



US00D445869S

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

(10) **Patent No.:** **US D445,869 S**

(45) **Date of Patent:** **\*\* Jul. 31, 2001**

(54) **WASTE TREATMENT PLANT**

(76) **Inventor:** **Jerry L. McKinney**, 1202 N. Main St.,  
Lumberton, TX (US) 77657

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

(21) **Appl. No.:** **29/135,068**

(22) **Filed:** **Jan. 5, 2001**

**Related U.S. Application Data**

(62) Division of application No. 29/123,102, filed on May 10,  
2000, now Pat. No. Des. 438,932.

(51) **LOC (7) Cl.** ..... **23-01**

(52) **U.S. Cl.** ..... **D23/207**

(58) **Field of Search** ..... D23/200, 207,  
D23/209; 210/195.3, 220; 220/23.2, 4.12,  
4.26

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

- D. 423,638 4/2000 Drewery .
- D. 424,659 5/2000 Drewery .
- D. 425,523 \* 5/2000 Sleasman ..... D15/7
- D. 426,866 \* 6/2000 Drewery ..... D23/207
- D. 438,932 \* 3/2001 McKinney ..... D23/207
- 1,688,915 10/1928 Astrom .
- 2,987,186 6/1961 Burgoon et al. .
- 3,126,333 3/1964 Williams .
- 3,347,381 10/1967 Minch et al. .
- 3,618,779 11/1971 Goodman .
- 3,722,726 3/1973 Carmichael et al. .
- 3,837,494 9/1974 Stevenson .
- 3,883,427 5/1975 Oldham et al. .
- 3,923,656 12/1975 Krebs et al. .
- 3,923,657 12/1975 Roser .
- 3,951,817 4/1976 Snyder .
- 3,973,693 8/1976 Brocklehurst .
- 4,160,723 7/1979 Kovacs .
- 4,238,338 12/1980 Kinzer .
- 4,246,114 1/1981 Krebs et al. .
- 4,247,012 1/1981 Alberghini .
- 4,337,152 6/1982 Lynch .
- 4,391,002 7/1983 Marti .

- 4,608,157 8/1986 Graves .
- 4,650,577 3/1987 Hansel .
- 4,664,795 5/1987 Stegall et al. .
- 4,710,295 12/1987 Zabel .
- 4,834,879 5/1989 Stegall et al. .
- 4,929,349 5/1990 Beckman .
- 4,983,285 1/1991 Nolen .

(List continued on next page.)

**FOREIGN PATENT DOCUMENTS**

- WO 00/15322 3/2000 (WO) .
- WO 00/15566 3/2000 (WO) .

**OTHER PUBLICATIONS**

- “Wastewater Technology,” Report No. S40-8-3. National Sanitation Foundation, Ann Arbor, Michigan, Dec. 1990, pp. 1-27 and 32-34.
- Brochure: “Home Plant Upflow Filter,” 2 pages. Jet Inc., Beaumont, Texas, 1978.

(List continued on next page.)

*Primary Examiner*—Robin V. Taylor

(74) *Attorney, Agent, or Firm*—Browning Bushman

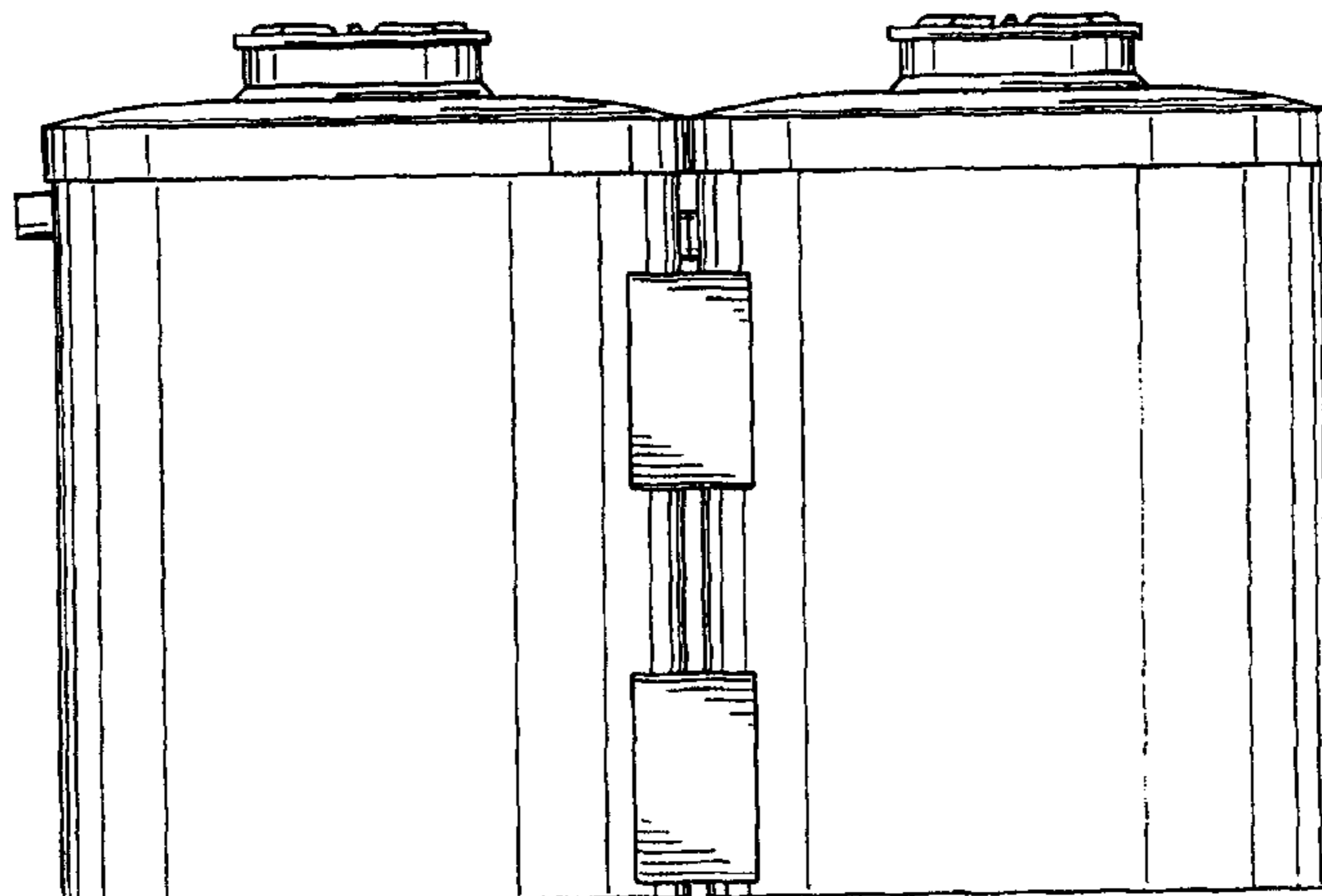
(57) **CLAIM**

The ornamental design for a waste treatment plant, as shown and described.

**DESCRIPTION**

- FIG. 1 is a top, plan view of the waste treatment plant of the present invention;
- FIG. 2 is a front, elevational view of the waste treatment plant of FIG. 1;
- FIG. 3 is a rear, elevational view of the waste treatment plant of FIG. 1;
- FIG. 4 is a bottom, plan view of the waste treatment plant of FIG. 1;
- FIG. 5 is a side, elevational view of the waste treatment plant of FIG. 1; and,
- FIG. 6 is an opposite side, elevational view of the waste treatment plant of FIG. 1.

**1 Claim, 3 Drawing Sheets**



U.S. PATENT DOCUMENTS

5,124,034	6/1992	Maness .
5,221,470	6/1993	McKinney .
5,254,246	10/1993	Rivelli et al. .
5,266,239	11/1993	Drewery .
5,490,935	2/1996	Guy .
5,494,581	2/1996	Hobson .
5,549,818	8/1996	McGrew, Jr. .
5,618,445	4/1997	Gavin .
5,785,854	7/1998	McKinney .
5,800,705	9/1998	Downs .
5,837,139	11/1998	Lerch .
5,874,002	2/1999	Cormier .
5,951,867	9/1999	Blough et al. .
6,027,653	2/2000	Holland .
6,086,765	7/2000	Edwards .
6,105,812	8/2000	Riordan .
B1 5,221,470	2/1997	McKinney .

OTHER PUBLICATIONS

Brochure: "New Improved Zabel Multi-Purpose Filter," 2 pages. Zabel Industries, Inc., New Albany, Indiana.

Brochure: "Residential & Commercial Sewage Treatment System," 4 pages. Nayadic, Inc., Dayton, Ohio.

Flier: "Southern Aerobic Systems Quick & Easy SM500 T & P," 2 pages. Southern Manufacturing Co., Port Arthur, Texas.

Flier: "Aqua Safe," 2 pages. Ecological Tanks, Inc., Downsville, Louisiana.

Flier: "Home Wastewater Treatment Plant Specifications," 2 pages. Jet Inc., Cleveland, Ohio, 1980.

Brochure: "When Experience Counts," 6 pages. Clearstream Wastewater Systems, Inc., Beaumont, Texas.

Brochure: "The Clear Choice: Whitewater Mechanical Sewage Treatment System," 4 pages. Delta Fiberglass & Environmental Products, Inc., Denham Springs, Louisiana.

Brochure: "Oldham Incorporated Sewage Treatment Systems: Aerated Sewage Treatment System for Individual Residences," 6 pages. Robert R. Oldham, Inc./Murphy Cormier General Contractors, Inc., Lake Charles, Louisiana.

Brochure: "Clearstream Wastewater Systems, Inc.: Residential/Commercial/Marine," 4 pages. Clearstream Wastewater Systems, Inc., Beaumont, Texas.

Drawing: "Singulair Model 900 System Installation and Mounting Details," Norweco, Sep. 1, 1990.

Brochure: "Aerobic Treatment System," 4 pages. Hoot Aerobic Systems, Inc., Lake Charles, Louisiana, Feb. 1999.

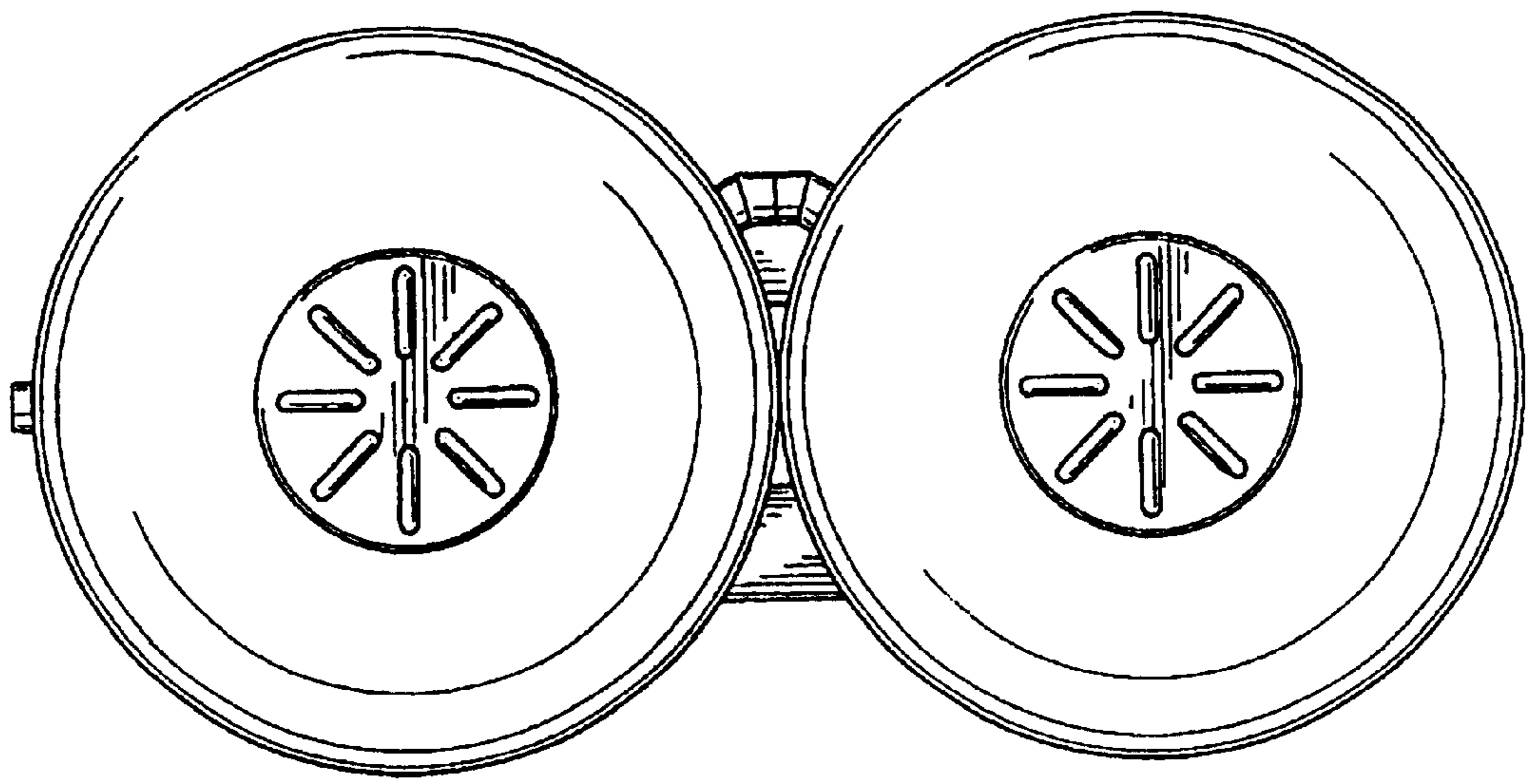
Brochure: "Singulair Bio-Kinetic Wastewater Treatment System," 4 pages. Norweco, Norwalk, Connecticut, 1995.

Flier: "Introducing Set-N-Go," 2 pages. Hydro-Action, Inc., Beaumont, Texas.

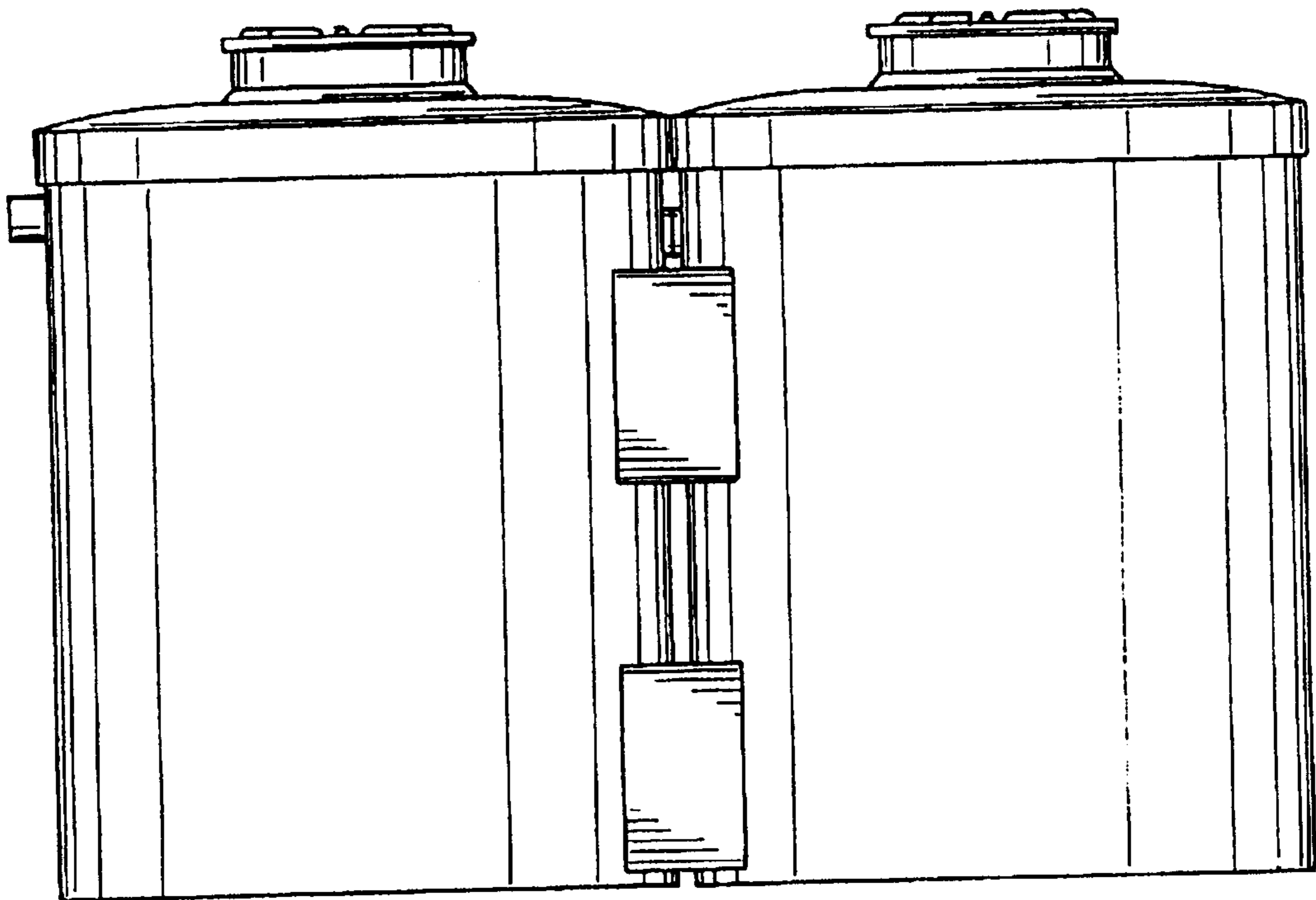
Brochure: "Single Home FAST Wastewater Treatment System," 4 pages. Bio-Microbics, Inc., 1996.

Brochure: "Class I Aerobic Systems for Residential and Commercial," 4 pages. Hydro-Action, Inc., Kountze, Texas, 1994.

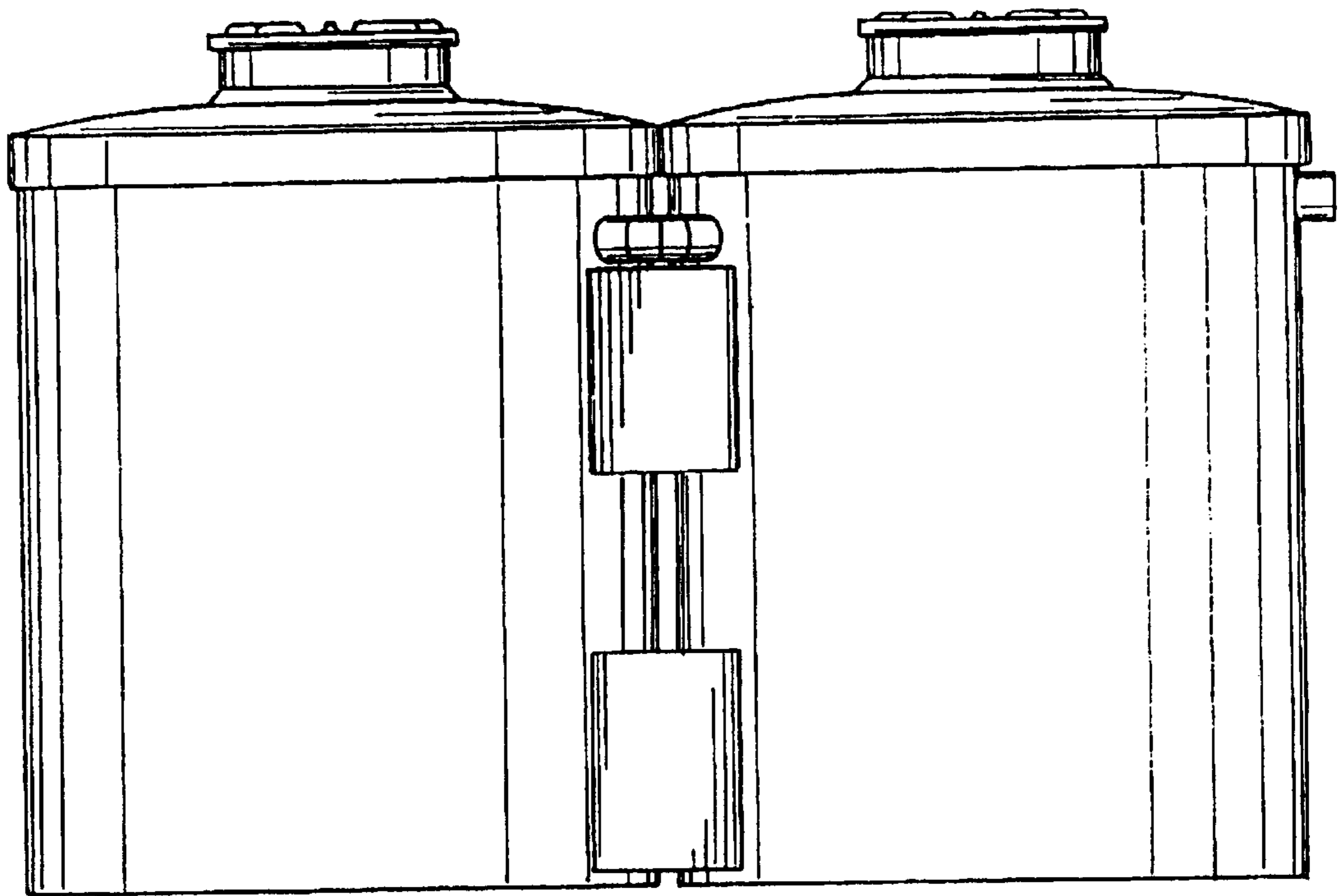
\* cited by examiner



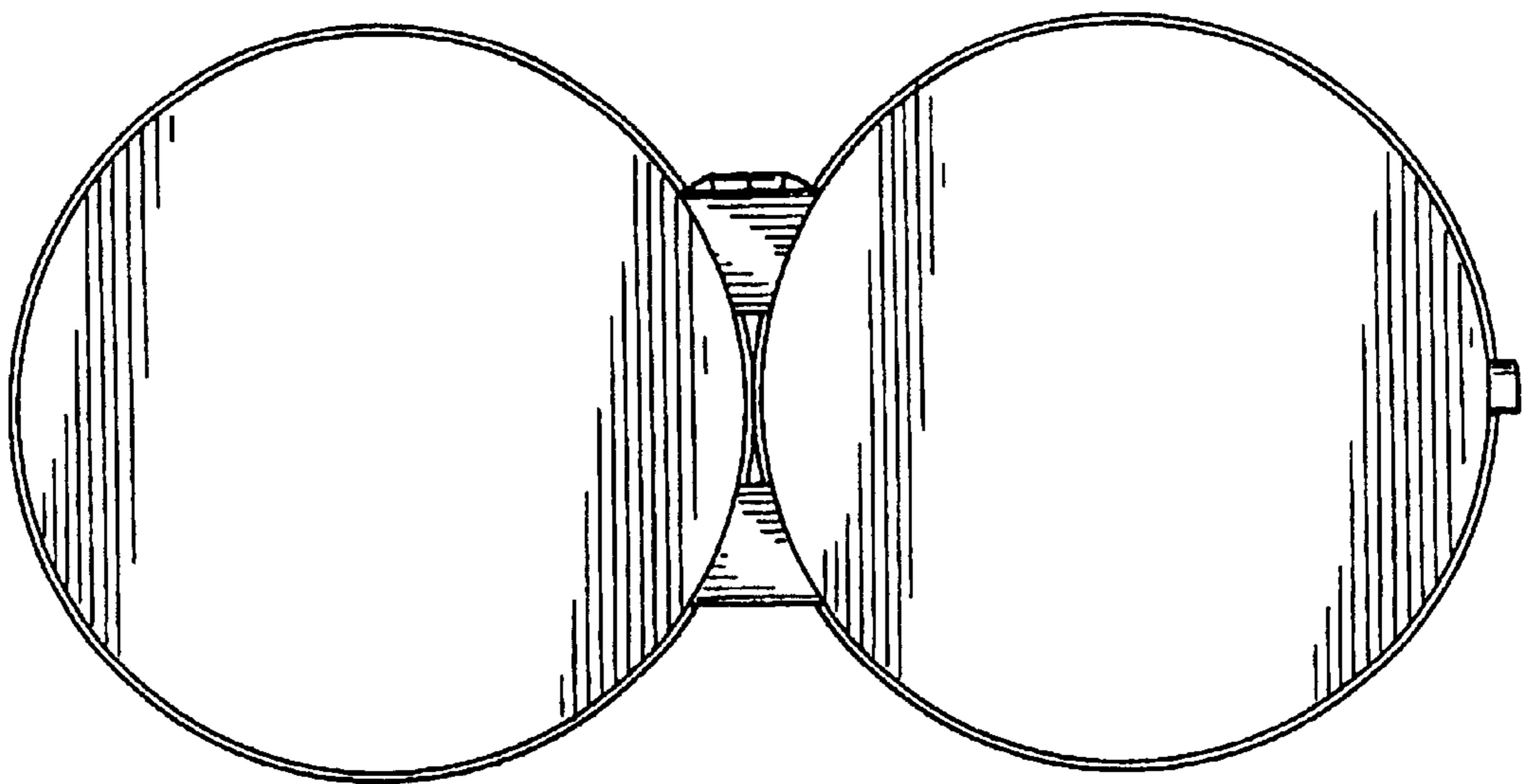
*FIG. 1*



*FIG. 2*

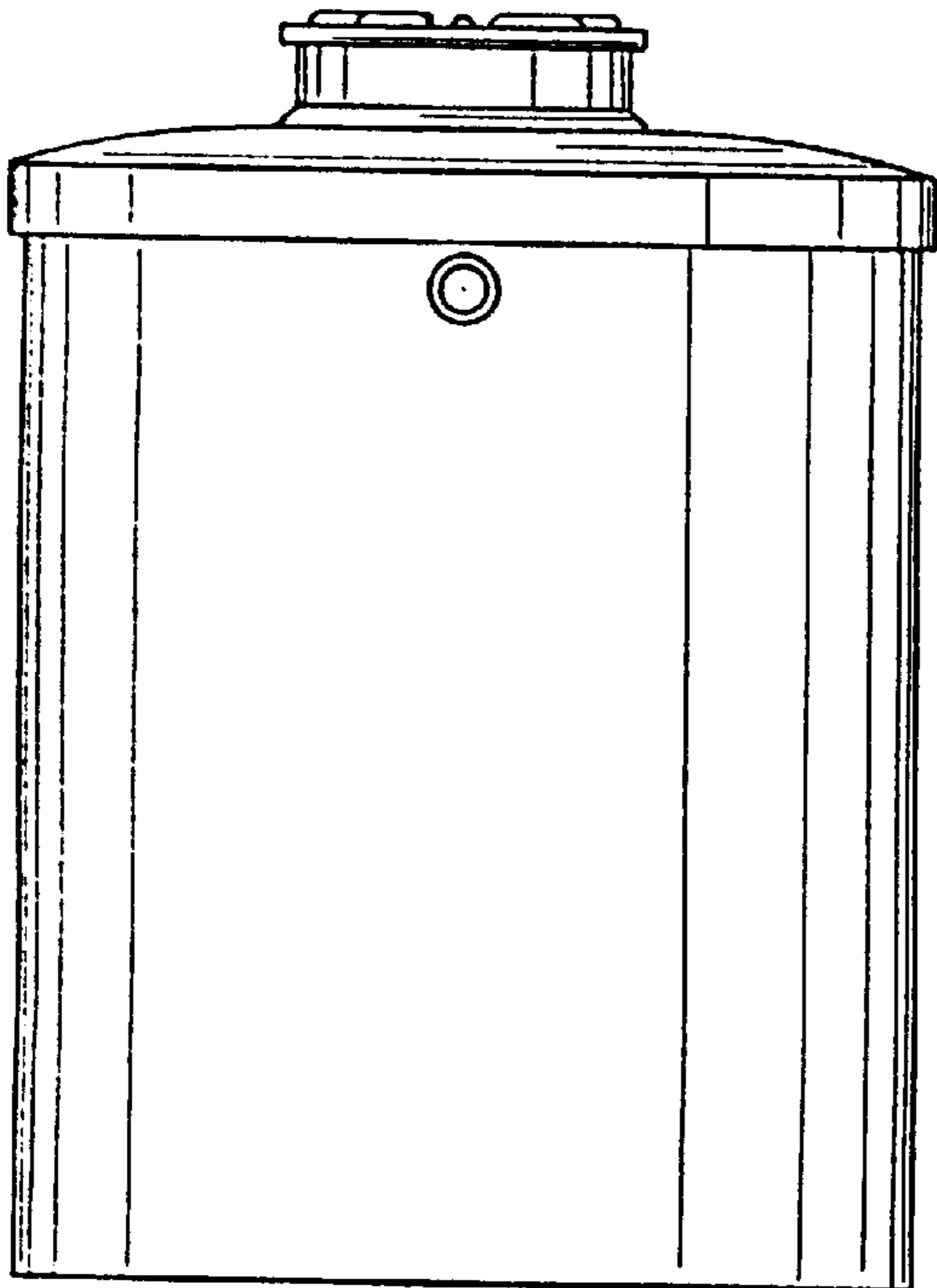


*FIG. 3*



*FIG. 4*

*FIG. 5*



*FIG. 6*

