.
5,250,440	A	10/1993	Kelln et al.	6,764,649	B1	7/2004	Ammann
5,292,484	A	3/1994	Kelln et al.	6,790,413	B1	9/2004	Ngo et al.
5,314,825	A	5/1994	Weyrauch et al.	6,843,357	B1	1/2005	Bybee et al.
5,397,539	A	3/1995	Hayashi et al.	6,866,820	B1	* 3/2005	Otto et al. .... 422/63
5,417,922	A	5/1995	Markin et al.	2002/0028157	A1	3/2002	Takahashi et al.
5,518,693	A	5/1996	Tomasso et al.	2002/0031837	A1	3/2002	Matsubara et al.
5,525,304	A	6/1996	Matsson et al.	2002/0106814	A1	8/2002	Matsubara et al.
5,525,515	A	6/1996	Blattner	2002/0121139	A1	* 9/2002	Purpura et al. .... 73/864.91
5,580,524	A	12/1996	Forrest et al.	2002/0164269	A1	11/2002	Ngo et al.
5,587,129	A	12/1996	Kurosaki et al.	2002/0169518	A1	11/2002	Luoma, II et al.
5,605,665	A	2/1997	Clark et al.	2003/0026732	A1	2/2003	Gordon et al.
5,681,530	A	10/1997	Kuster et al.	2004/0005714	A1	* 1/2004	Safar et al. .... 422/63
5,728,954	A	3/1998	Uffenheimer	2004/0057872	A1	3/2004	Shibuya et al.
5,730,938	A	3/1998	Carbonari et al.	2004/0131499	A1	7/2004	Okada et al.
5,744,099	A	4/1998	Chase et al.	2004/0134750	A1	7/2004	Luoma, II
5,789,252	A	8/1998	Fujita et al.	2004/0253146	A1	12/2004	Shiba et al.
5,841,039	A	11/1998	Uffenheimer	2005/0005968	A1	1/2005	Berry et al.
5,885,529	A	3/1999	Babson et al.	2005/0013735	A1	1/2005	Gebrian et al.
5,885,530	A	3/1999	Babson et al.	2005/0013736	A1	1/2005	McKeever
D413,391	S	* 8/1999	Lapeus et al. .... D24/227	2005/0013737	A1	1/2005	Chow et al.
6,066,298	A	5/2000	Fukunaga				

\* cited by examiner

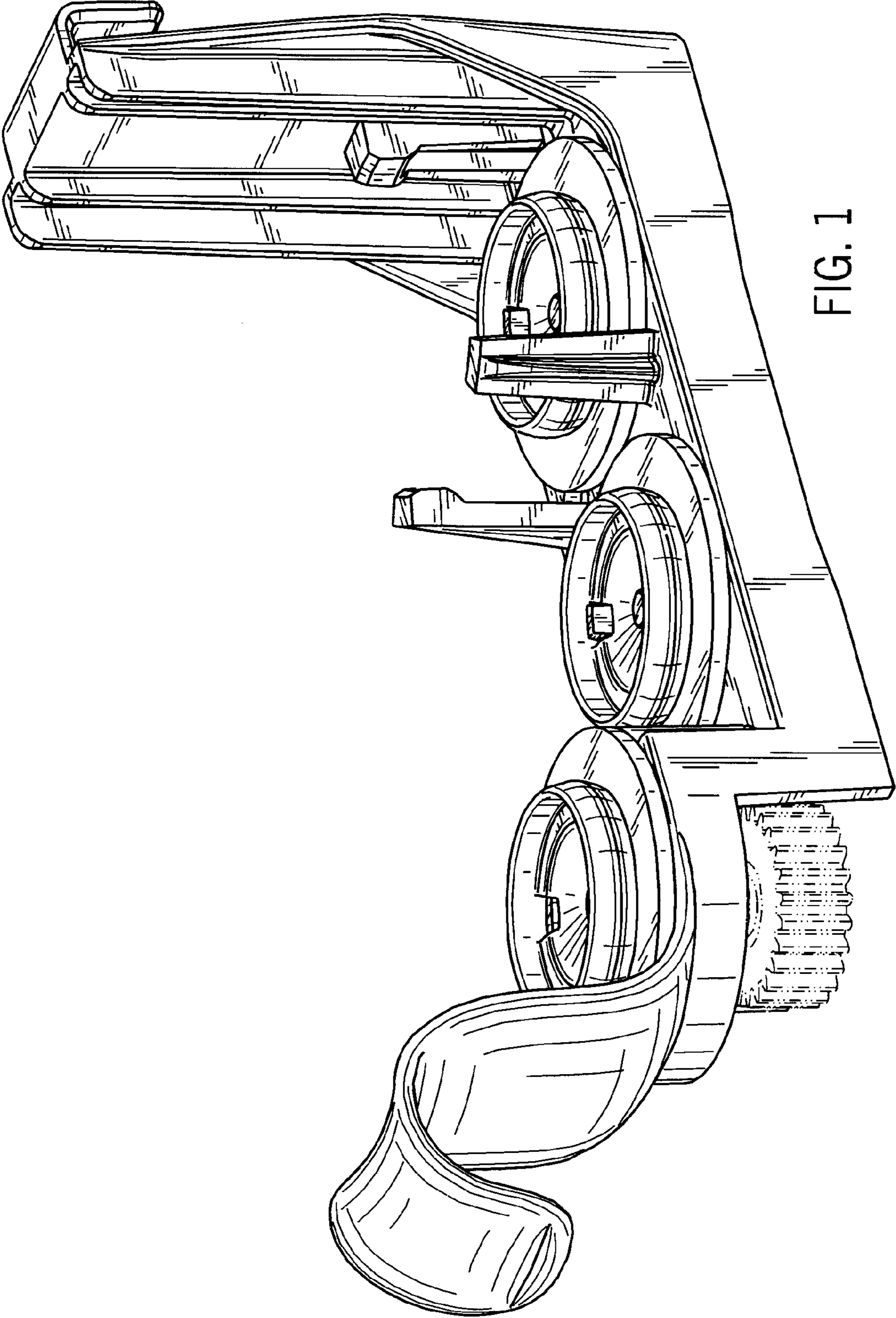


FIG. 1

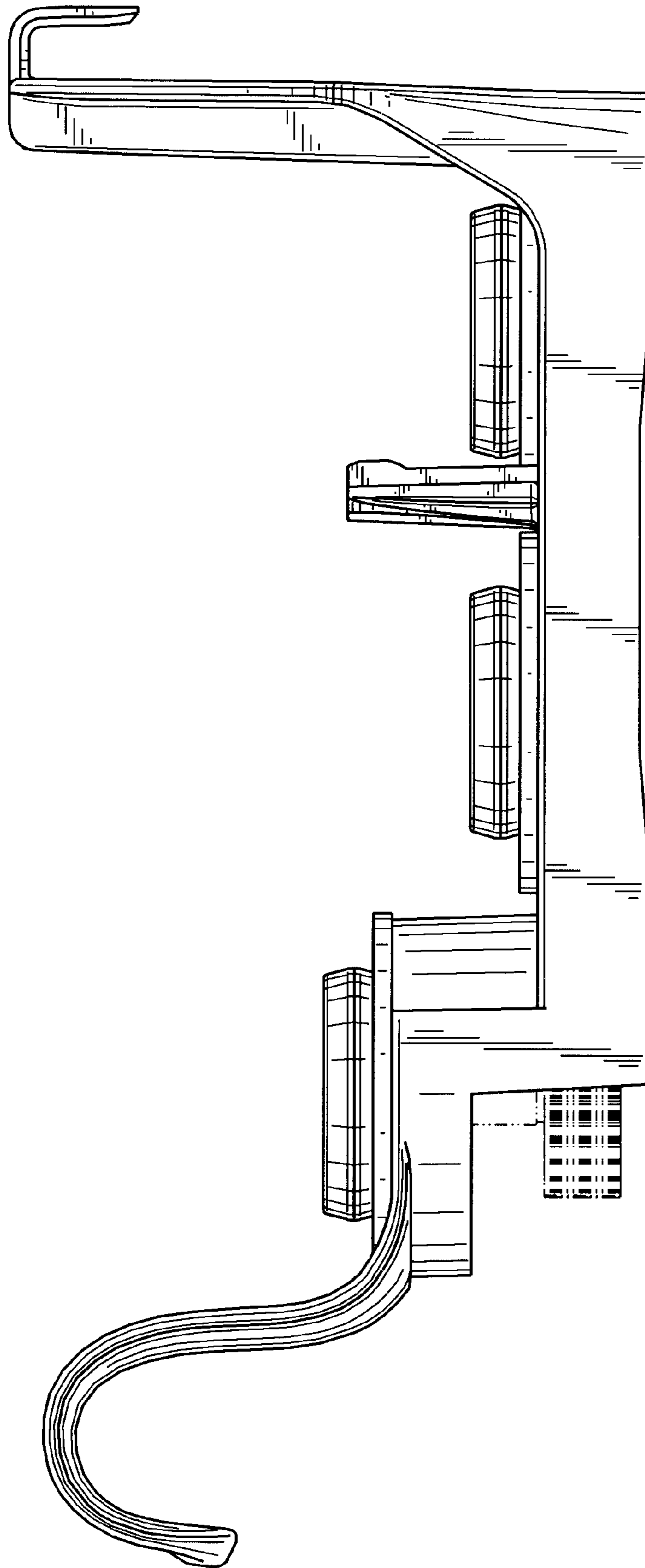


FIG. 2

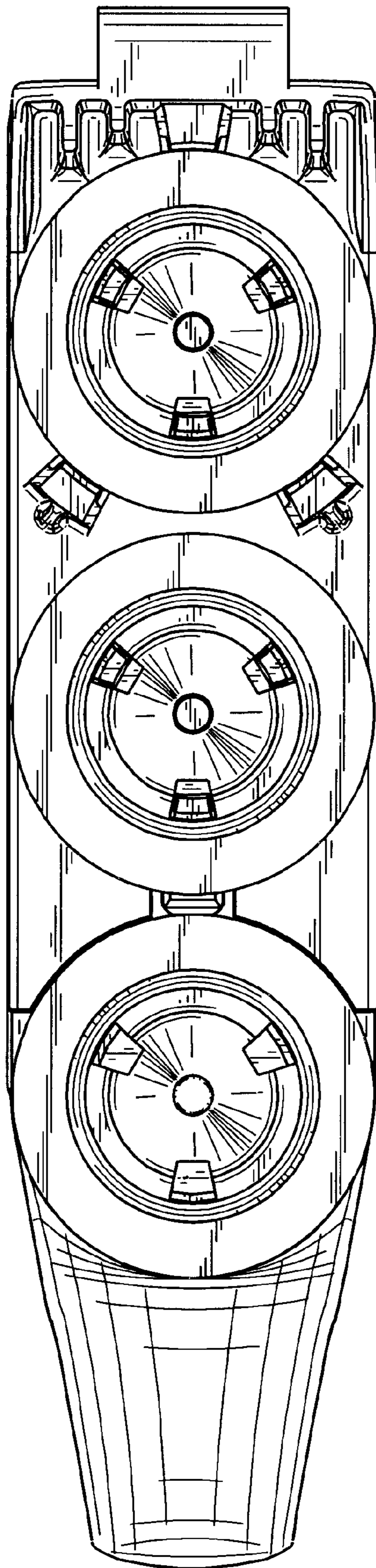


FIG. 3

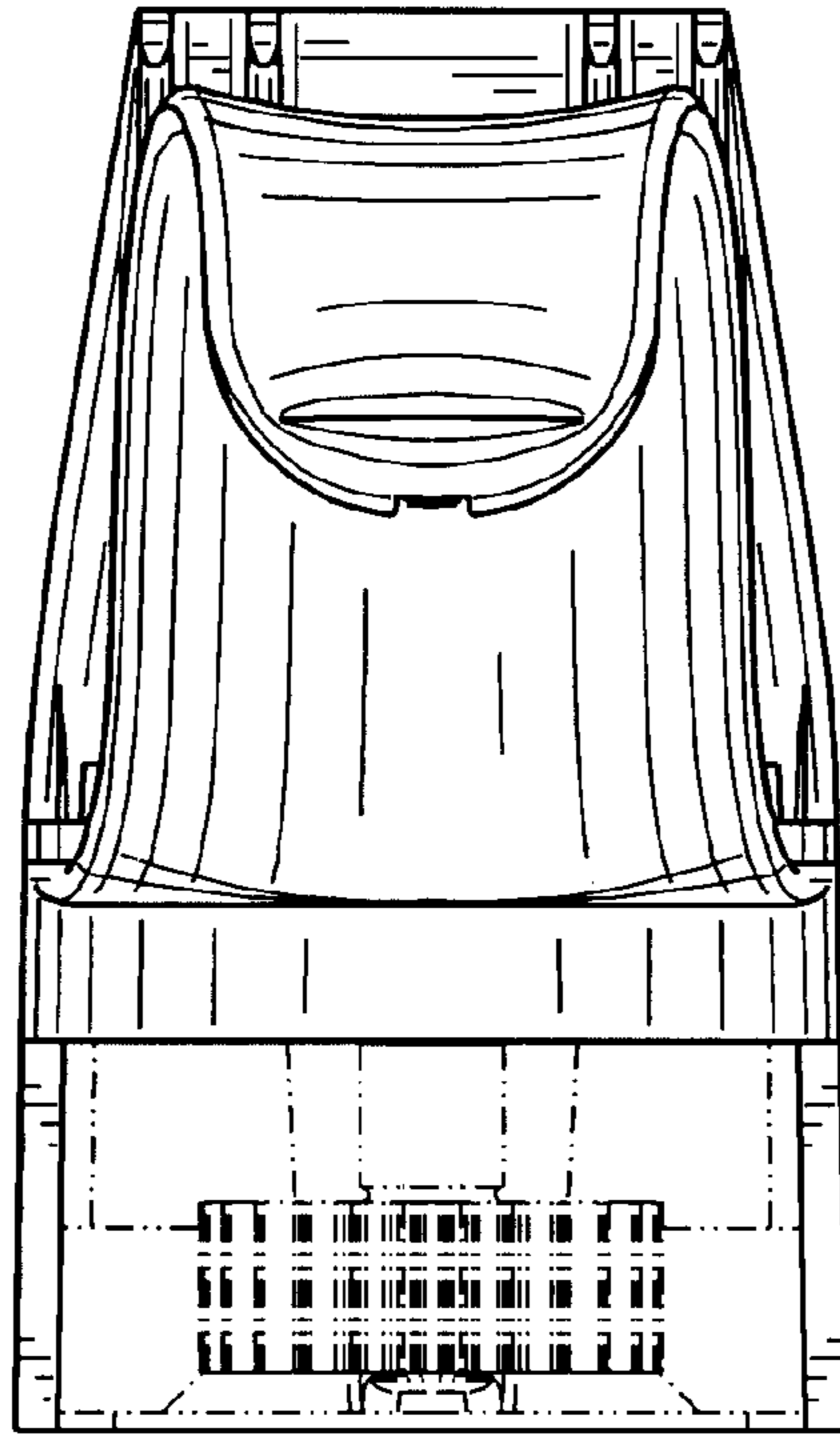


FIG. 4

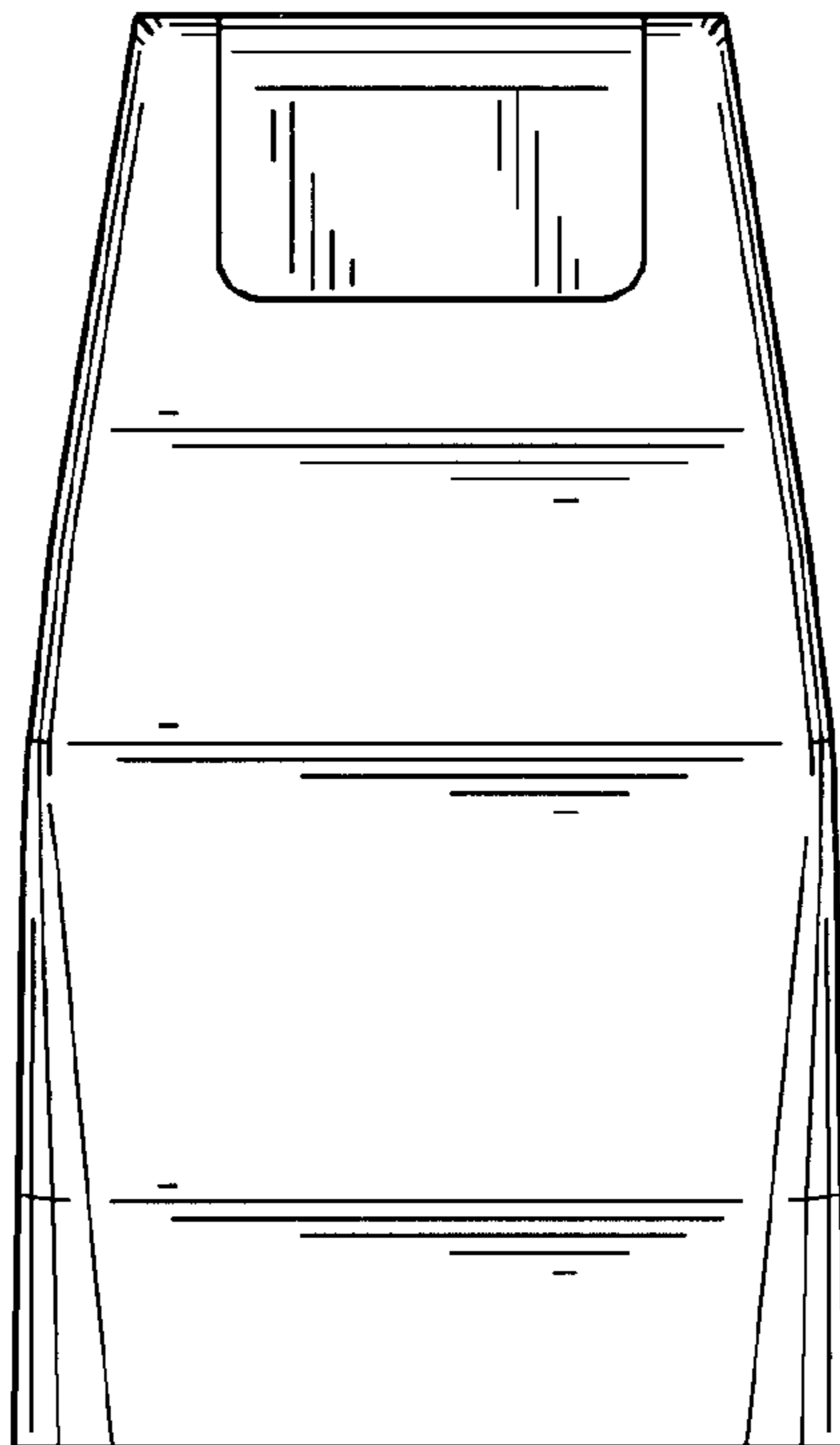


FIG. 5

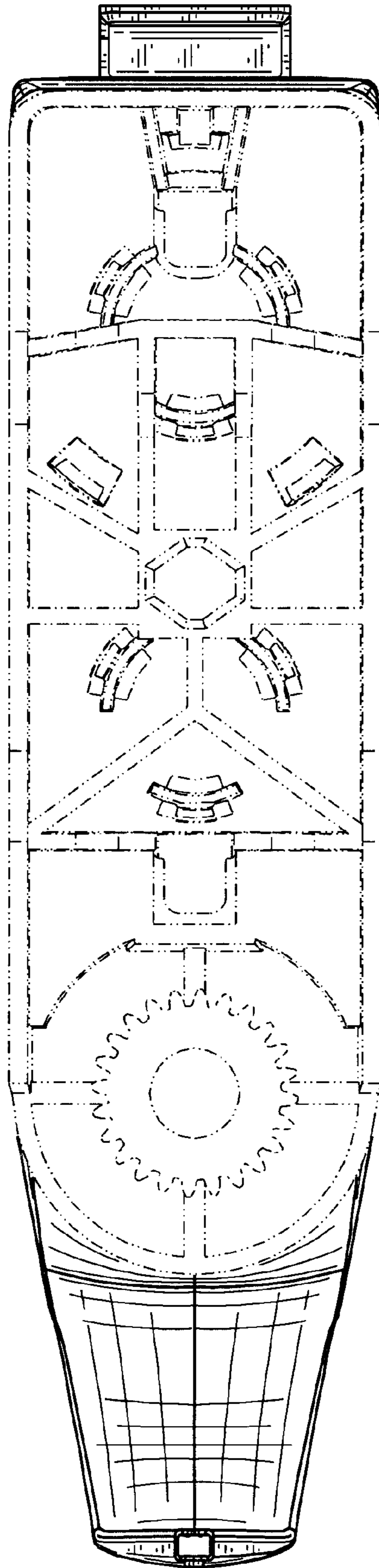


FIG. 6