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(12) **United States Design Patent** (10) **Patent No.:** **US D532,524 S**
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(54) **REAGENT CARRIER FOR USE IN AN AUTOMATED ANALYZER**
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(51) **LOC (8) Cl.** **24-02**
(52) **U.S. Cl.** **D24/227**
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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	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	WO 03/093833	11/2003
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.

(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

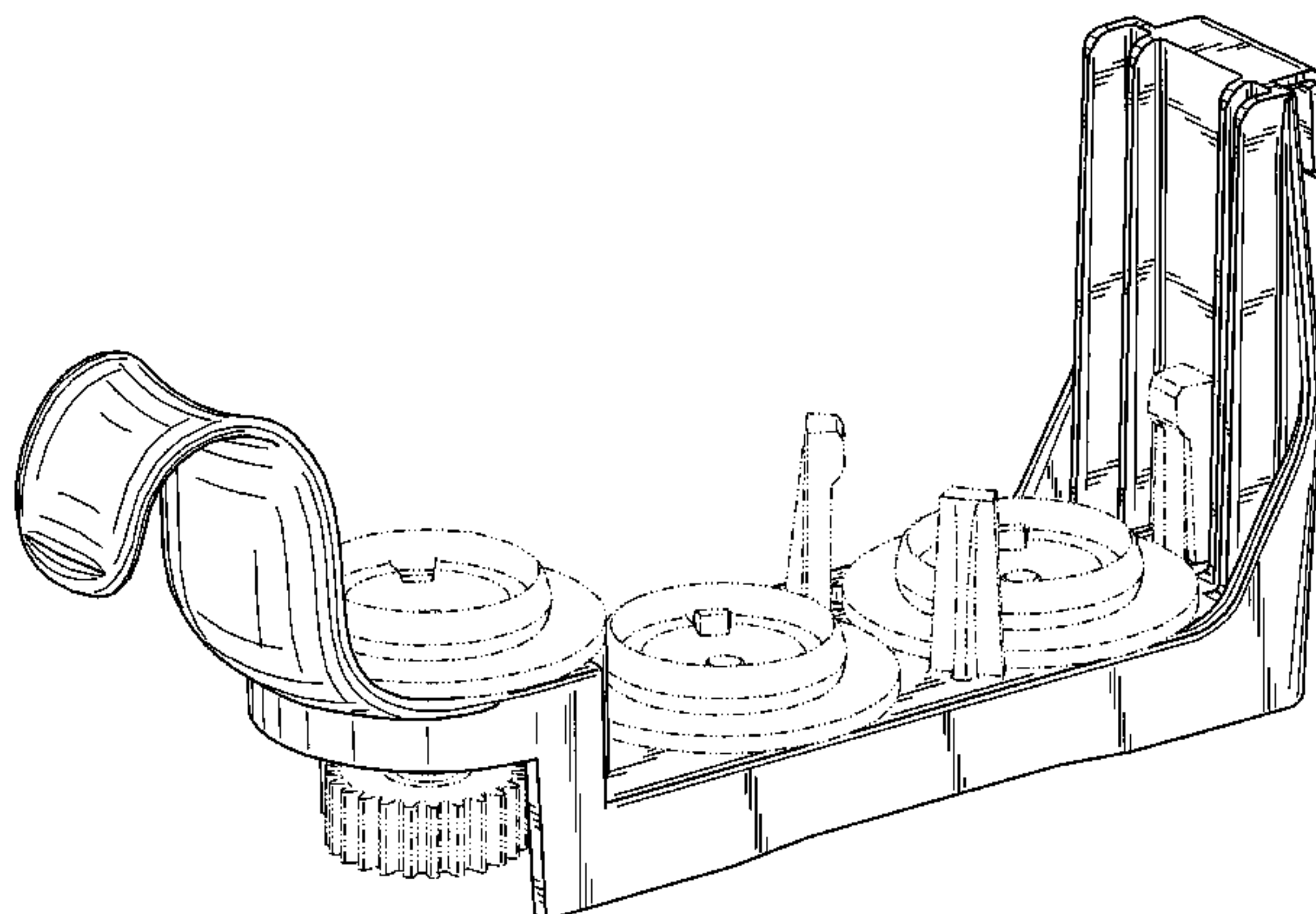
(57) **CLAIM**

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 and the reagent container connectors is for illustrative purposes only and forms no part of the claimed design.

1 Claim, 5 Drawing Sheets



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U.S. PATENT DOCUMENTS

4,322,216 A	3/1982	Lillig et al.	6,066,298 A	5/2000	Fukunaga
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.

* cited by examiner

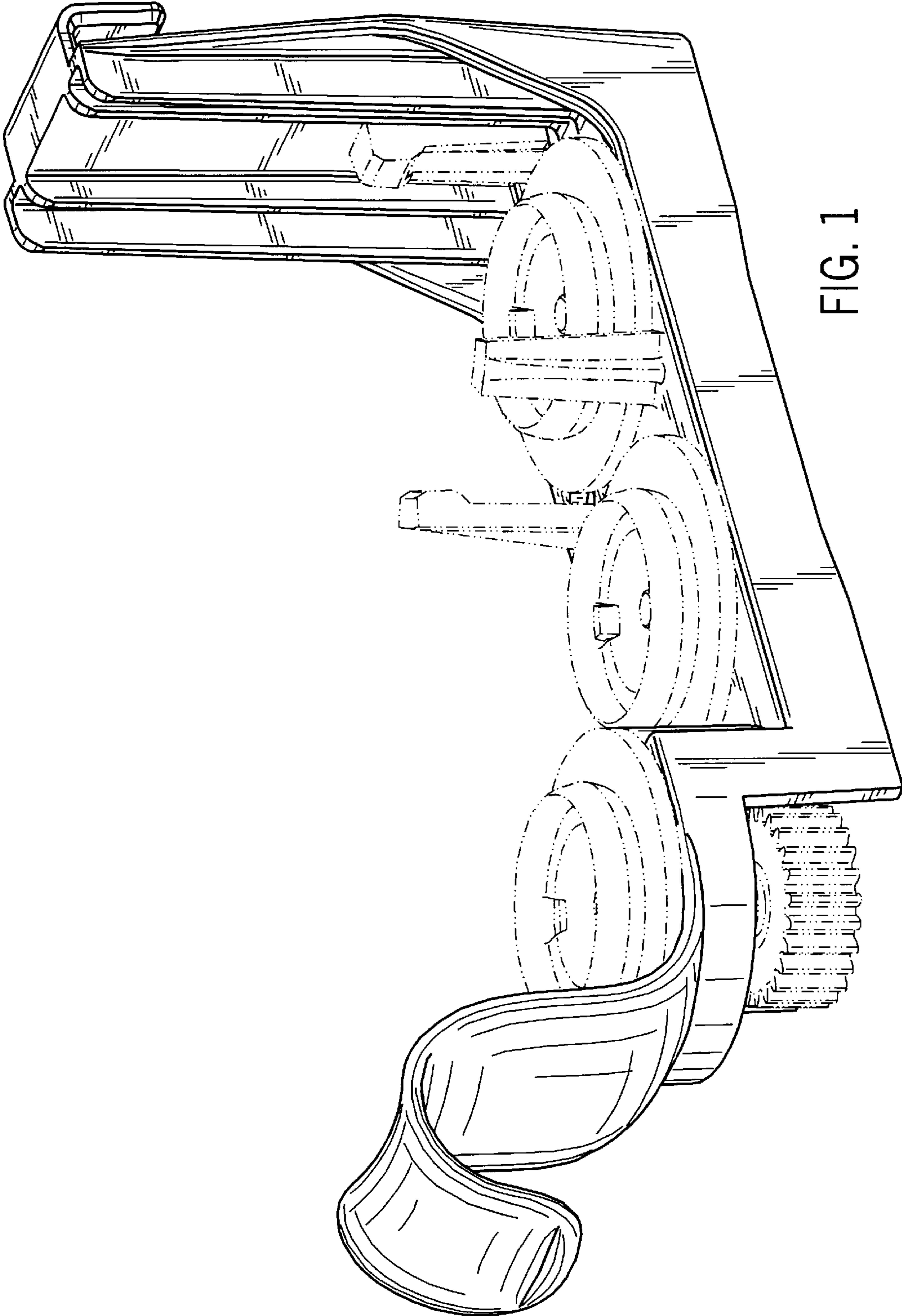


FIG. 1

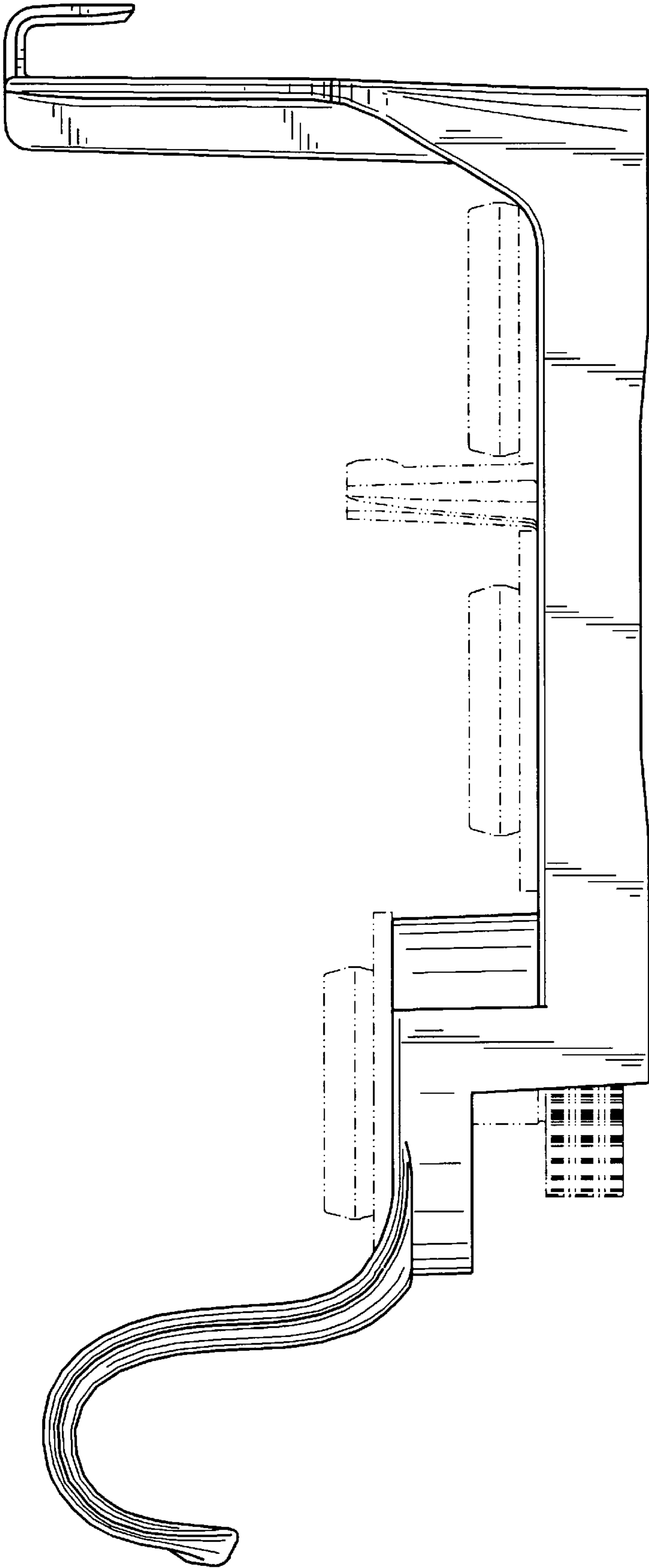


FIG. 2

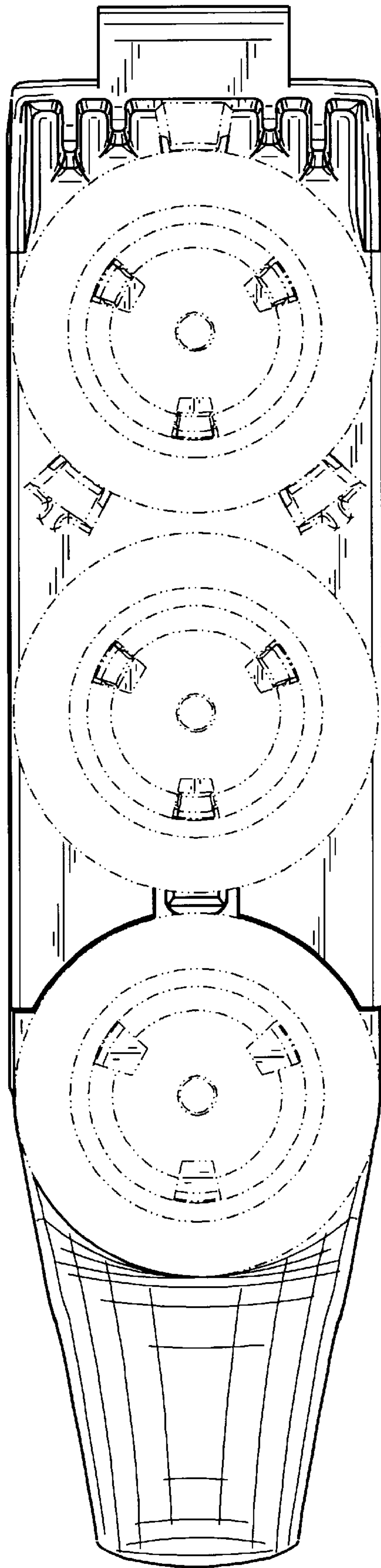


FIG. 3

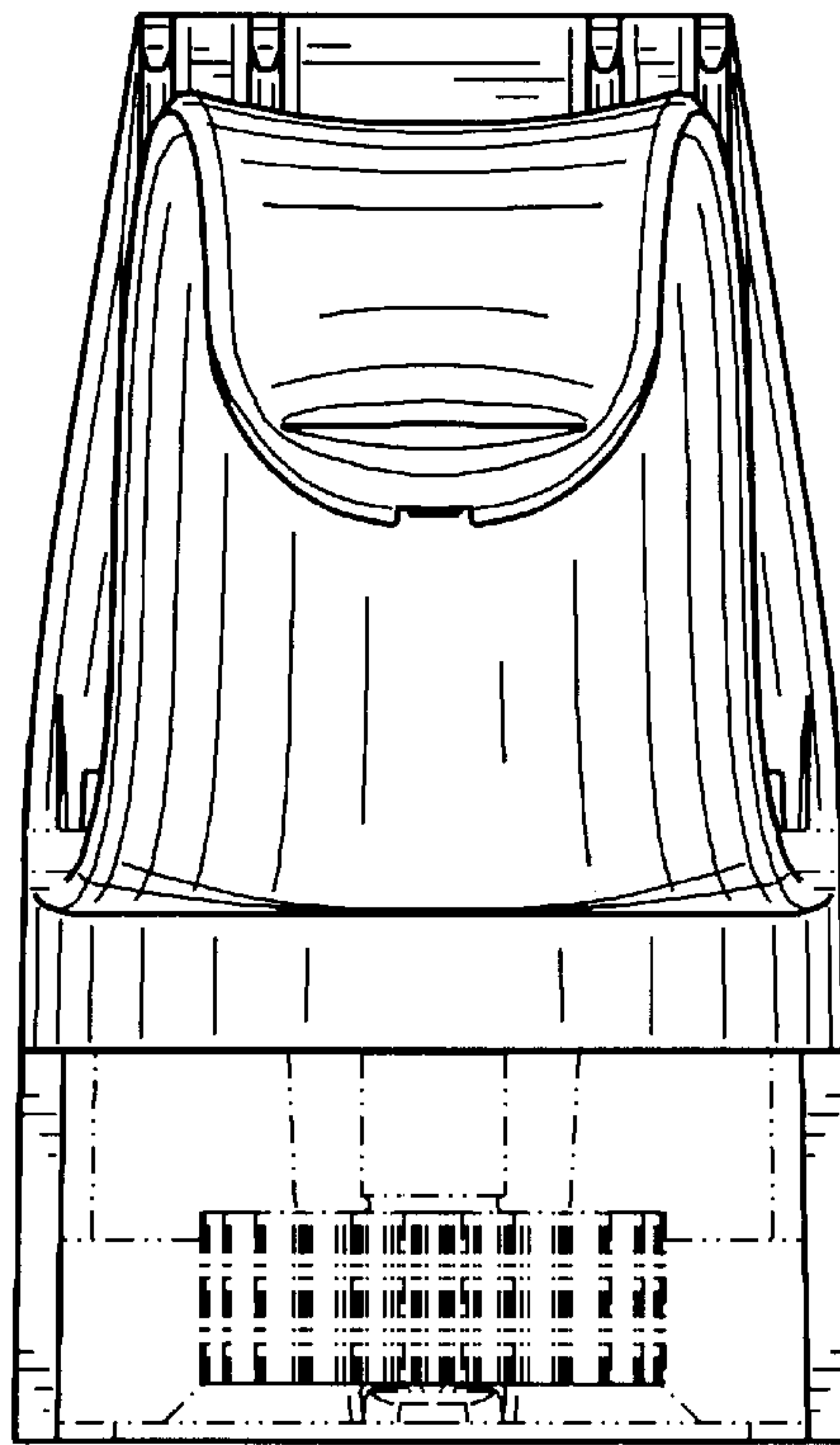


FIG. 4

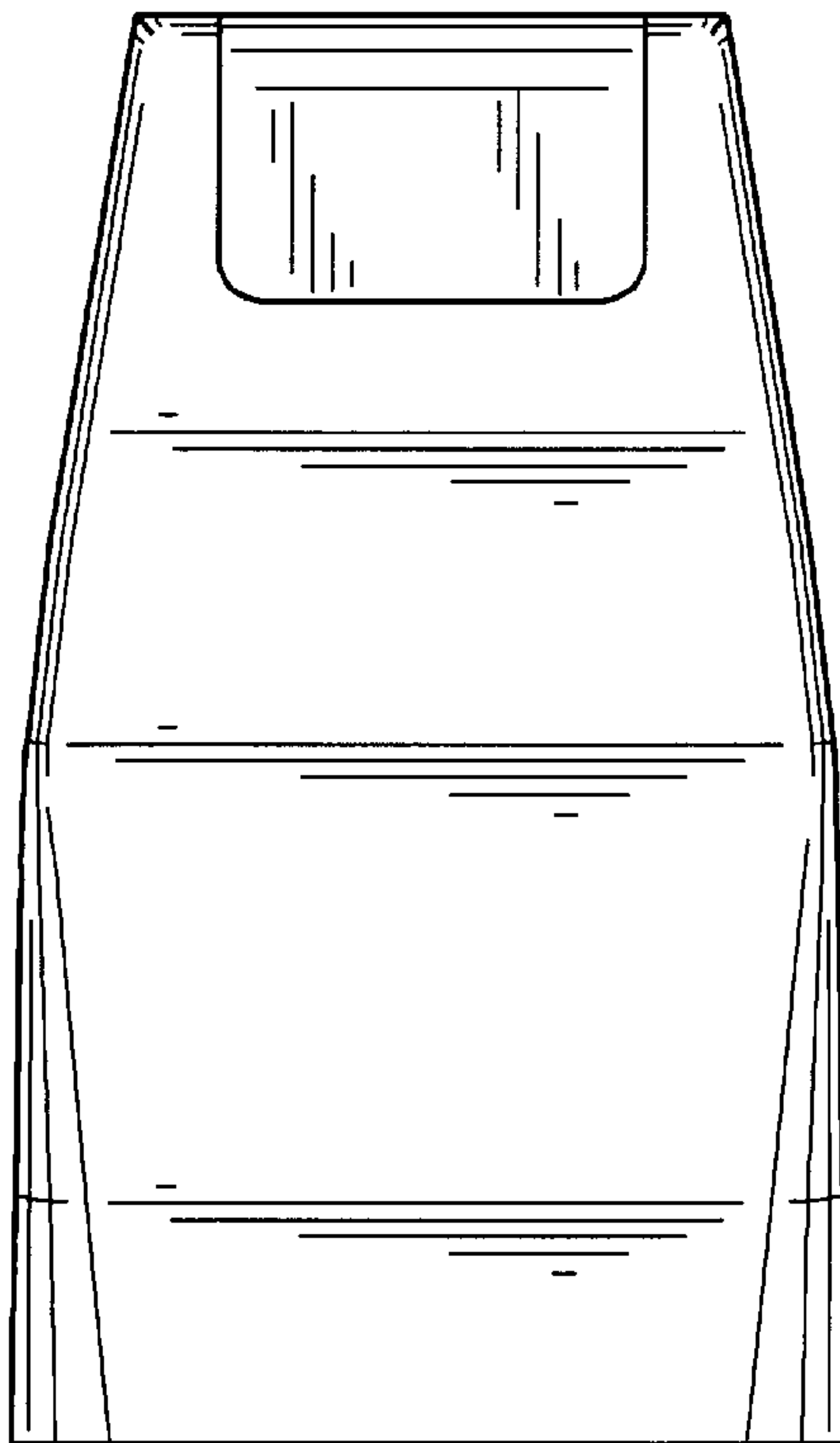


FIG. 5

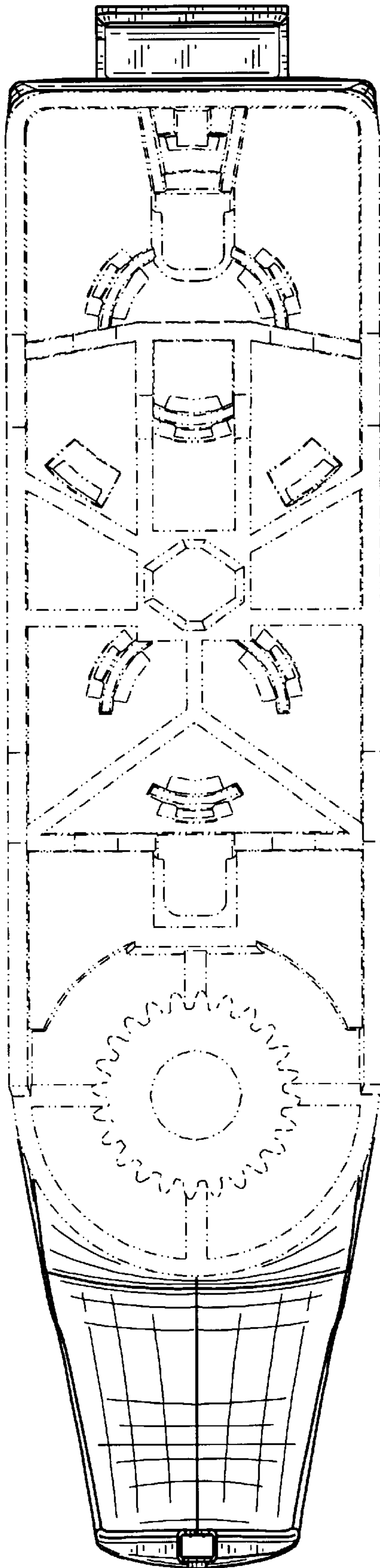


FIG. 6