



US00D354126S

United States Patent [19]

[11] Patent Number: **Des. 354,126**

Clawson et al.

[45] Date of Patent: **** Jan. 3, 1995**

[54] **HUMIDIFIER MANIFOLD FOR A VENTILATOR BREATHING CIRCUIT**

[76] Inventors: **Burrell E. Clawson, 2425 Sunset Dr.; James Weigl, 18815 Hermosa St., both of Riverside, Calif. 92506**

[*] Notice: The portion of the term of this patent subsequent to Nov. 1, 2008 has been disclaimed.

[**] Term: **14 Years**

[21] Appl. No.: **10,127**

[22] Filed: **Jun. 29, 1993**

[52] U.S. Cl. **D23/358; D24/129**

[58] Field of Search **D23/356, 363; D24/129, D24/110; 392/386, 394, 395, 400, 401-403; 261/DIG. 65, 104; 128/200.14, 200.21, 200.18, 200.16, 203.25, 203.26, 203.27, 203.16, 203.17**

[56] **References Cited**

U.S. PATENT DOCUMENTS

D. 249,066	8/1978	Pawlak	.....	D24/129
1,163,657	12/1915	Hadaway, Jr.	.....	392/403
3,820,540	6/1974	Hirtz et al.	.....	128/203.27
3,873,806	3/1975	Schossow	.....	392/402
3,874,379	4/1975	Enfield et al.	.....	261/DIG. 65
3,903,883	9/1975	Pecina et al.	.....	128/200.21
4,007,737	2/1977	Paluch	.....	128/201.13
4,051,205	9/1977	Grant	.....	261/70
4,108,953	8/1978	Rocco	.....	261/142
4,192,836	3/1980	Bartscher et al.	.....	261/142
4,201,204	5/1980	Rinne et al.	.....	128/203.27
4,225,542	9/1980	Wall et al.	.....	261/142
4,564,748	1/1986	Gupton	.....	219/497
4,567,353	1/1986	Aiba	.....	219/501
4,593,670	6/1986	Nara et al.	.....	123/545
4,618,462	10/1986	Fisher	.....	261/130
4,652,408	3/1987	Montgomery	.....	261/130
4,676,237	6/1987	Wood et al.	.....	128/203.17

4,708,831	11/1987	Elsworth et al.	.....	261/130
4,753,758	6/1988	Miller	.....	261/139
4,910,384	3/1990	Silver	.....	392/396
5,054,478	10/1991	Grychowski et al.	.....	128/200.14
5,062,145	10/1991	Zwaan et al.	.....	392/396

FOREIGN PATENT DOCUMENTS

2250542	7/1982	France	.	
1223930	3/1971	United Kingdom	.....	261/142
8605991	10/1986	WIPO	.....	128/200.14
9013326	11/1990	WIPO	.....	128/200.14

Primary Examiner—Lisa P. Lichtenstein
Attorney, Agent, or Firm—Gordon L. Peterson

[57] **CLAIM**

The ornamental design for a humidifier manifold for a ventilator breathing circuit, as shown.

DESCRIPTION

FIG. 1 is a perspective view showing the top, front and right side of the humidifier manifold for a ventilator breathing circuit of the present invention;

FIG. 2 is an elevation view showing the right side of the humidifier manifold for a ventilator breathing circuit of the present invention;

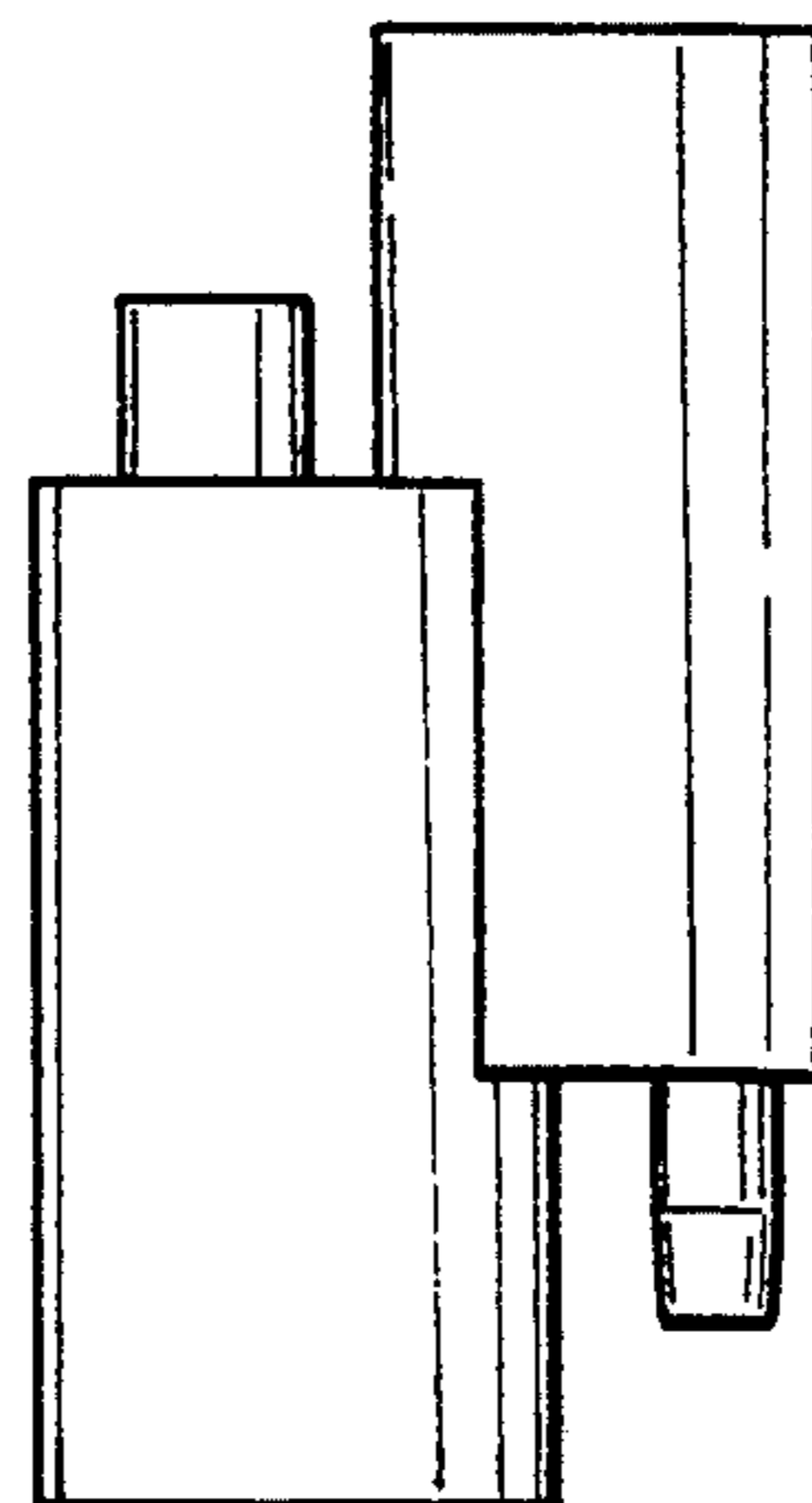
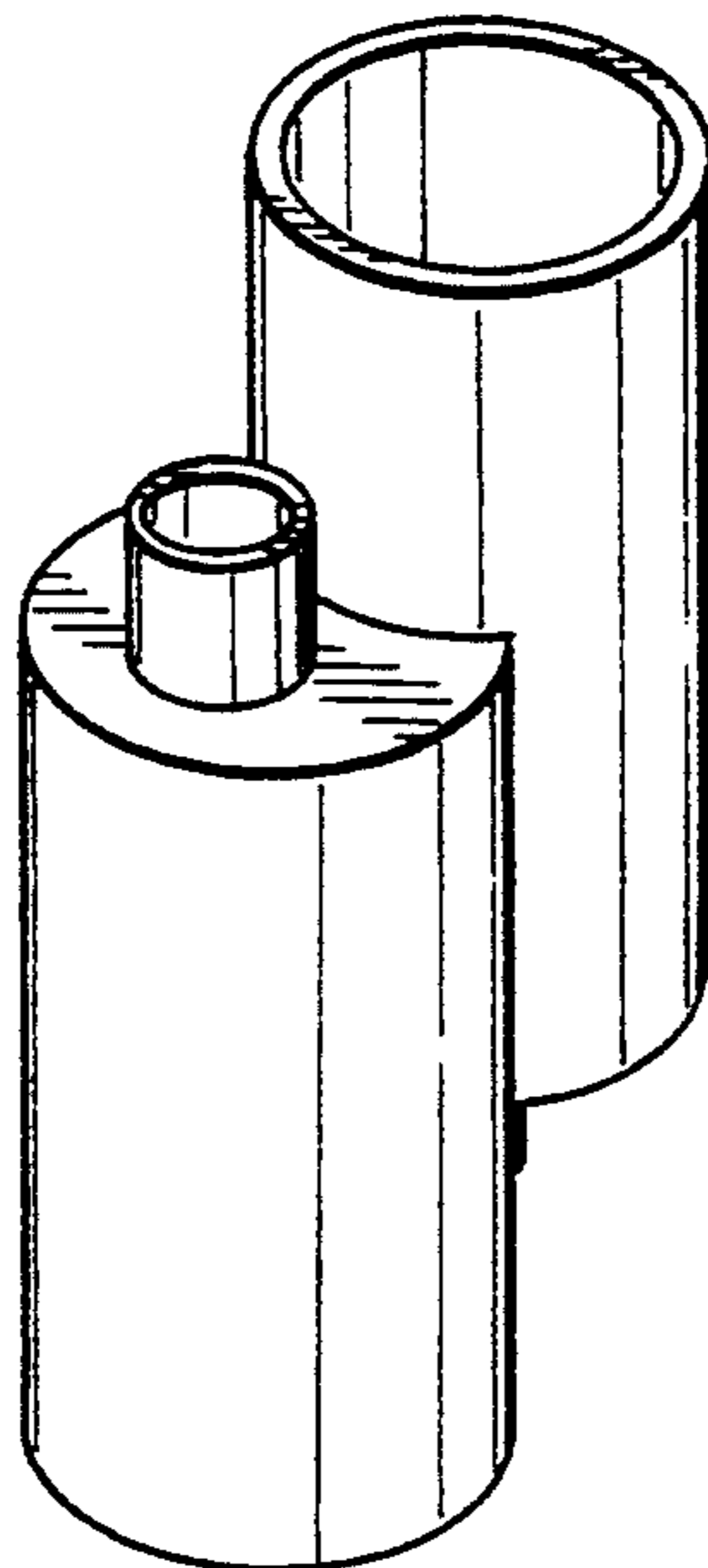
FIG. 3 is a plan view showing the top of the humidifier manifold for a ventilator breathing circuit of the present invention;

FIG. 4 is an elevation view showing the front of the humidifier manifold for a ventilator breathing circuit of the present invention;

FIG. 5 is an elevation view showing the left side of the humidifier manifold for ventilator breathing circuit of the present invention;

FIG. 6 is an elevation view showing the back of the humidifier manifold for a ventilator breathing circuit of the present invention; and,

FIG. 7 is a plan view showing the bottom of the humidifier manifold for a ventilator breathing circuit of the present invention.



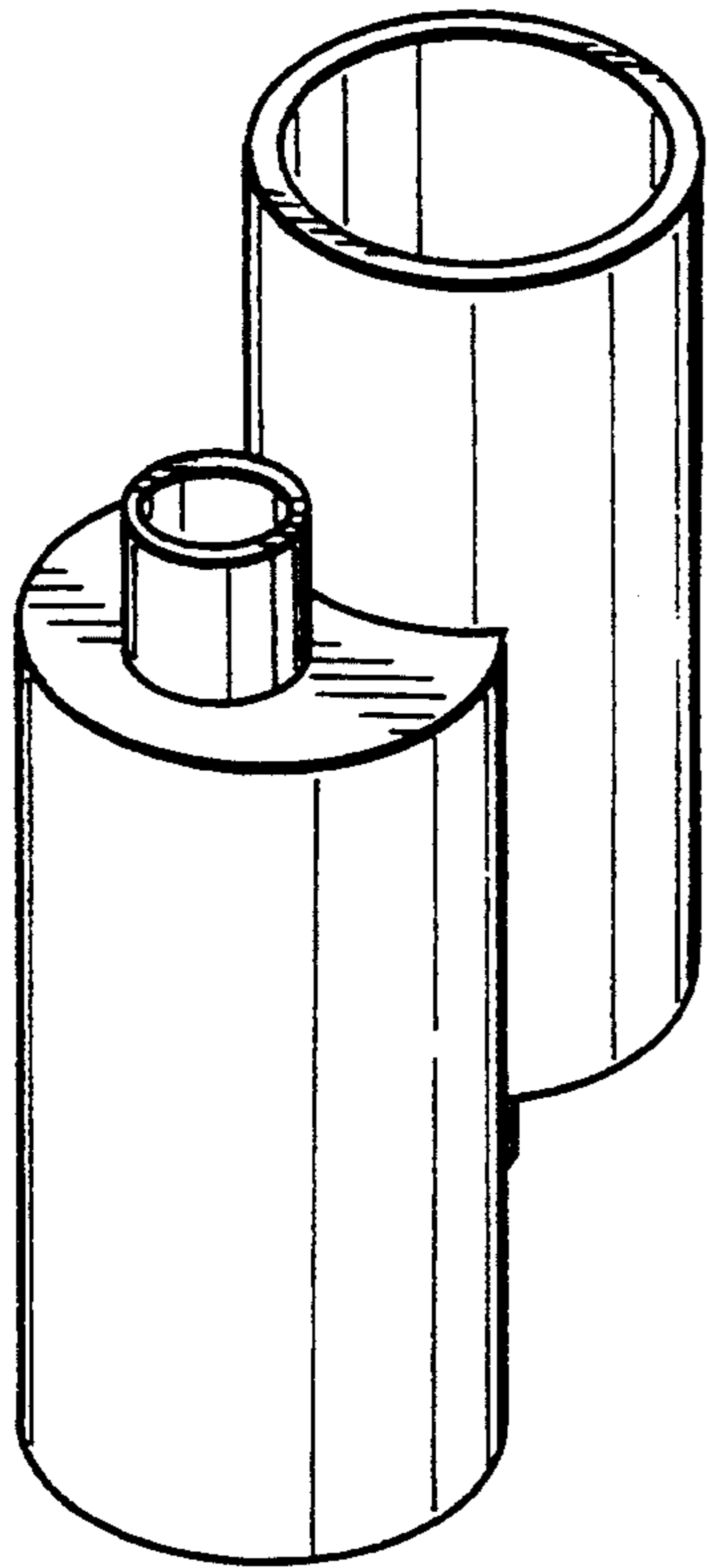


Fig. 1

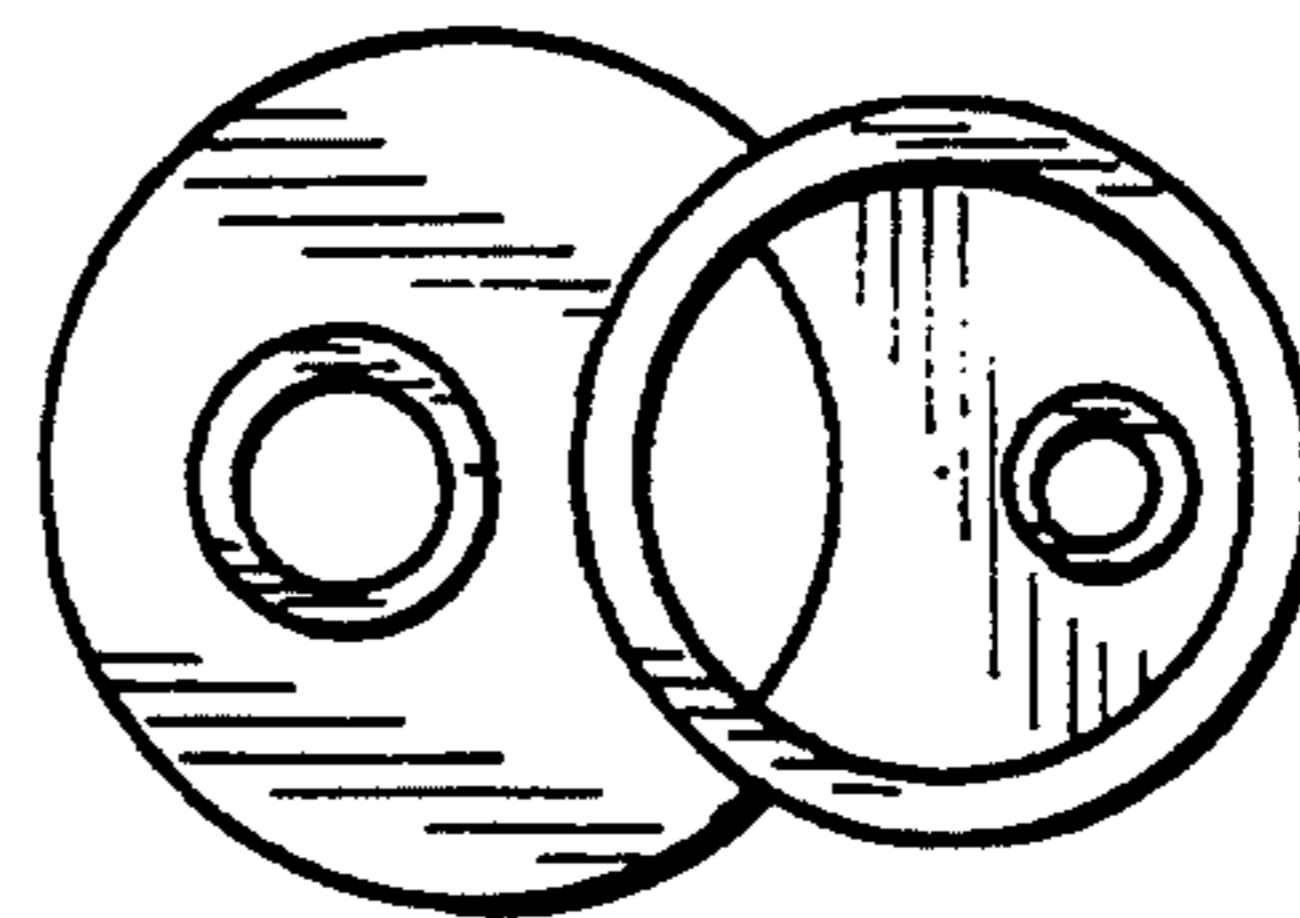


Fig. 3

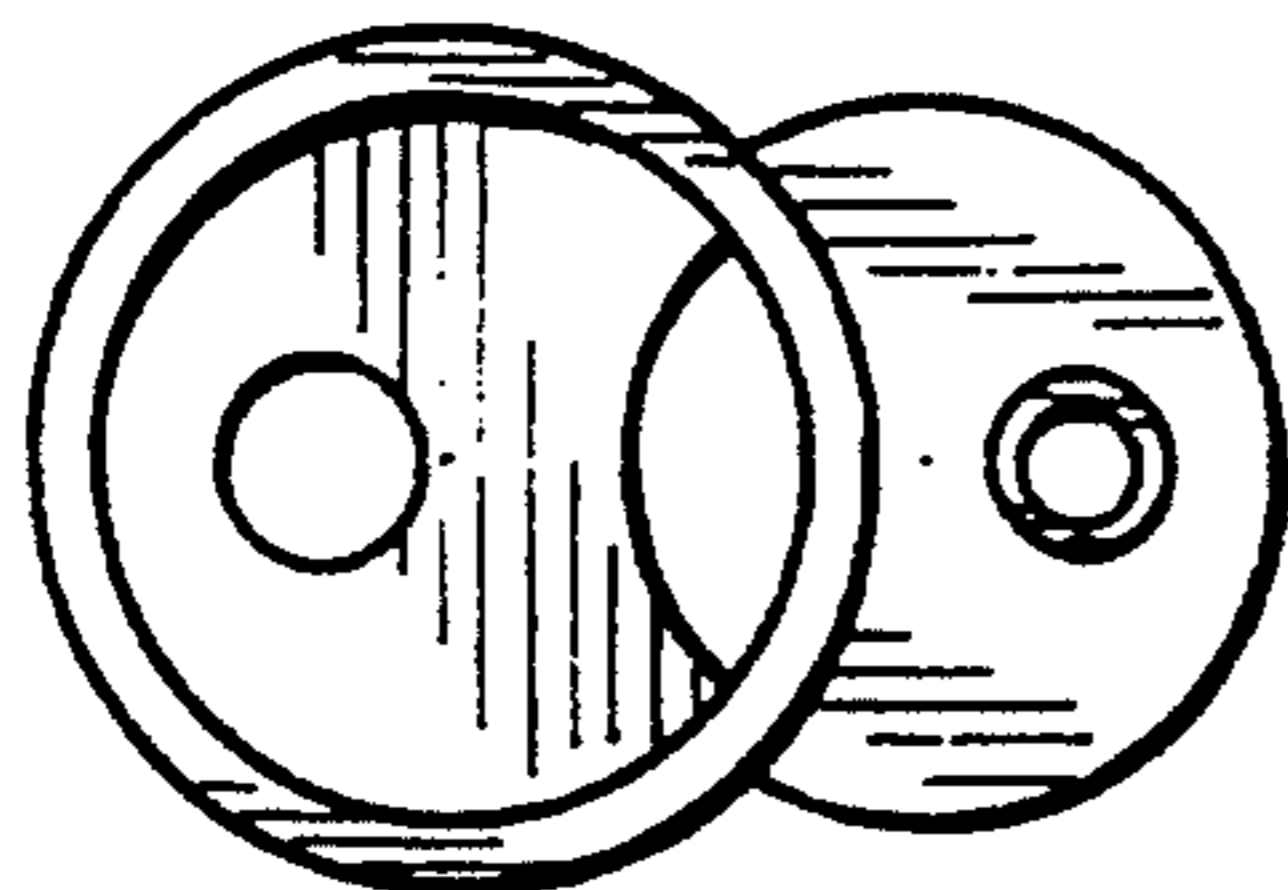


Fig. 7

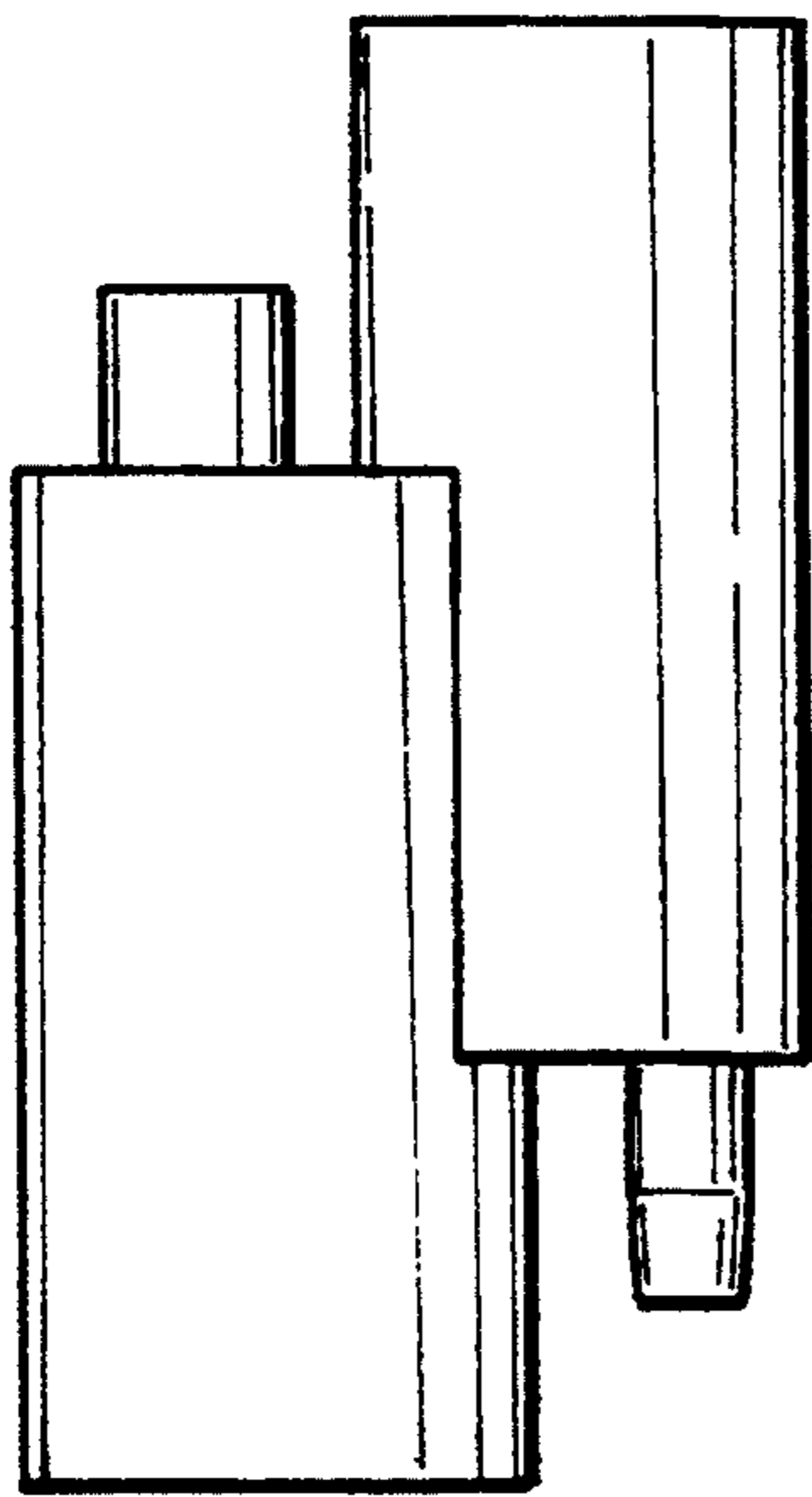


Fig. 2

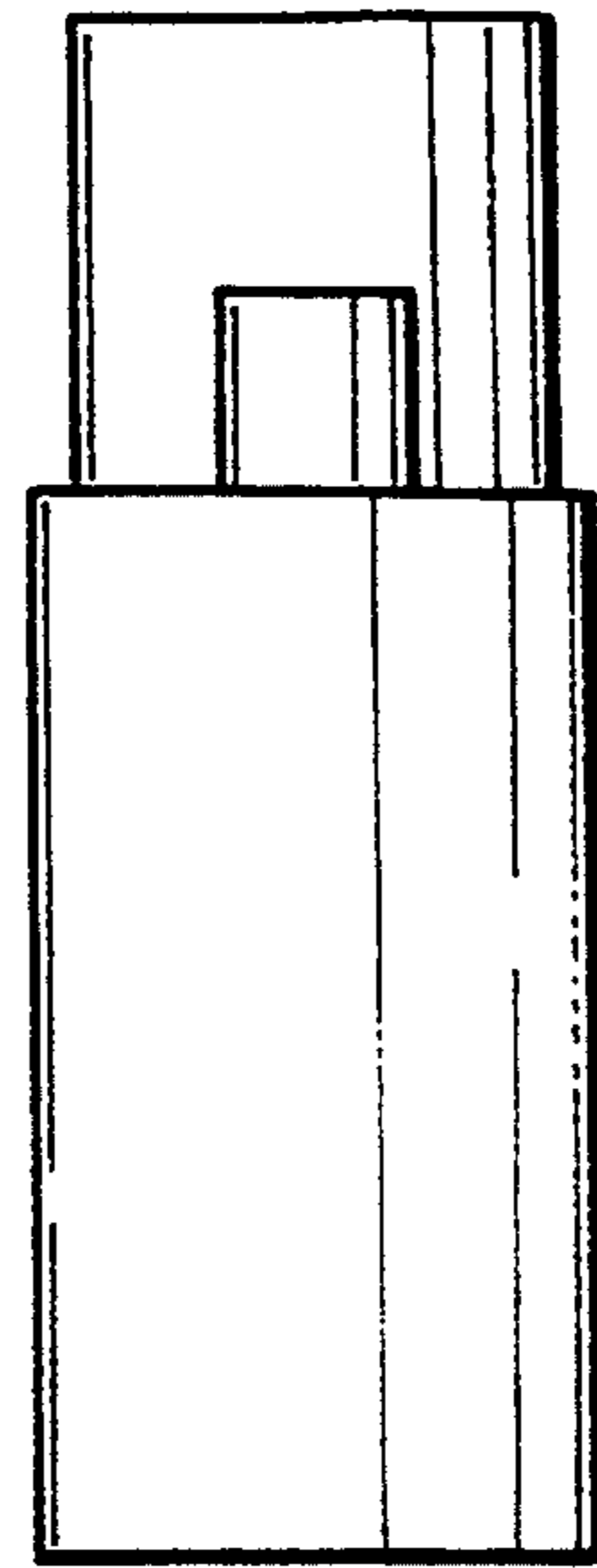


Fig. 4

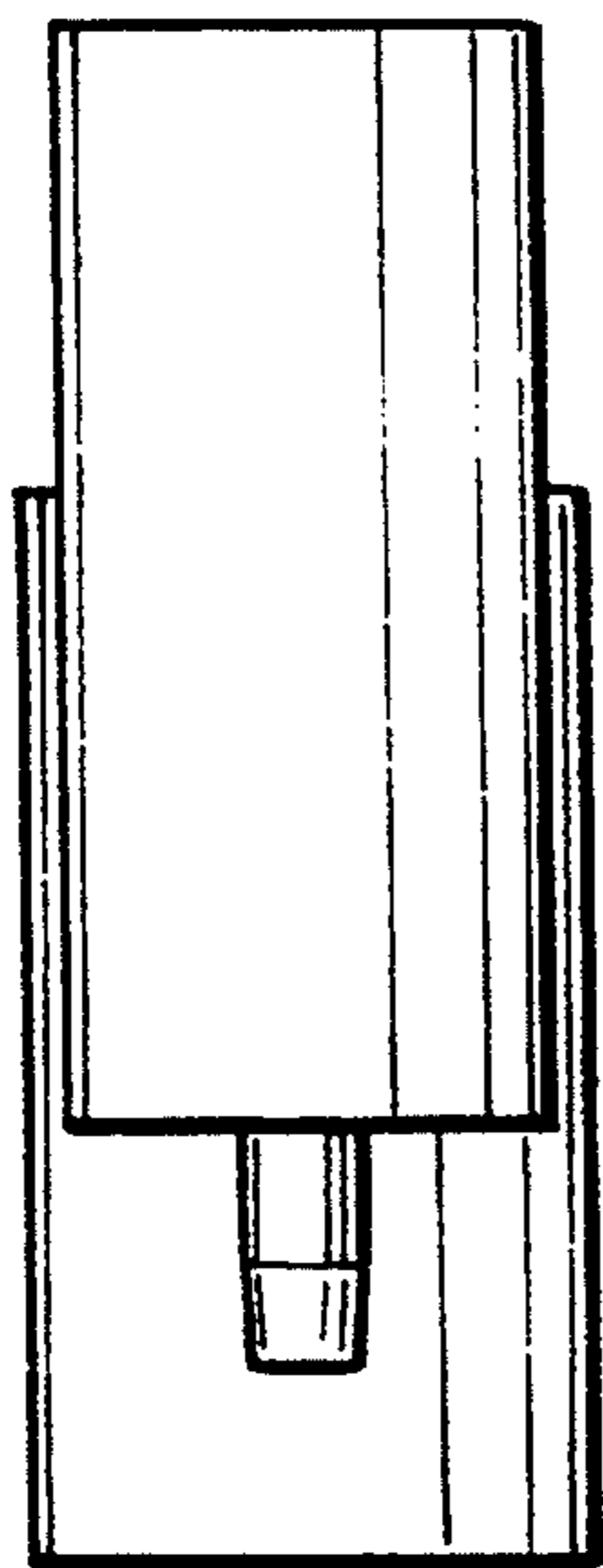


Fig. 6

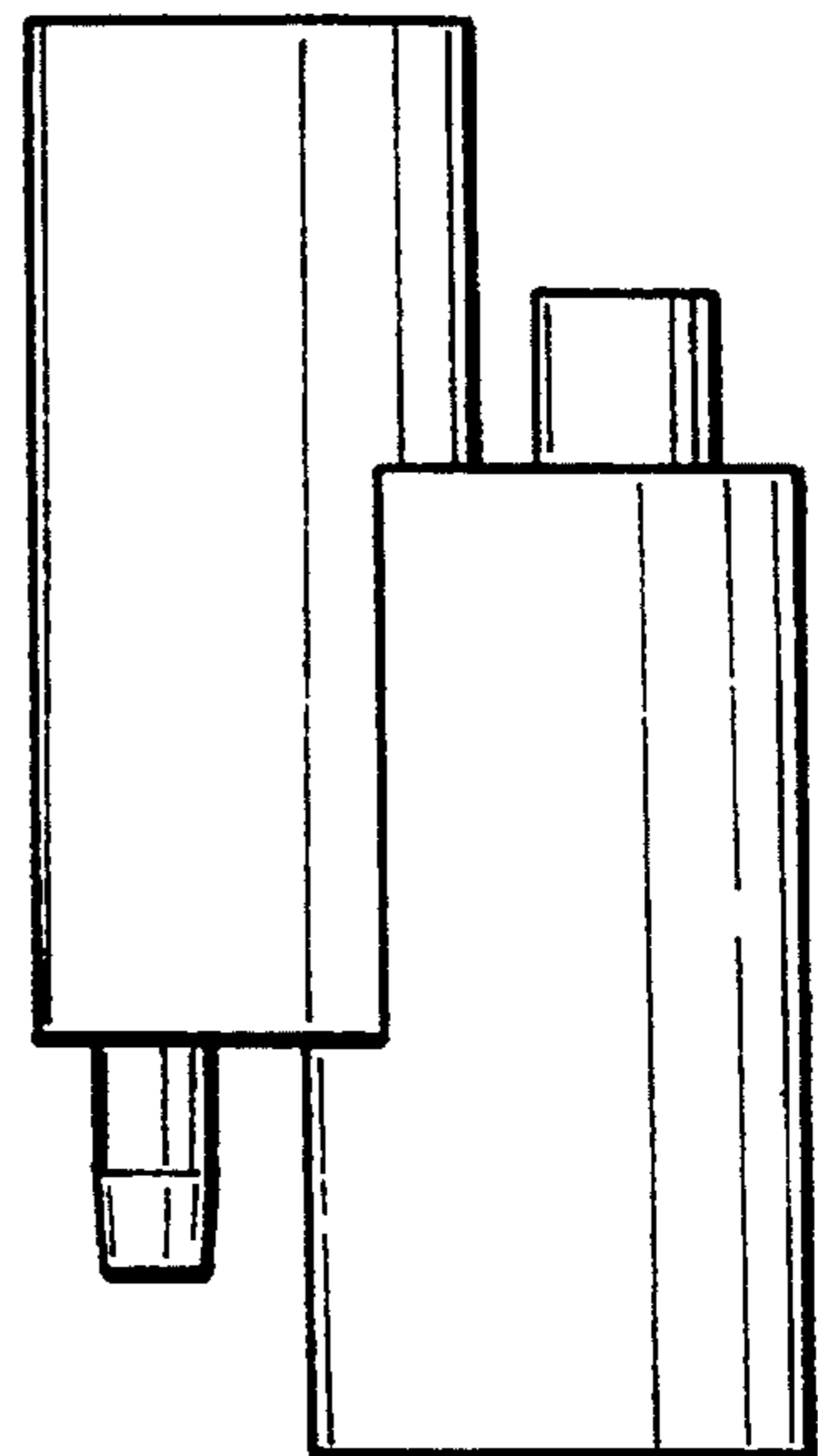


Fig. 5