



US00D454672S

(12) **United States Design Patent**
Griffin

(10) **Patent No.: US D454,672 S**

(45) **Date of Patent: ** *Mar. 19, 2002**

(54) **VACUUM CLEANER**

(75) **Inventor: John Griffin, Phoenix, AZ (US)**

(73) **Assignee: Shop Vac Corporation, Williamsport, PA (US)**

(*) **Notice:** This patent is subject to a terminal disclaimer.

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

(21) **Appl. No.: 29/125,070**

(22) **Filed: Jun. 15, 2000**

(51) **LOC (7) Cl. 15-05**

(52) **U.S. Cl. D32/23; D32/21**

(58) **Field of Search D32/21, 23-25, D32/31; 15/323, 325, 327.1, 327.2, 327.6, 327.7, 320, 412**

(56) **References Cited**

U.S. PATENT DOCUMENTS

2,920,337 A	1/1960	Smith	417/423.3
D287,171 S	12/1986	Berfield et al.	32/25
4,797,072 A	1/1989	Berfield et al.	417/423.3
4,836,753 A	6/1989	Berfield et al.	417/236
4,880,364 A	11/1989	Berfield	417/423.3
D315,624 S	3/1991	Kimura et al.	32/23
5,144,716 A	9/1992	Watanabe et al.	15/323
D357,336 S	4/1995	Moine et al.	32/23
D357,773 S	4/1995	Wareham et al.	32/23
D358,010 S	5/1995	Berfield et al.	32/23
D361,179 S	8/1995	Moine et al.	32/23
D362,091 S	9/1995	Tomasiak et al.	32/23
5,528,794 A *	6/1996	Tomasiak	15/323
5,535,500 A *	7/1996	Stephens et al.	29/453
D372,567 S	8/1996	Moine et al.	32/23
D373,862 S	9/1996	Stephens et al.	32/23
5,606,769 A	3/1997	Tomasiak et al.	15/327.6
D383,575 S	9/1997	Griffin	32/23
D384,448 S	9/1997	Stephens et al.	32/23
D388,565 S	12/1997	Pietrobon	32/23

D389,962 S	1/1998	Berfield et al.	32/23
D395,119 S	6/1998	Berfield et al.	34/23
5,954,863 A *	9/1999	Loveless et al.	96/321
D422,764 S *	4/2000	Wood	D32/31
6,055,700 A *	5/2000	Holsten et al.	15/327.2
D426,355 S *	6/2000	Rohn et al.	D32/21
D426,359 S *	6/2000	Griffin et al.	D32/31
D429,042 S	8/2000	Griffin et al.	32/23
D429,855 S	8/2000	Griffin	32/23
D429,857 S	8/2000	Griffin	32/23
D430,367 S	8/2000	Griffin	32/23
D430,713 S	9/2000	Griffin	32/23
D438,353 S *	2/2001	Hoshino et al.	D32/23

OTHER PUBLICATIONS

- U.S. application No. 29/097,455, Griffin, filed Dec. 7, 1998.
- U.S. application No. 29/097,456, Griffin, filed Dec. 7, 1998.
- U.S. application No. 29/115,795, Griffin, filed Dec. 20, 1999.
- U.S. application No. 29/115,796, Griffin, filed Dec. 20, 1999.
- U.S. application No. 29/115,798, Griffin, filed Dec. 20, 1999.

(List continued on next page.)

Primary Examiner—Ruth McInroy

(74) *Attorney, Agent, or Firm*—Marshall, Gerstein, & Borun

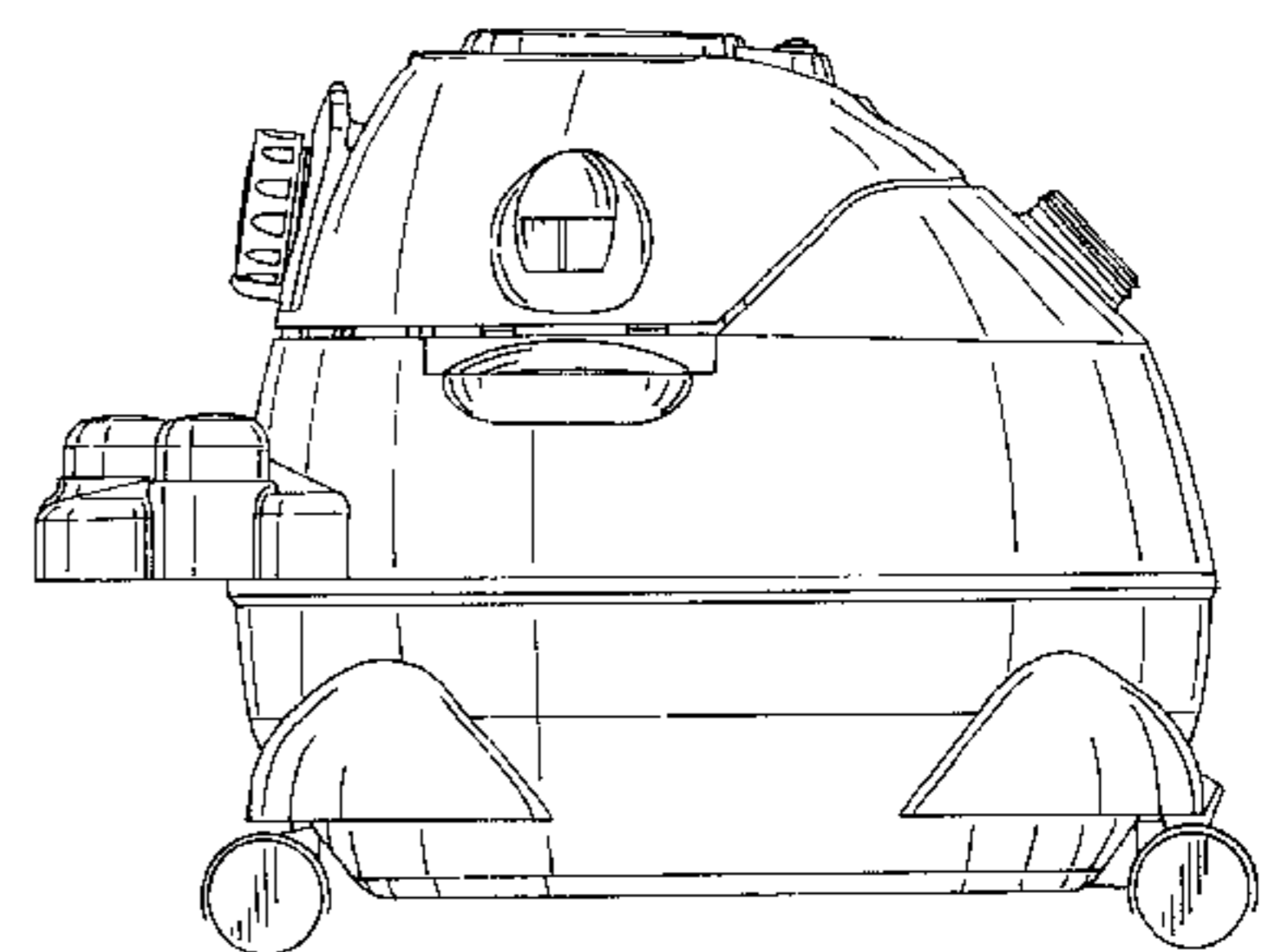
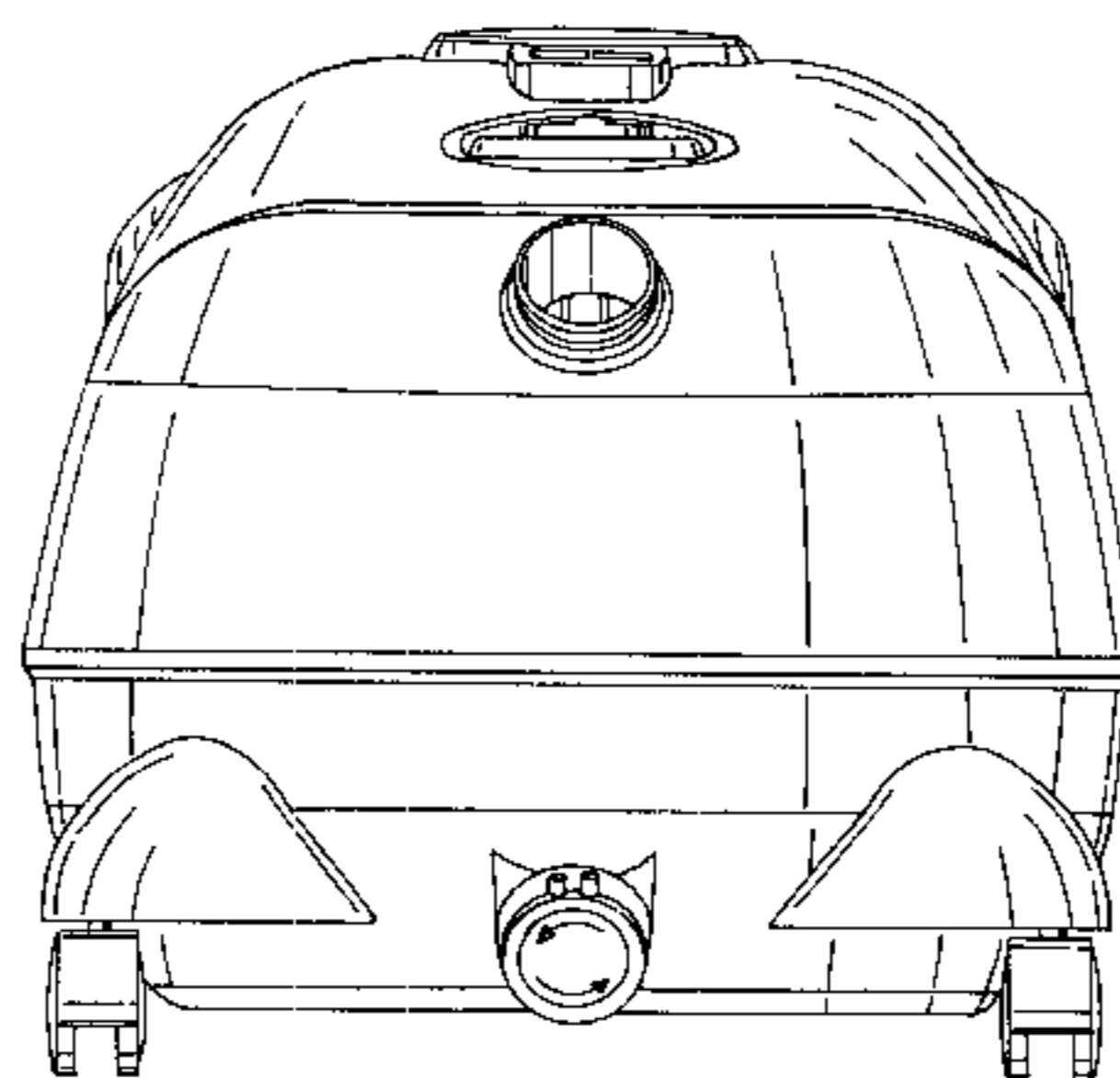
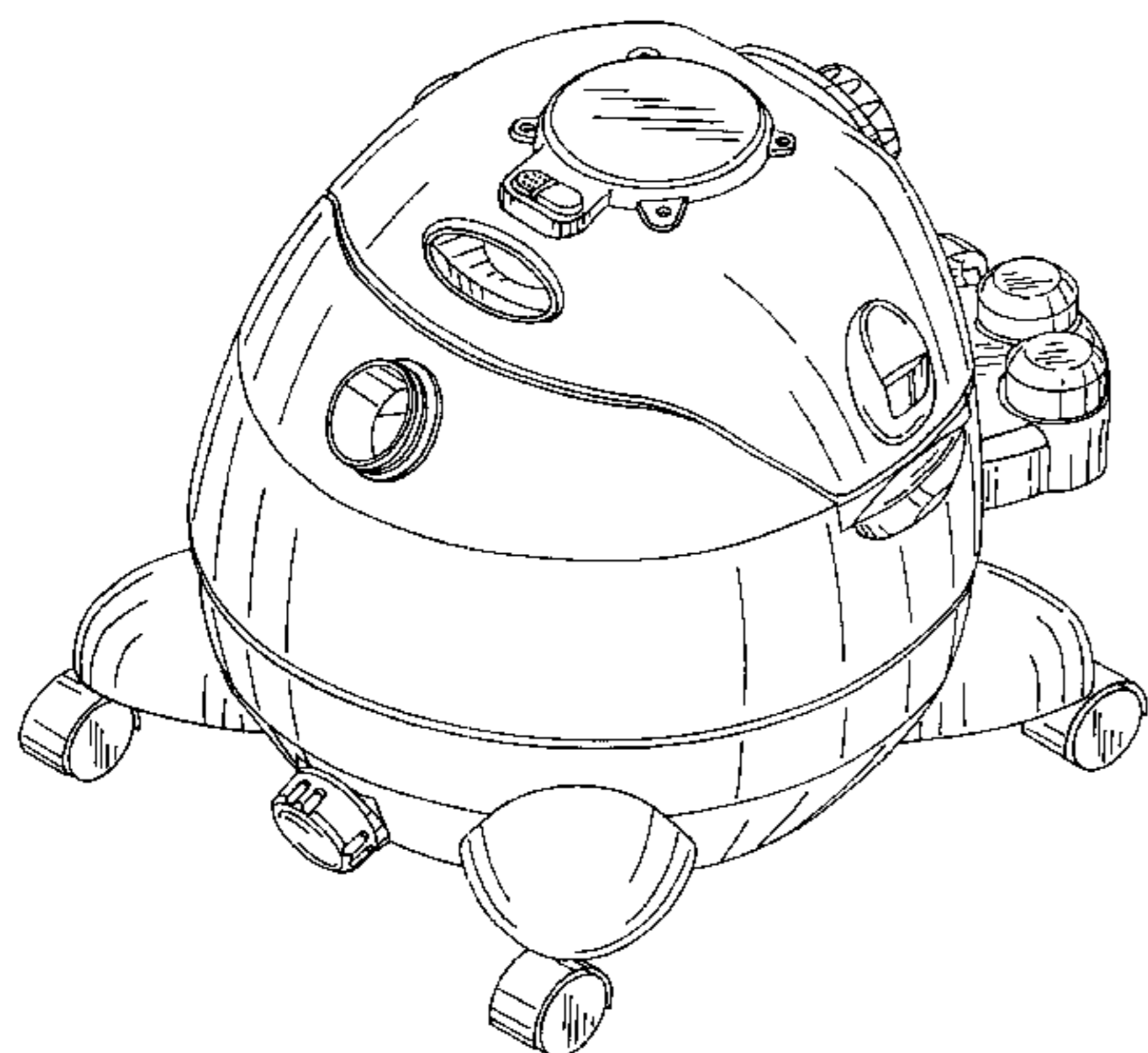
(57) **CLAIM**

The ornamental design for a vacuum cleaner, as shown and described.

DESCRIPTION

FIG. 1 is a right side perspective view taken from the front and above of a vacuum cleaner showing my new design; FIG. 2 is a front elevational view thereof; FIG. 3 is a left elevational view thereof; FIG. 4 is a rear elevational view thereof; FIG. 5 is a right elevational view thereof; and, FIG. 6 is top plan view thereof.

1 Claim, 6 Drawing Sheets



OTHER PUBLICATIONS

U.S. application No. 29/115,841, Griffin, filed Dec. 20, 1999.

U.S. application No. 29/125,068, Griffin, filed Jun. 15, 2000.

U.S. application No. 29/125,069, Griffin, filed Jun. 15, 2000.

U.S. application No. 29/125,071, Griffin, filed Jun. 15, 2000.

U.S. application No. 29/125,072, Griffin, filed Jun. 15, 2000.

U.S. application No. 29/128,121, Griffin, filed Aug. 18, 2000.

SHOP-VAC Brochure, QSP Series, Quiet Super Power Wet/Dry Vacs, Model Nos. 900-80 thru 900-84, dated Aug. 1993.

SHOP-VAC Brochure, 707 Series Super Performance Wet/Dry Vacs, Model No. 707-10, dated Mar. 1991.

SHOP-VAC Brochure, QSP Series—Quiet Super Performance Wet/Dry Vacs, Models 900-86 and 900-87, dated Aug. 1993.

SHOP-VAC Brochure, QSP Series—Quiet Super Power Wet/Dry Vacs, Model No. 900-29, dated Aug. 1993.

SHOP-VAC Brochure, Series 914—Quiet Super Performance Wet/Dry Vacs, Model Nos. 914-15 and 914-27, dated Apr. 1997.

SHOP-VAC Brochure, FLOORMASTER, Wet & Dry Cleaning System, Model No. 909-50, dated Jan. 1989.

SHOP-VAC Brochure, The QSP Line of Wet/Dry Vacs from Shop Vac, dated 1994.

SHOP-VAC Brochure, ALL AROUND Vac, dated 1997.

SHOP-VAC Brochure, QSP PRO, dated 1998.

SHOP-VAC Brochure, QPV, dated 1997.

SHOP-VAC Brochure 1X1 Wet/Dry Vac, dated 1997.

Karcher Brochure, High Performance Wet and Dry Vacuums, Dust Extraction and Spray Extraction Machines.

* cited by examiner

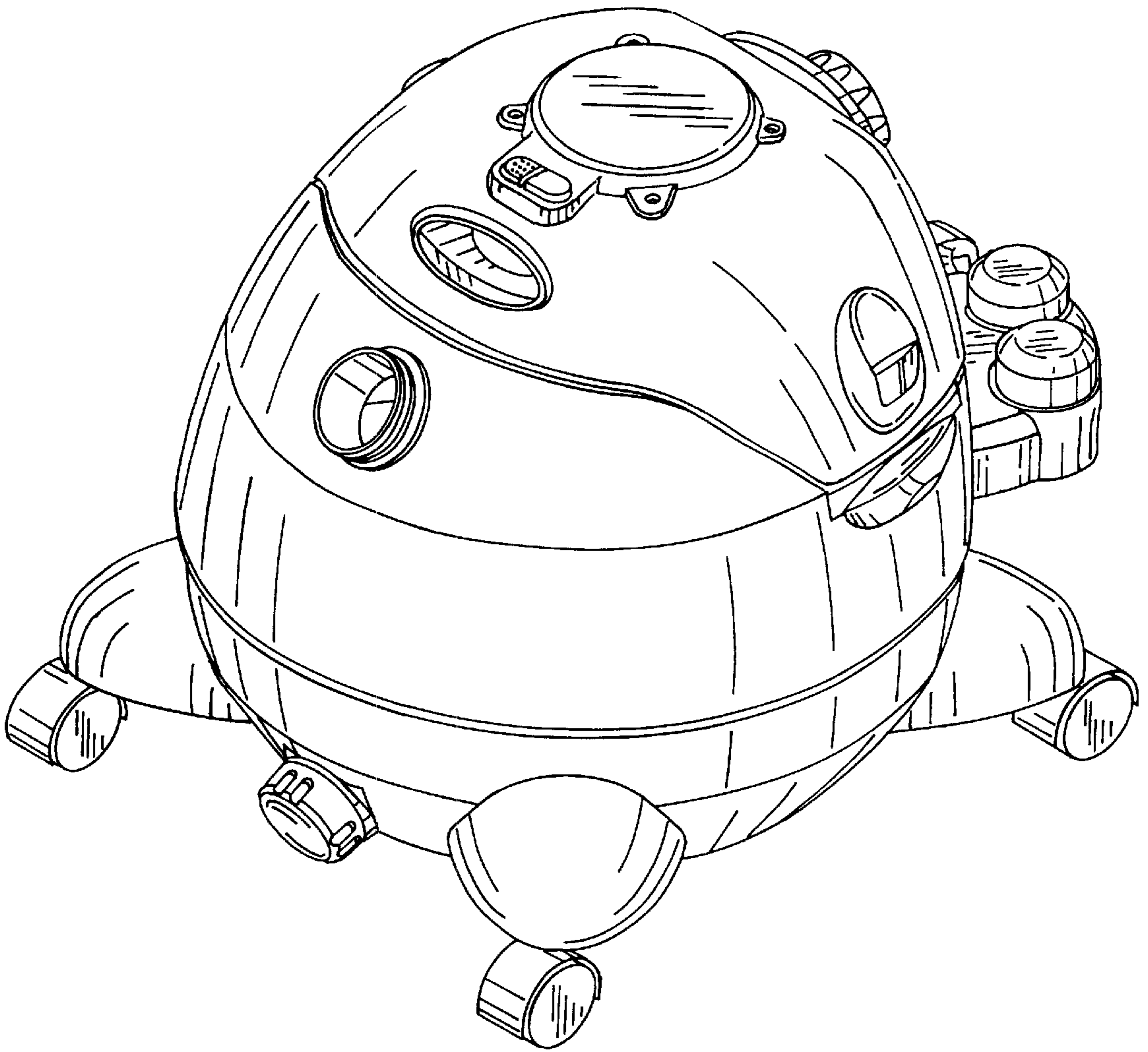


FIG. 1

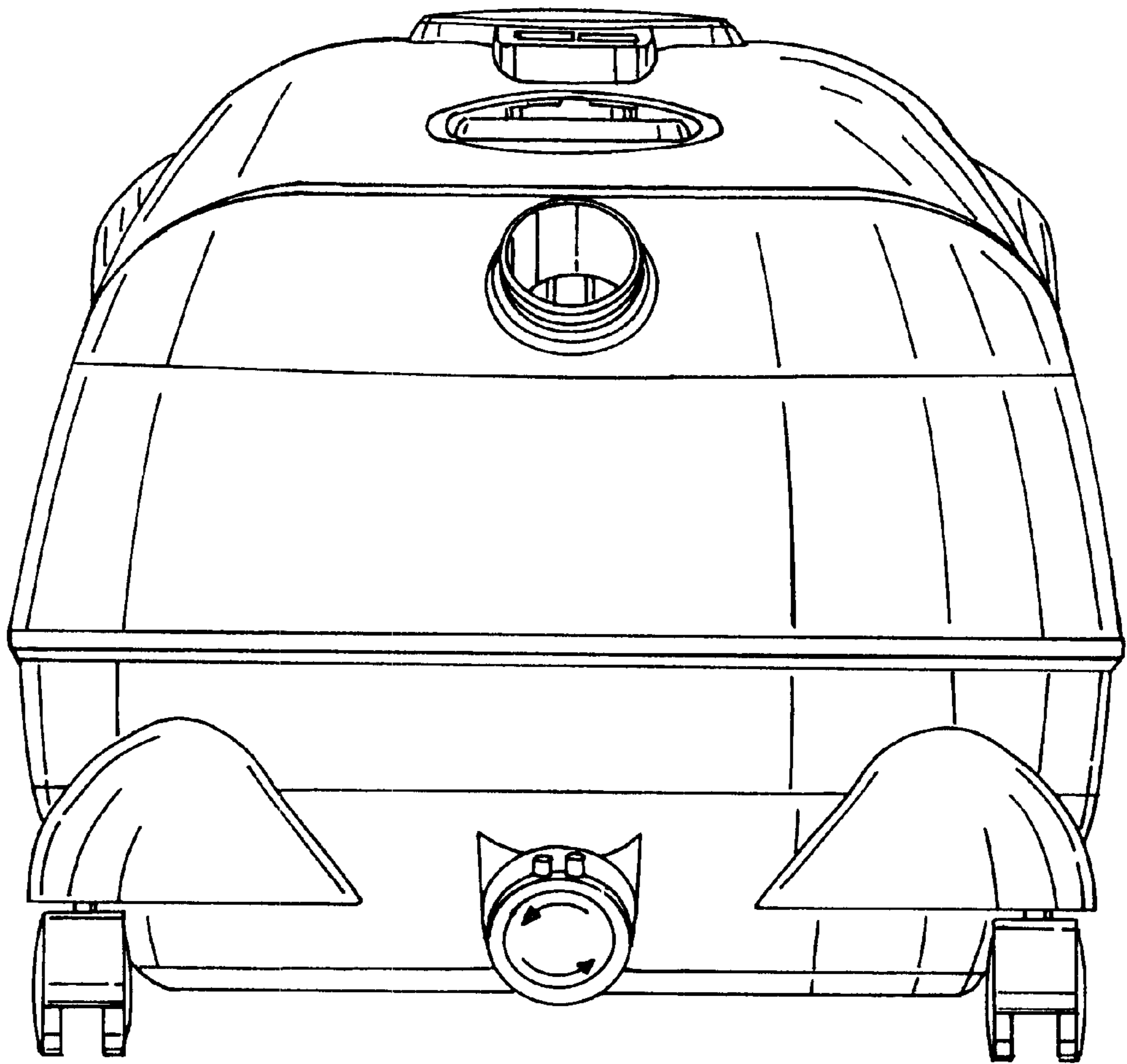


FIG. 2

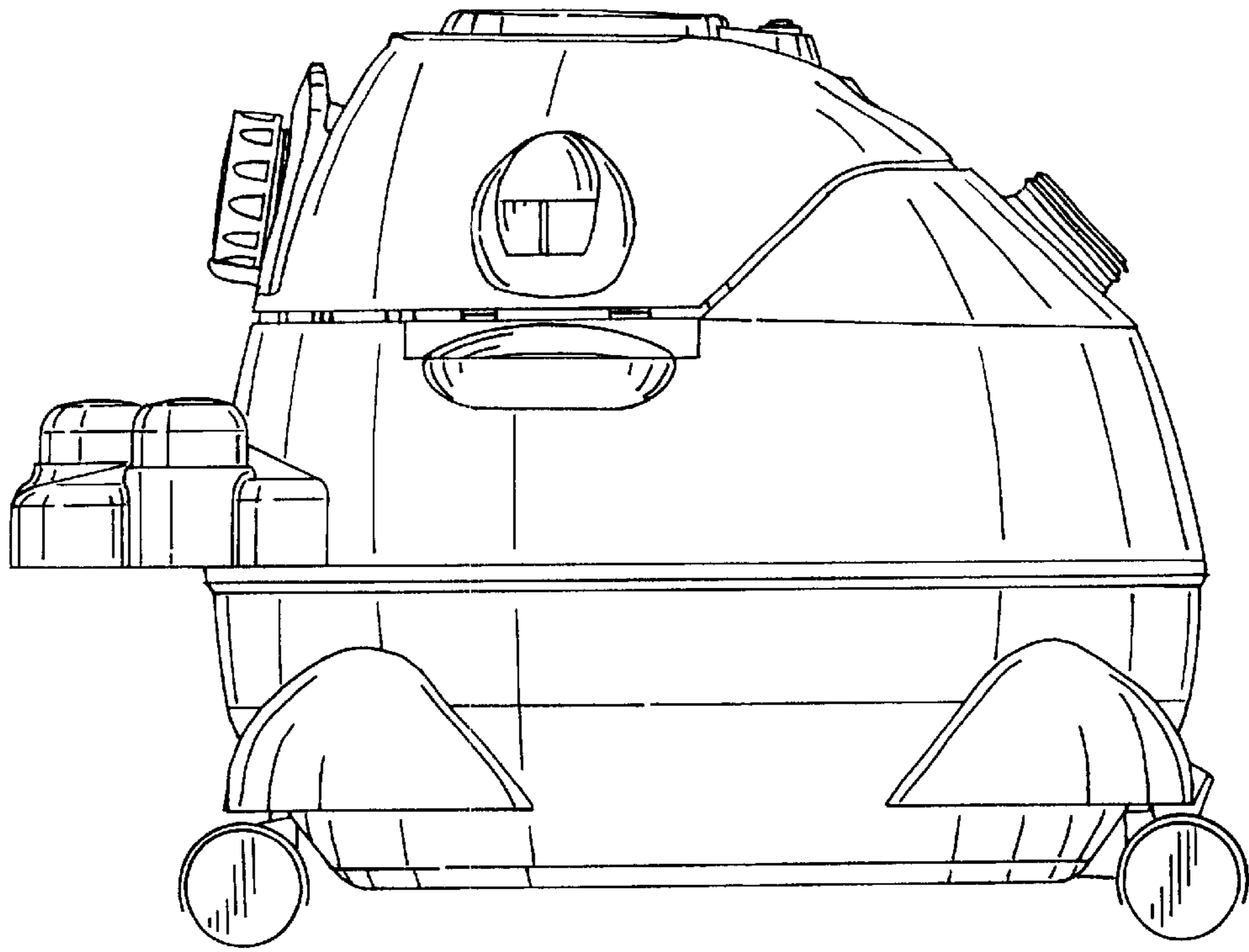


FIG. 3

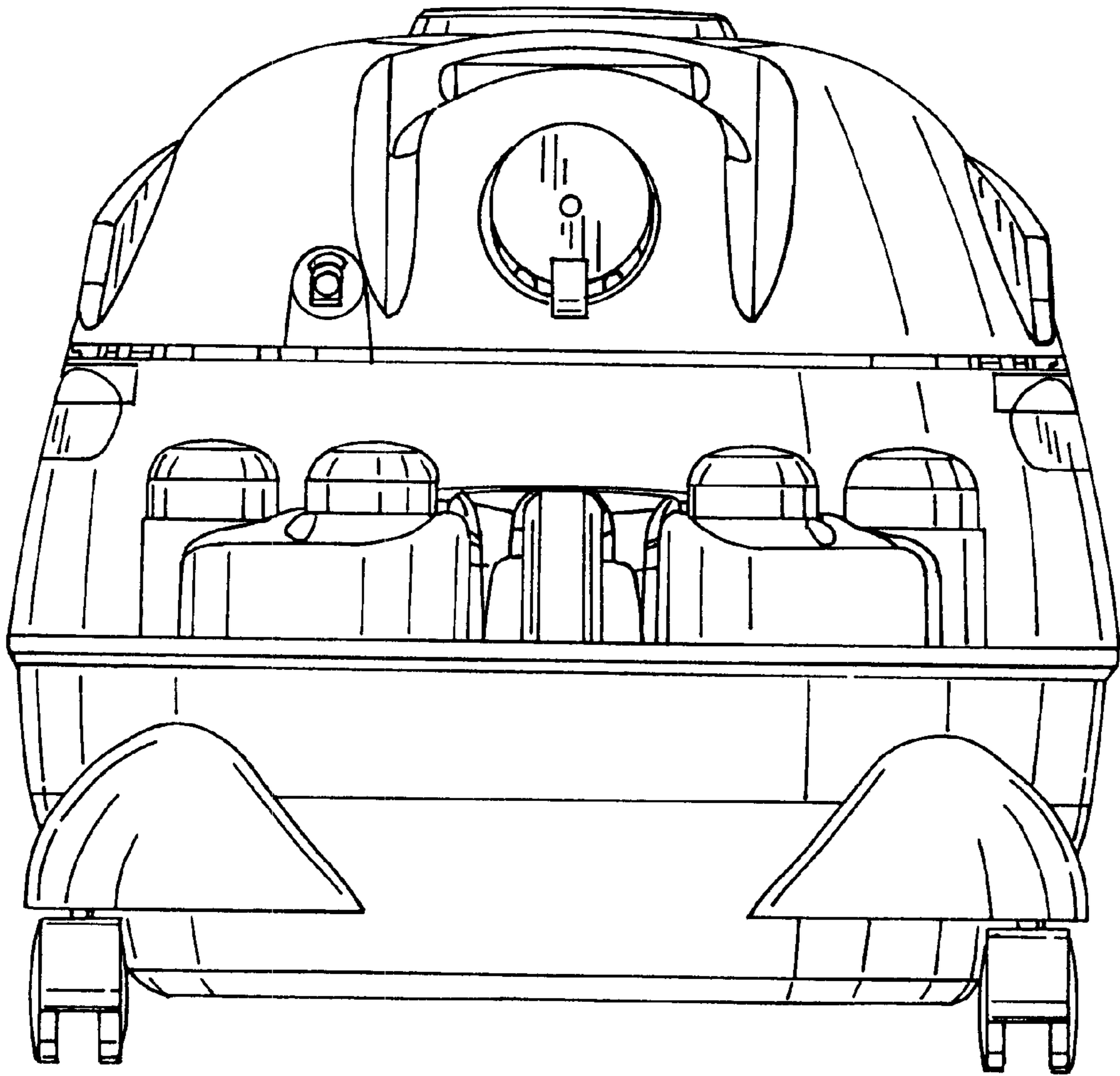


FIG. 4

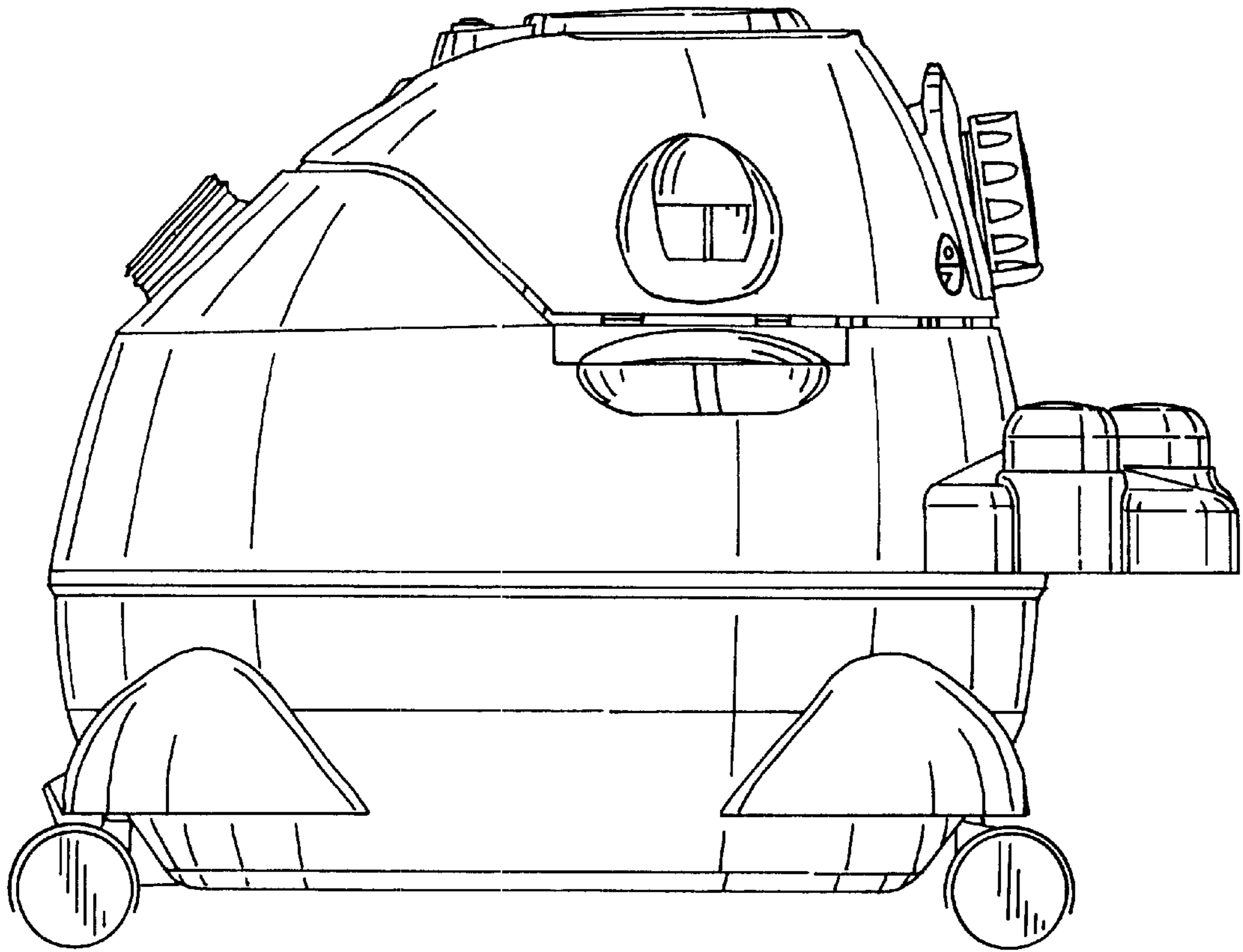


FIG. 5

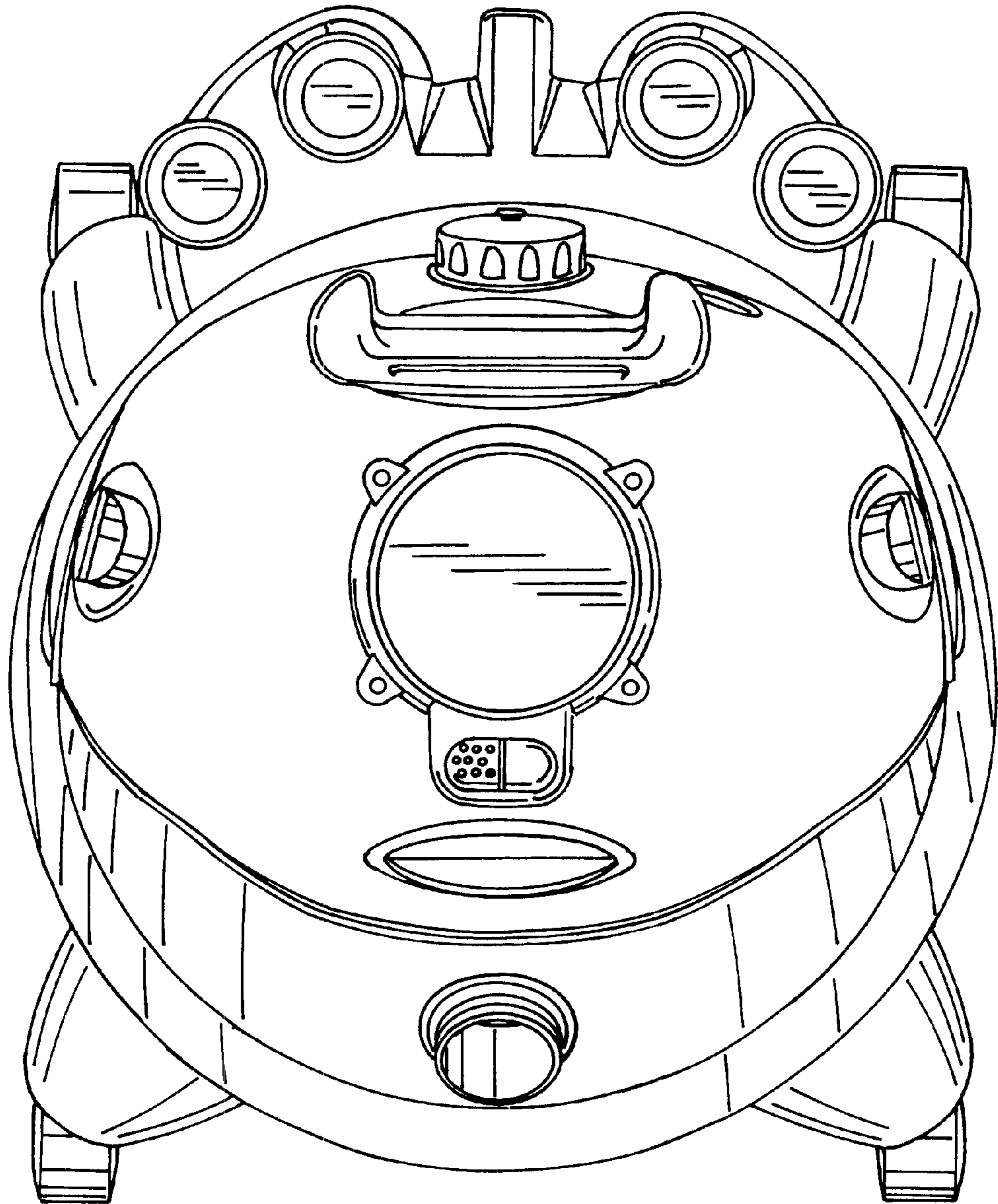


FIG. 6