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

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(54) **KNOCKDOWN FUNNEL**

(76) Inventor: **Zhigang Lin**, Zhejiang (CN)

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

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(30) **Foreign Application Priority Data**

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(51) **LOC (10) Cl.** ..... **07-99**

(52) **U.S. Cl.**  
USPC ..... **D7/700**

(58) **Field of Classification Search**

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D7/667, 400, 409, 543, 523, 510, 512, 629,  
D7/668, 669, 691, 589, 412, 415;  
D30/129, 132, 162; D14/208;  
D24/122; D23/200; D9/436, 434, 503,  
D9/536; D10/46.2; D15/150, 152;  
210/314, 456, 464, 470-478, 497.1,  
210/498, 499; 141/297-300, 331-345, 95,  
141/98, 199-205, 384, 386; 99/324, 325,  
99/339, 416, 415, 425, 426, 345, 495, 490,  
99/505-510; 220/86.2; 215/316, 321, 329,  
215/43; 294/179; 100/110, 113, 116, 127,  
100/213, 248

See application file for complete search history.

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(57) **CLAIM**

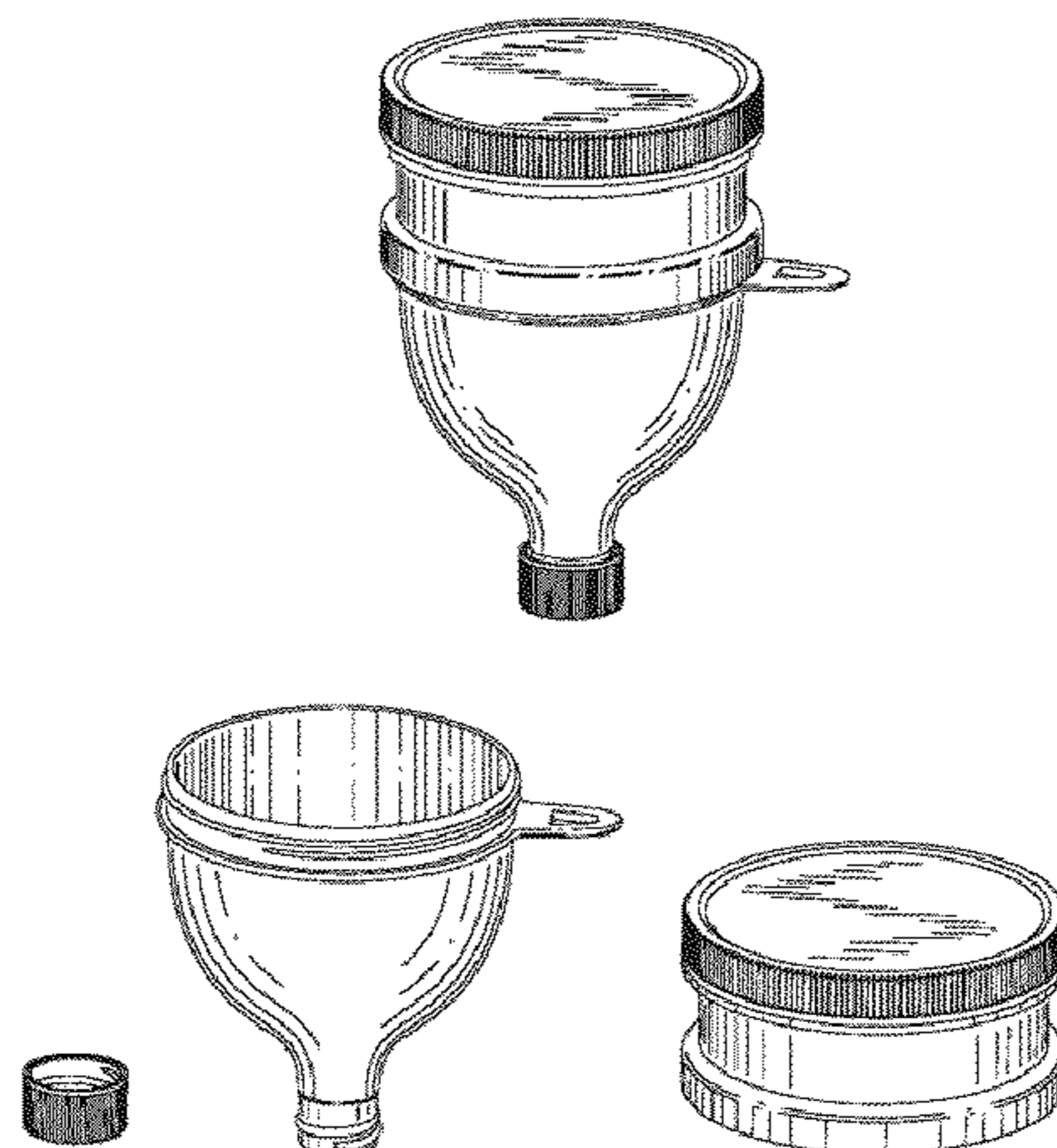
The ornamental design for a knockdown funnel, as shown and described.

**DESCRIPTION**

FIG. 1 is a front elevation view of a knockdown funnel showing my new design;

FIG. 2 is a left side elevation view thereof;  
FIG. 3 is a right side elevation view thereof.  
FIG. 4 is a rear elevation view thereof;  
FIG. 5 is a top plan view thereof;  
FIG. 6 is a bottom plan view thereof;  
FIG. 7 is a front perspective view thereof;  
FIG. 8 is an exploded front perspective view shown with the large cover portion separated from the knockdown funnel;  
FIG. 9 is an exploded front perspective view shown with the jar portion separated from the knockdown funnel;  
FIG. 10 is an exploded perspective view shown with the small cover and jar portions separated from the knockdown funnel;  
FIG. 11 is a front elevation view shown with the large cover, jar and small cover portions removed from the knockdown funnel showing my new design;  
FIG. 12 is a left side elevation view thereof;  
FIG. 13 is a right side elevation view thereof;  
FIG. 14 is a rear elevation view thereof;  
FIG. 15 is a top plan view thereof;  
FIG. 16 is a bottom plan view thereof;  
FIG. 17 is a front elevation view shown with the large cover, funnel, and small cover portions removed from the knockdown funnel showing my new design;  
FIG. 18 is a left side elevation view thereof;  
FIG. 19 is a right side elevation view thereof;  
FIG. 20 is a rear elevation view thereof;  
FIG. 21 is a top plan view thereof;  
FIG. 22 is a bottom plan view thereof;  
FIG. 23 is a front elevation view shown with the jar, funnel and small cover portions removed from the knockdown funnel showing my new design thereof, the left side, right side and rear elevation views all being identical mirror views thereof;  
FIG. 24 is a top plan view thereof;  
FIG. 25 is a bottom plan view thereof;  
FIG. 26 is a front elevation view shown with the large cover, jar, and funnel portions removed from the knockdown funnel showing my new design thereof, the left side, right side and rear elevation views all being identical mirror images thereof;  
FIG. 27 is a top plan view thereof; and,  
FIG. 28 is a bottom plan view thereof.

**1 Claim, 14 Drawing Sheets**



(56)

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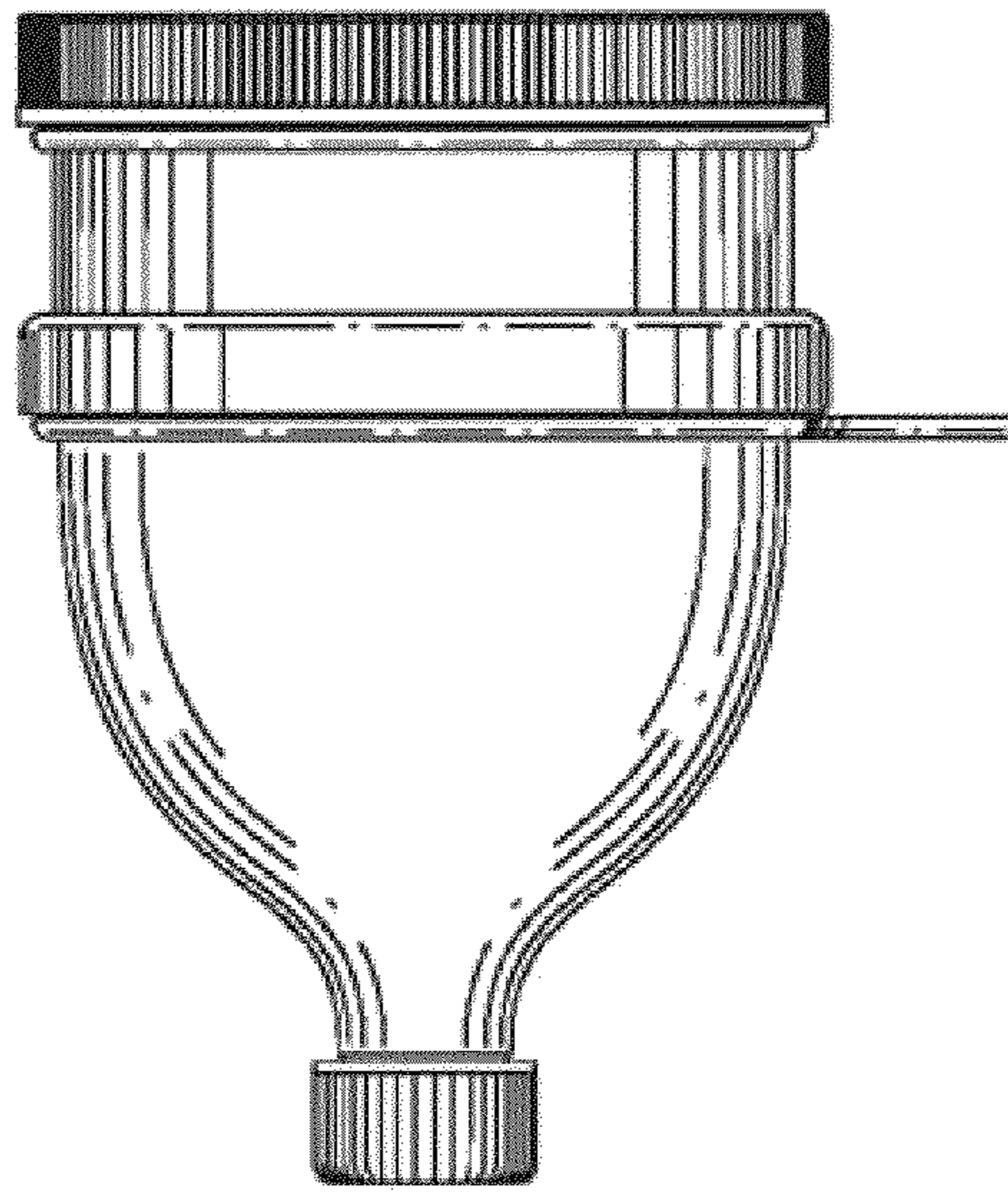


Fig. 1

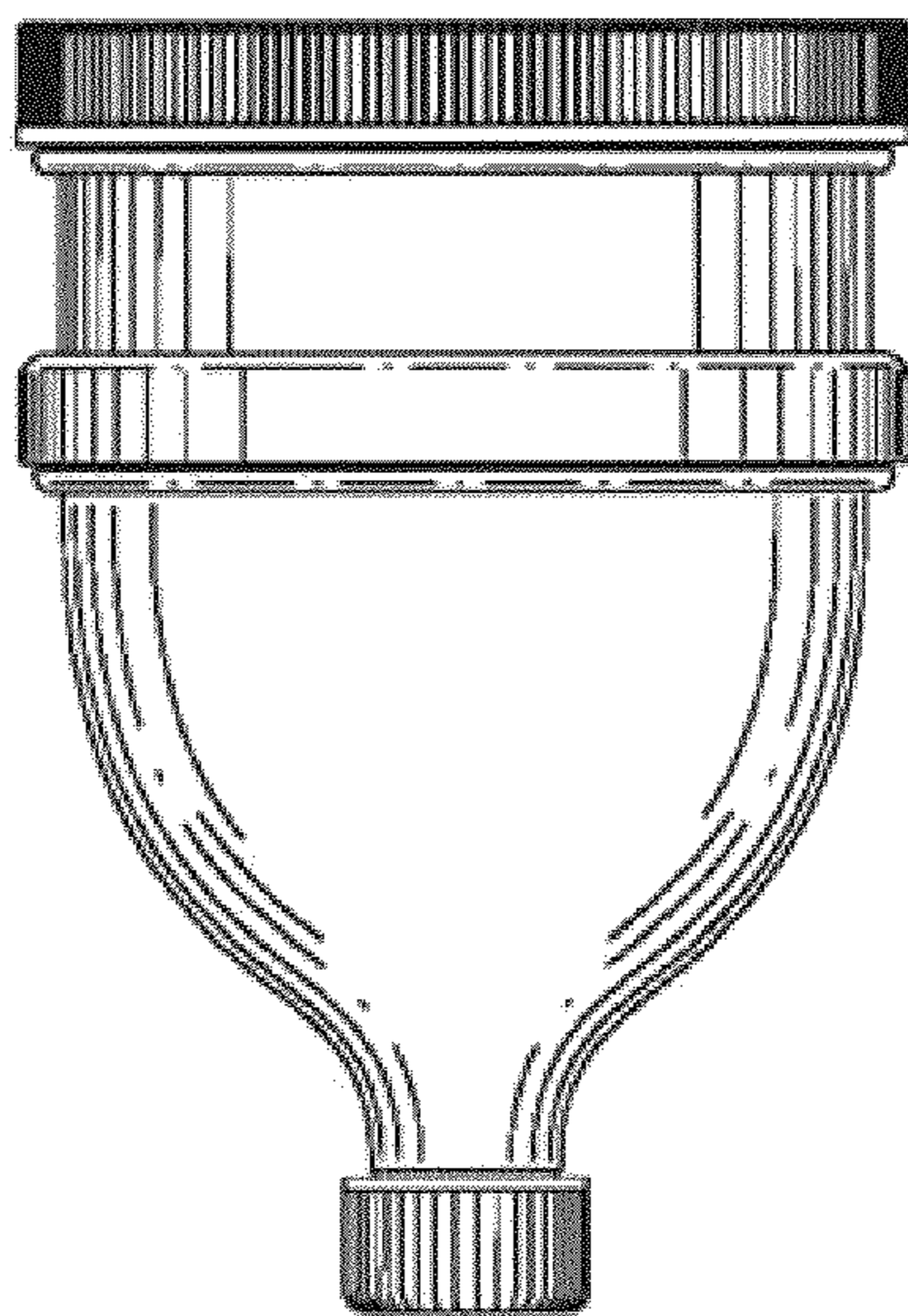


Fig. 2



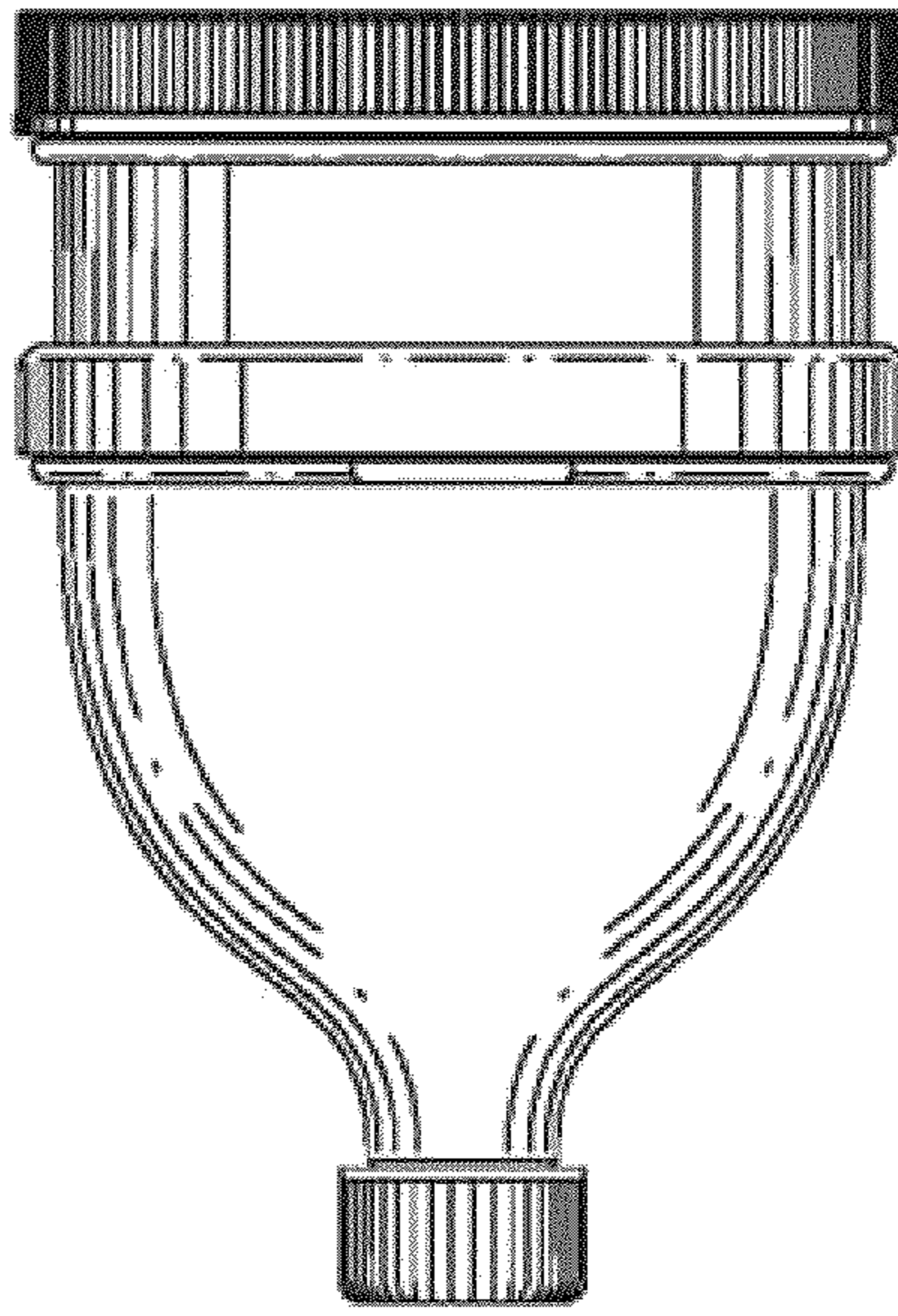


Fig. 3

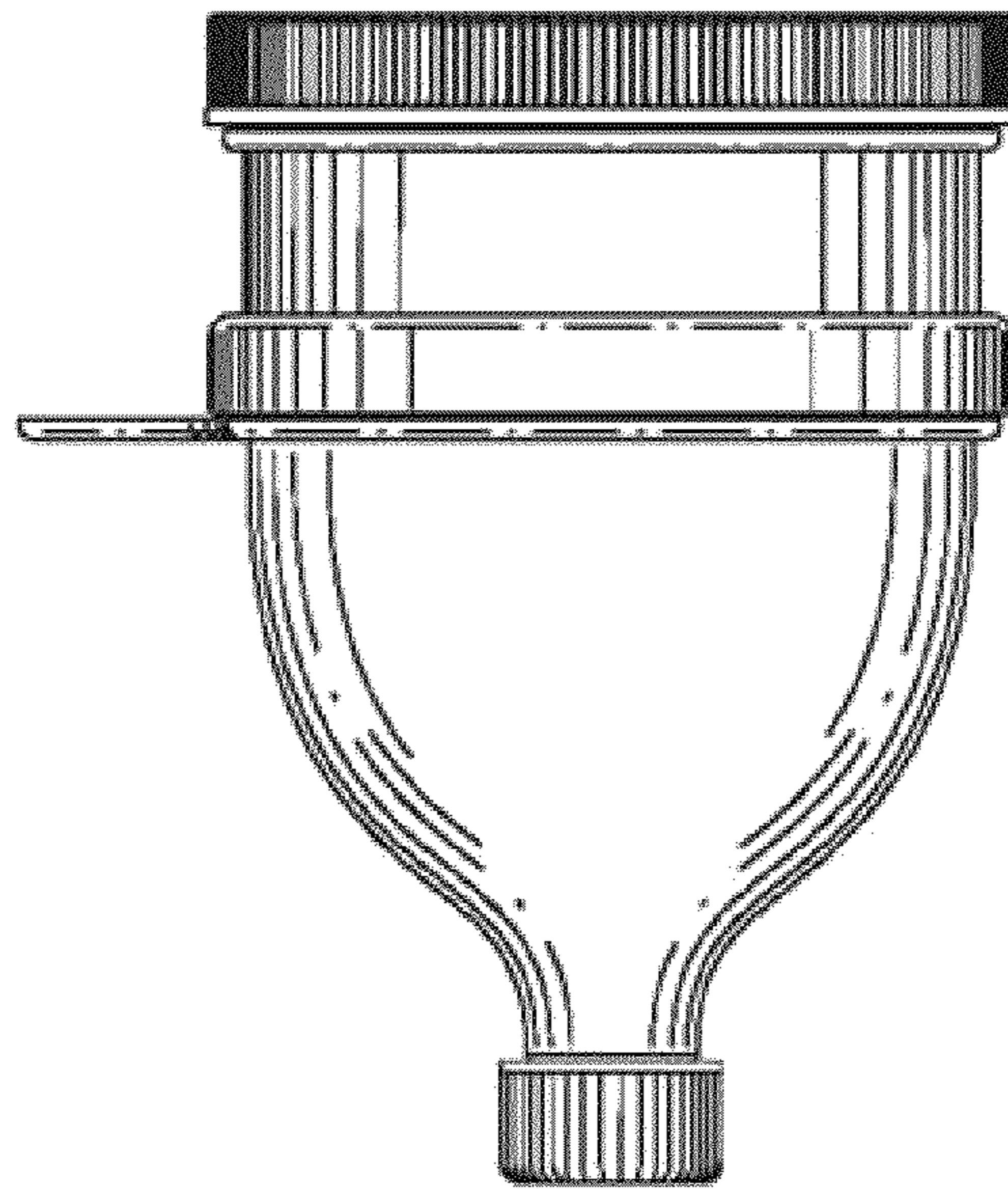


Fig. 4

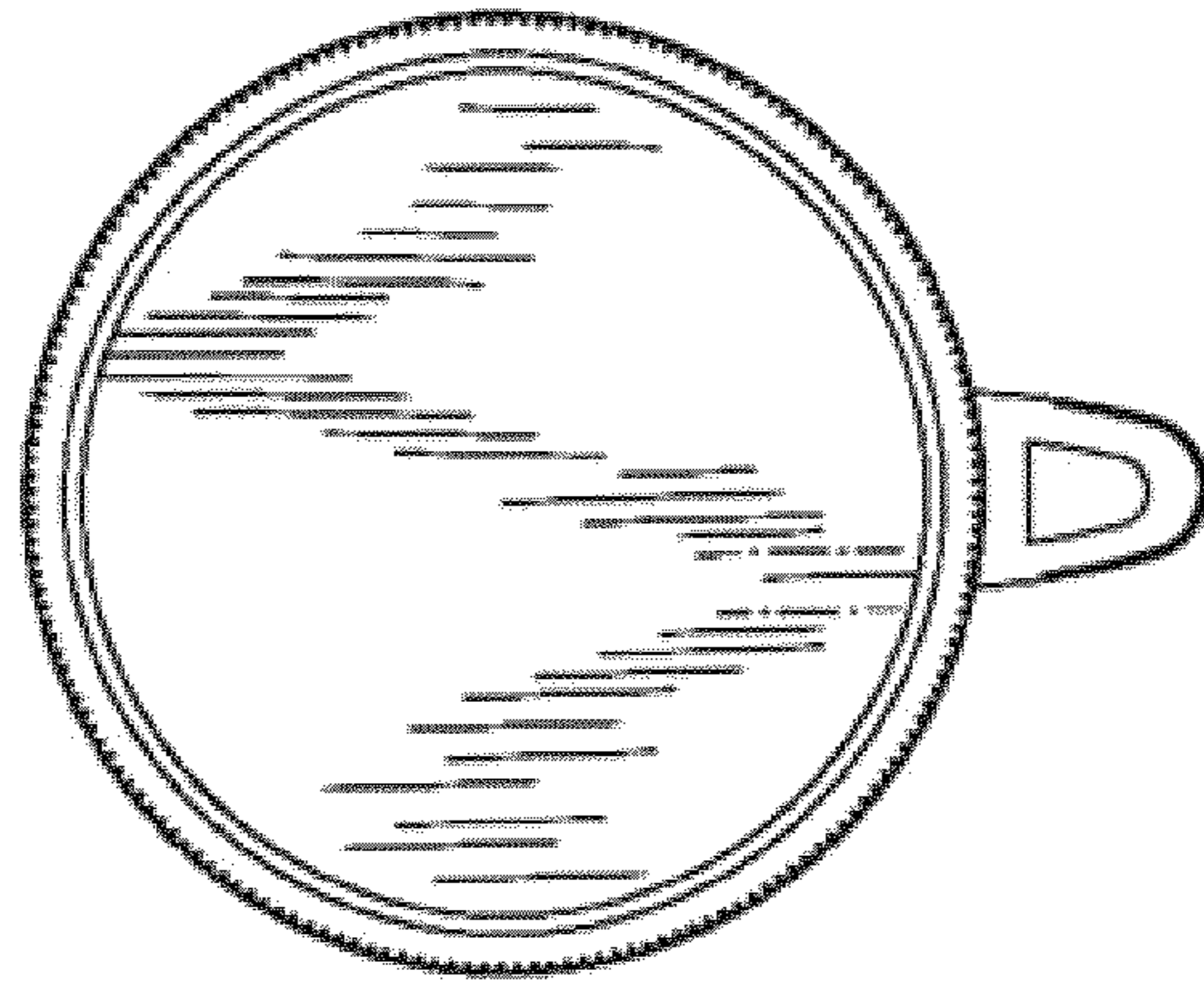


Fig. 5

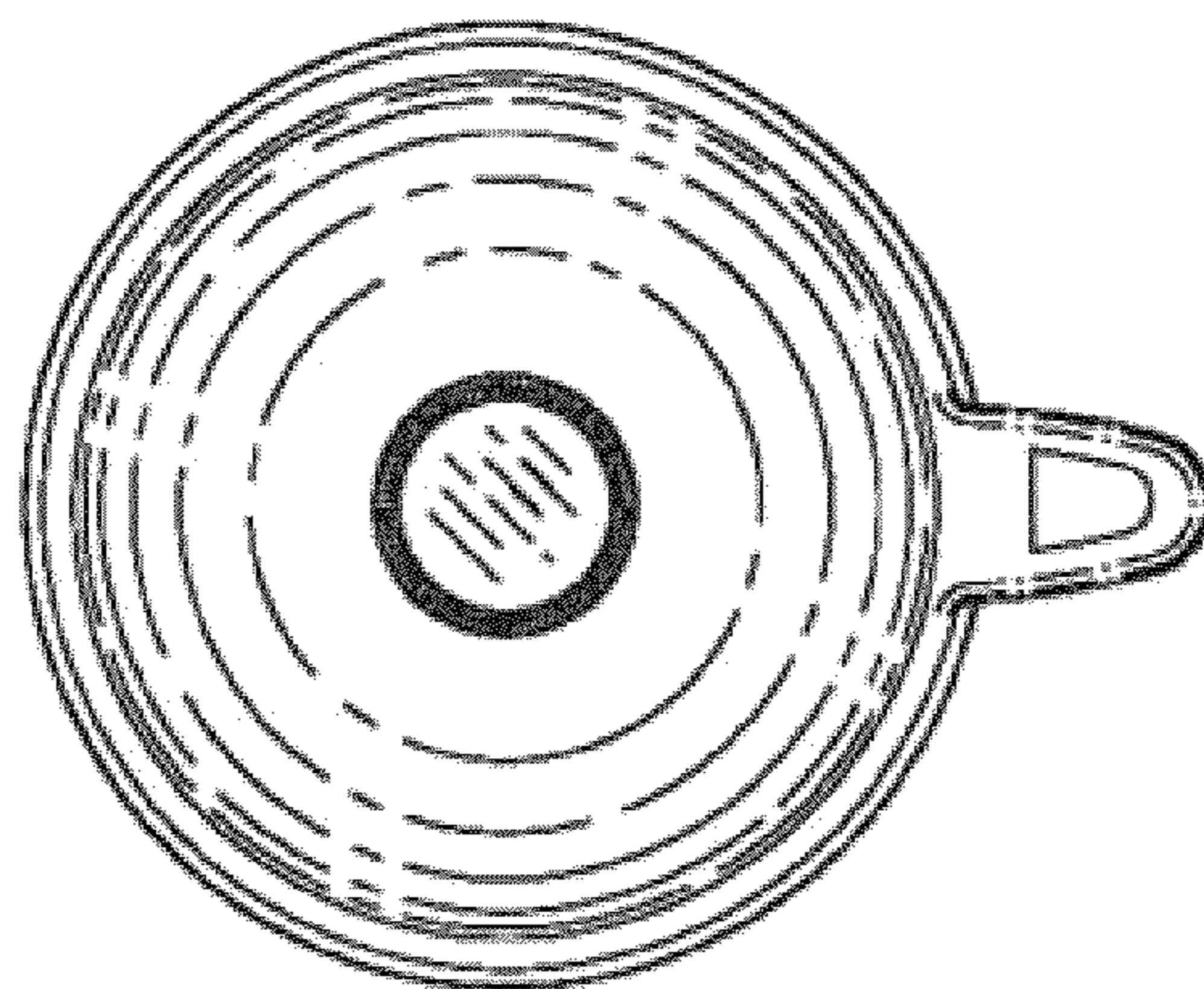


Fig. 6



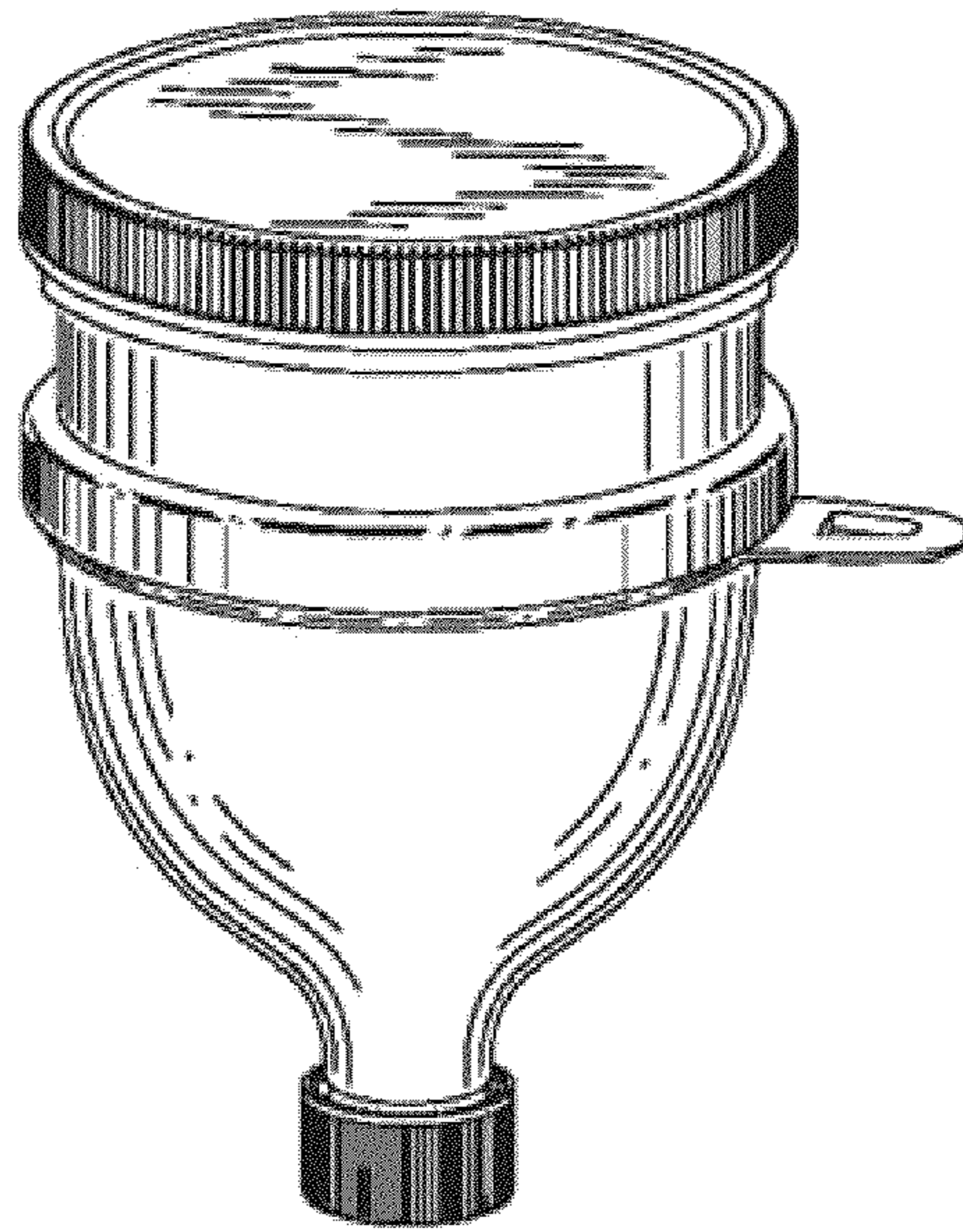


Fig. 7

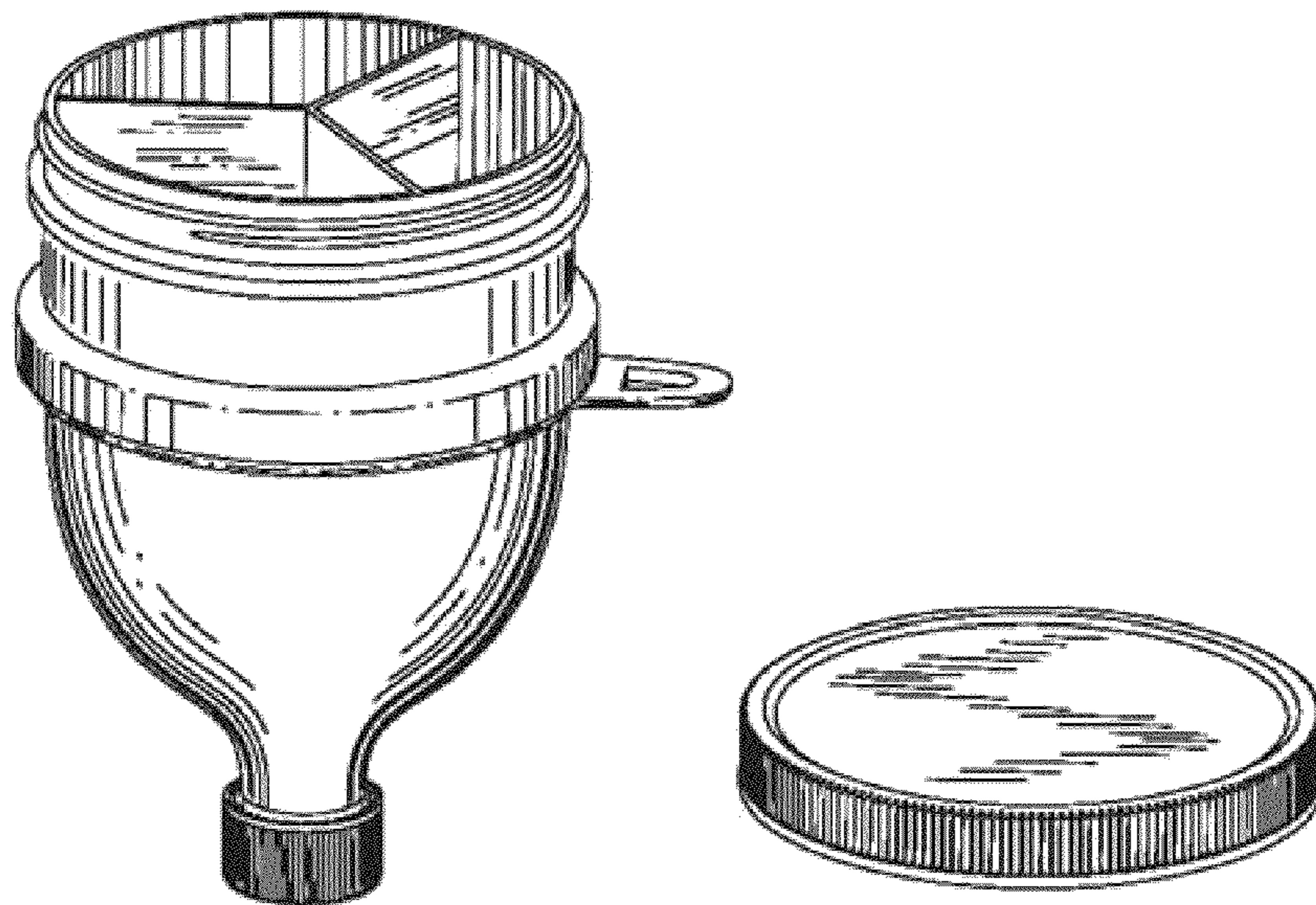


Fig. 8

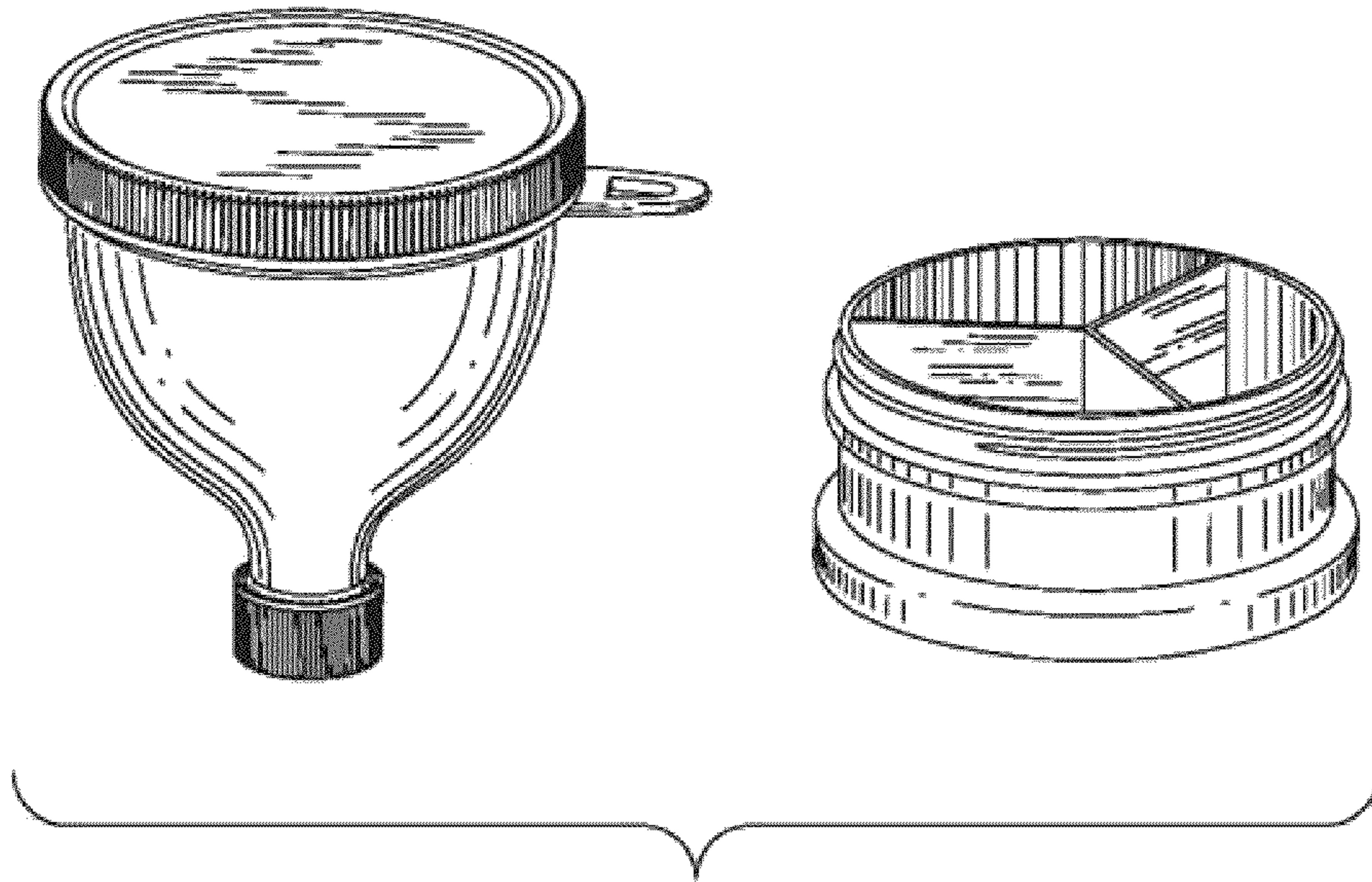


Fig. 9

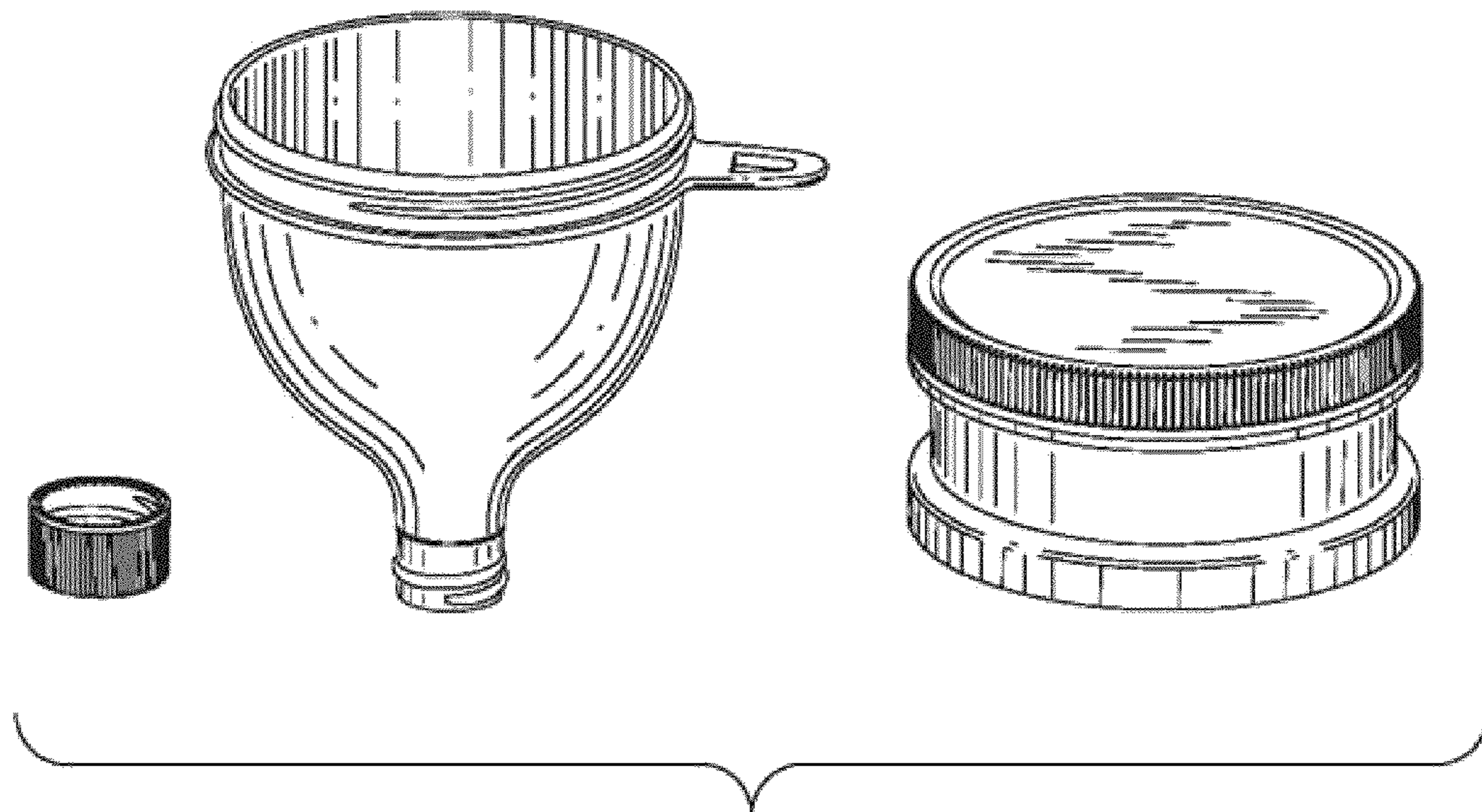


Fig. 10



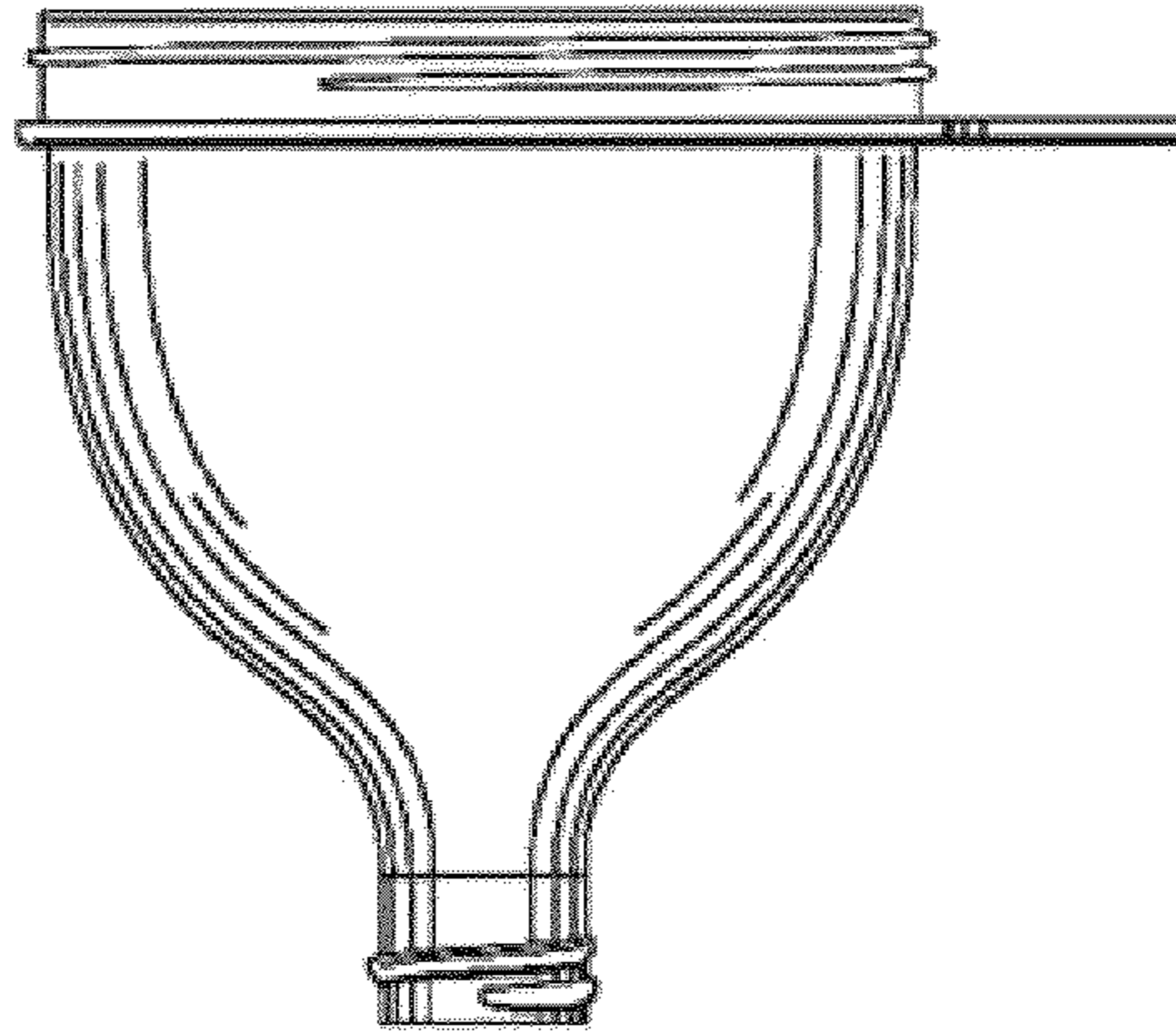


Fig. 11

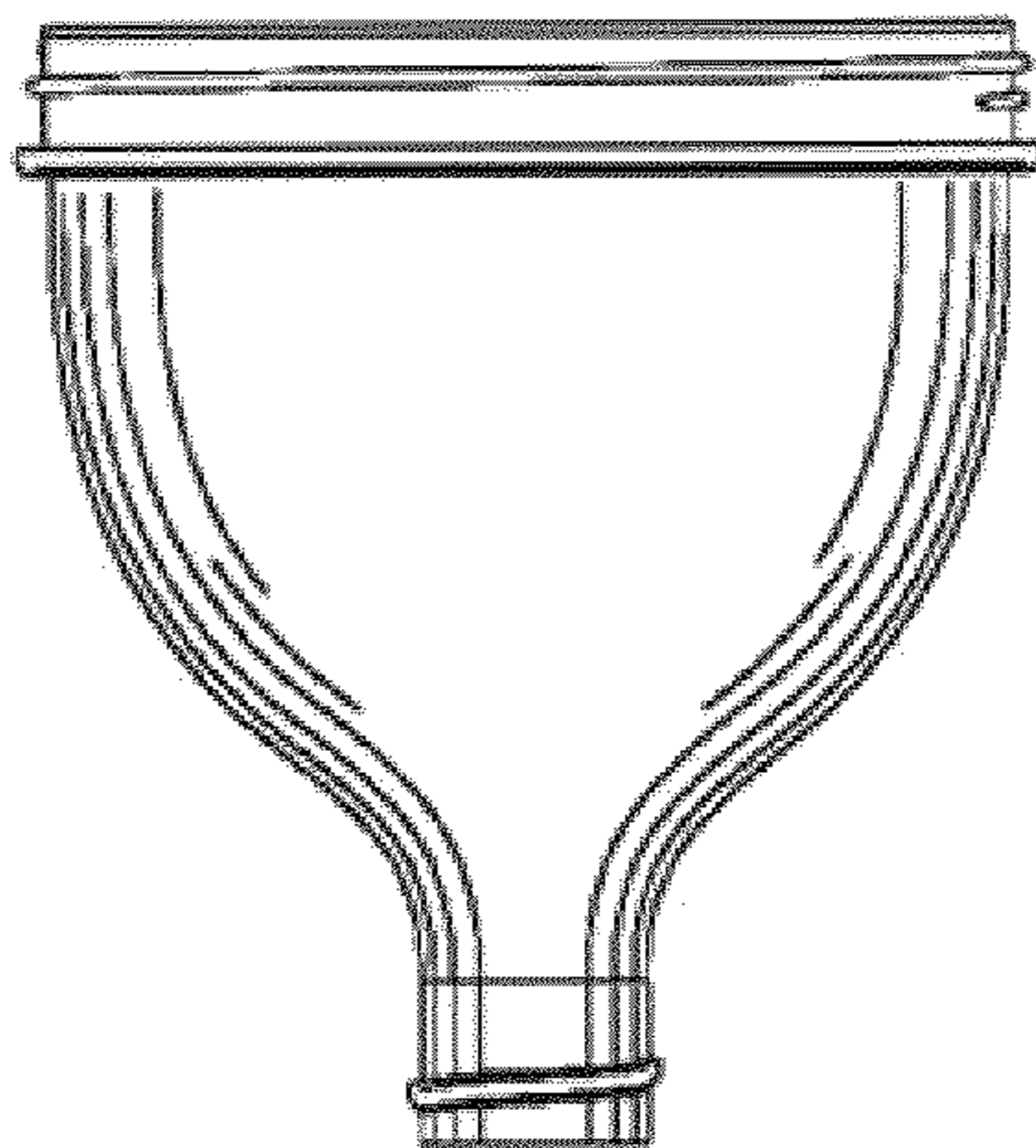


Fig. 12



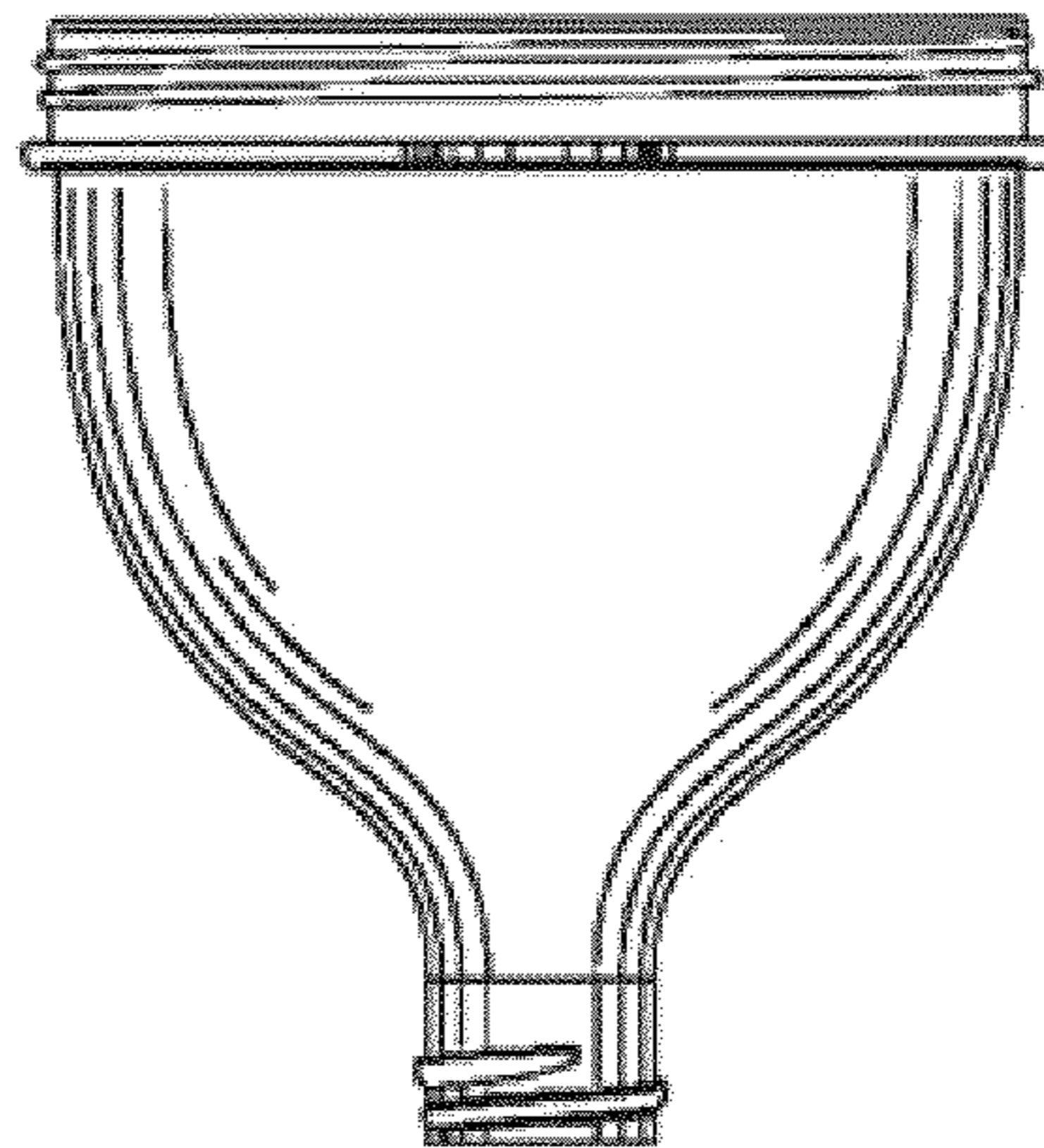


Fig. 13

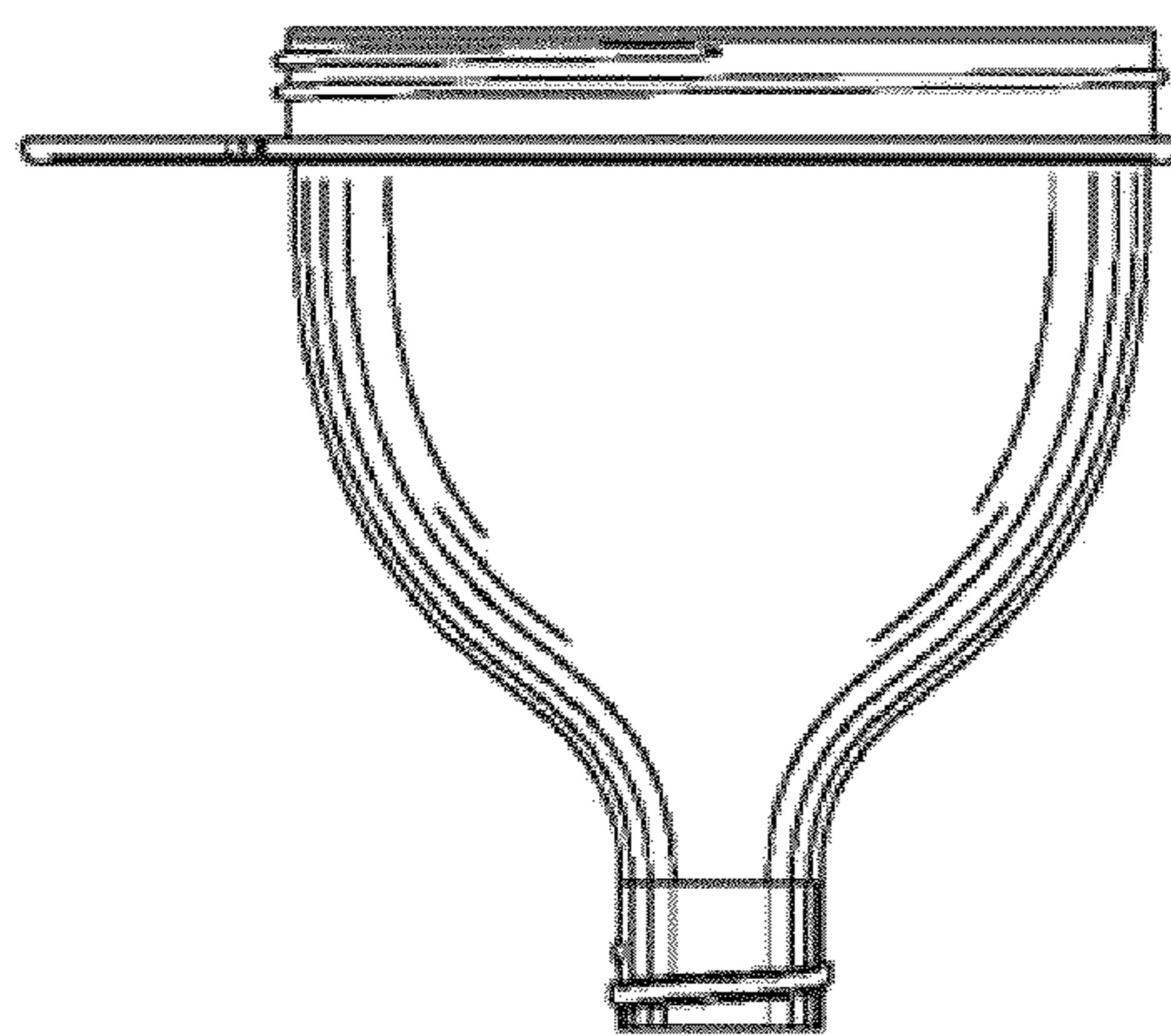


Fig. 14

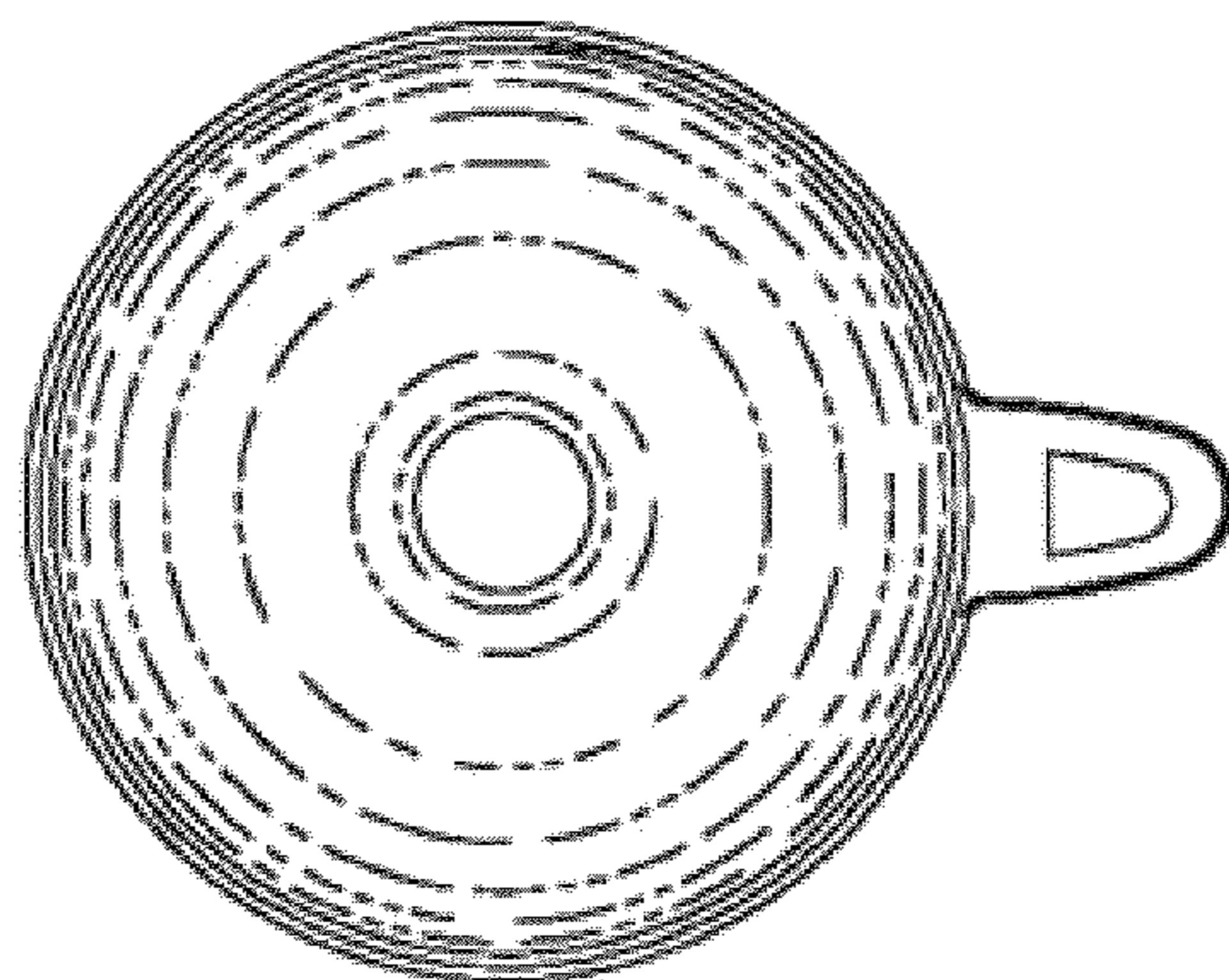


Fig. 15

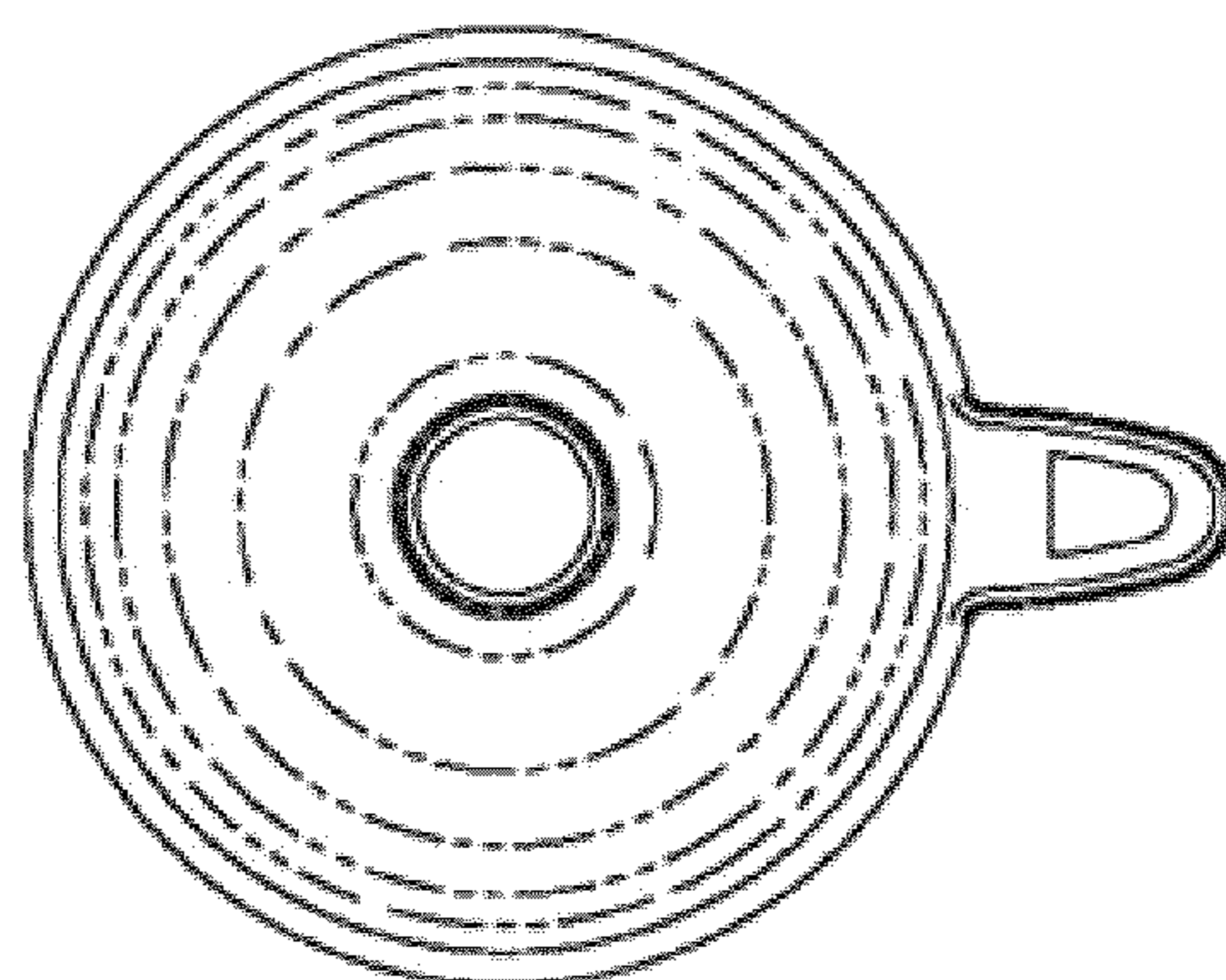


Fig. 16



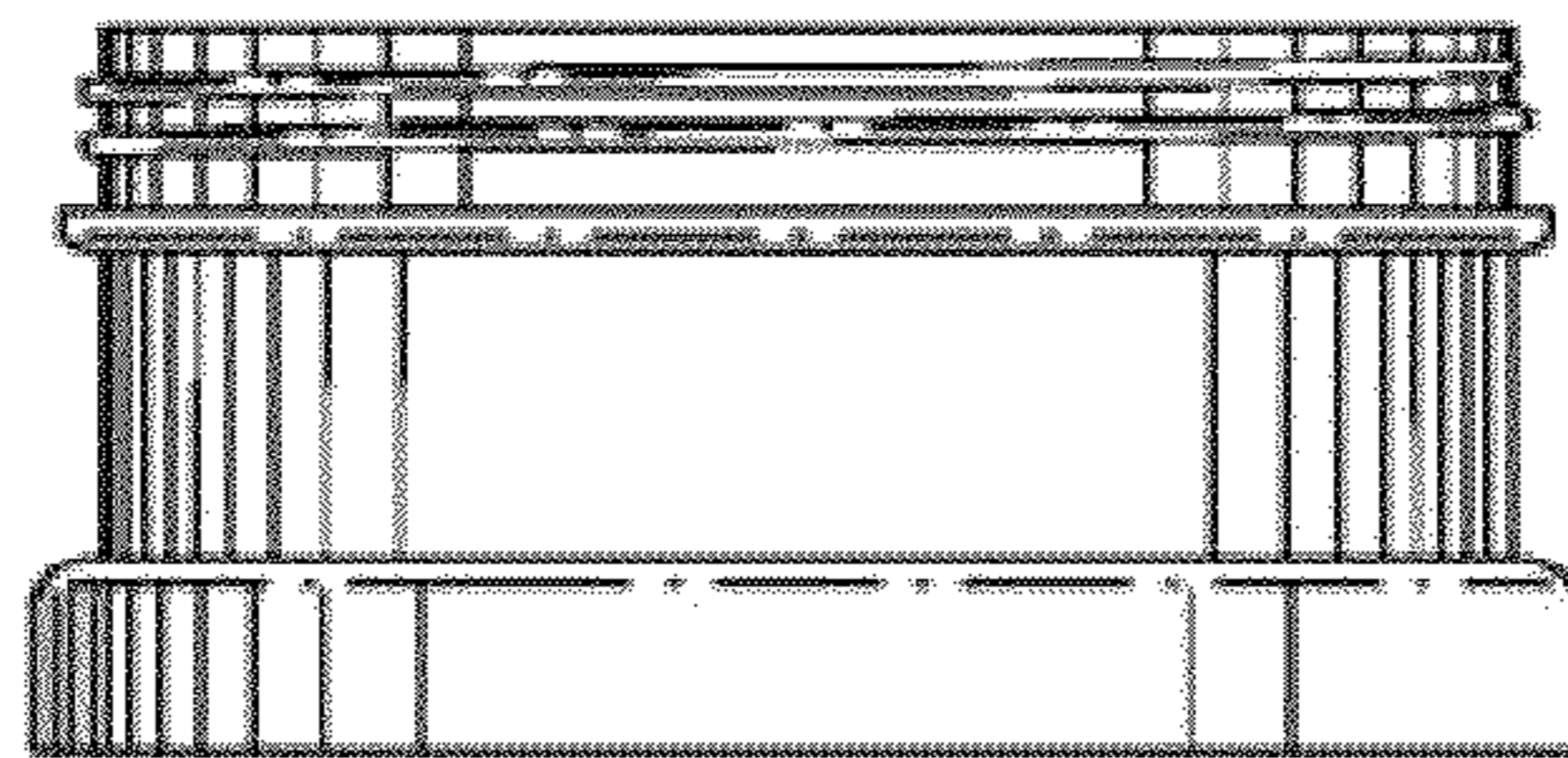


Fig. 17

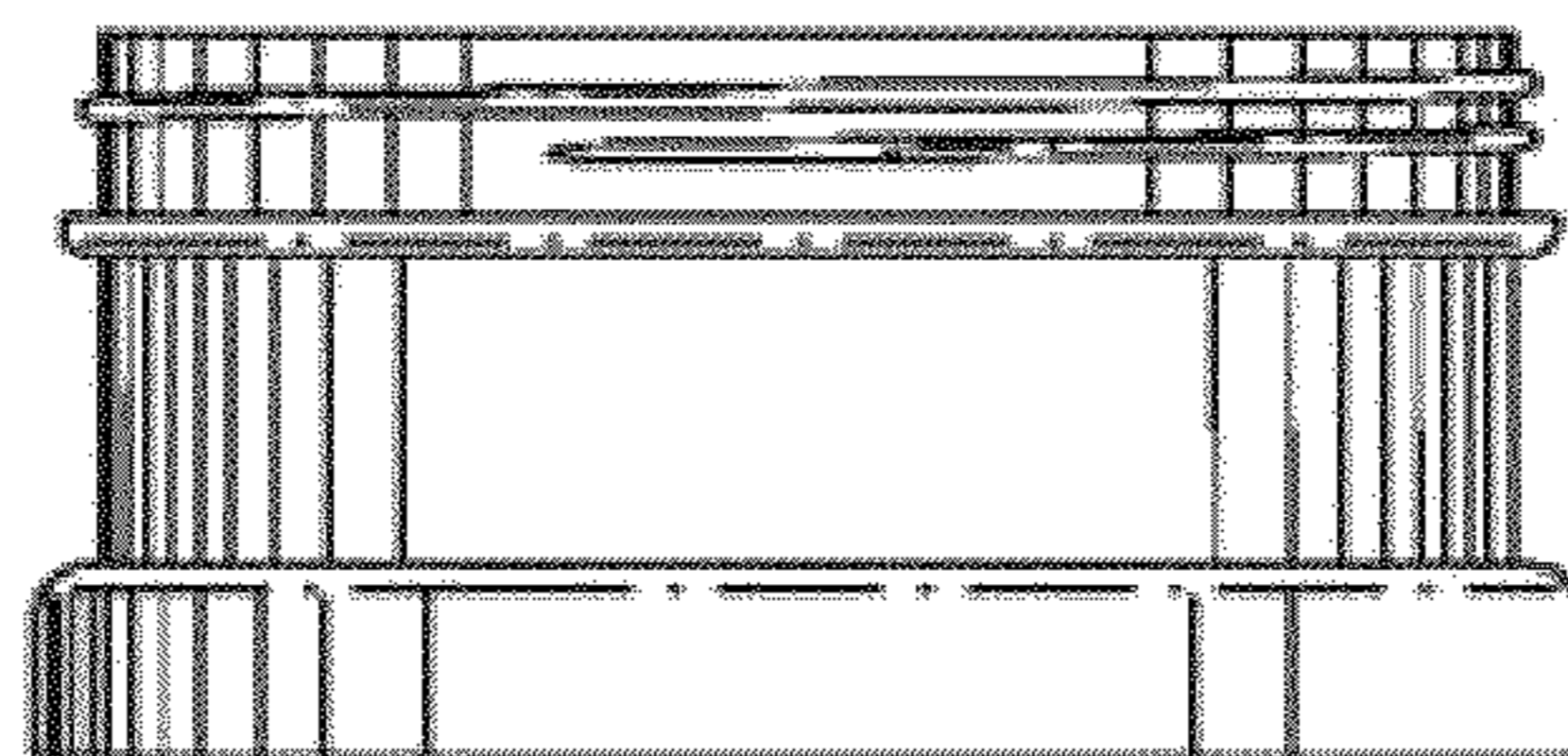


Fig. 18

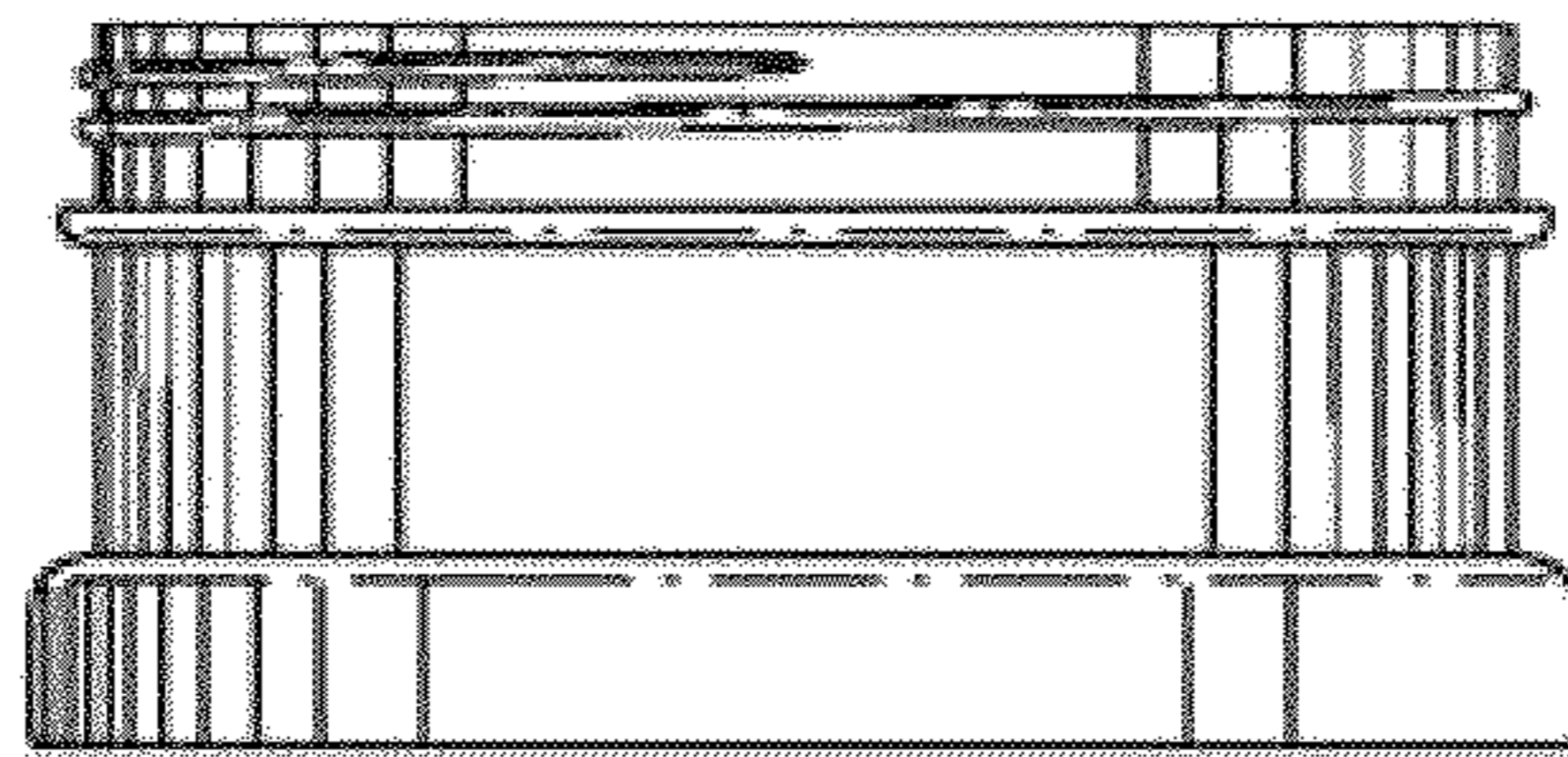


Fig. 19

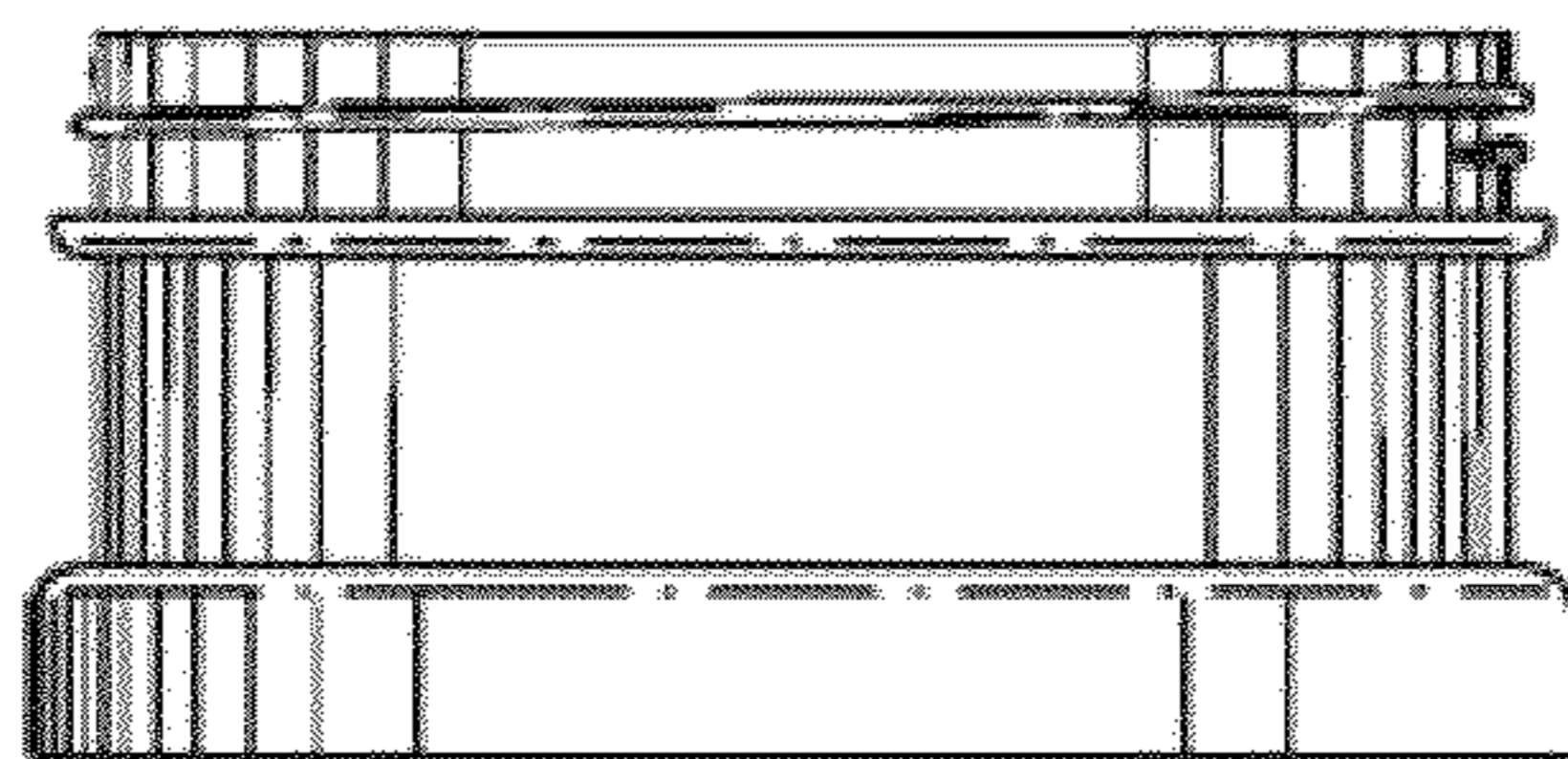


Fig. 20



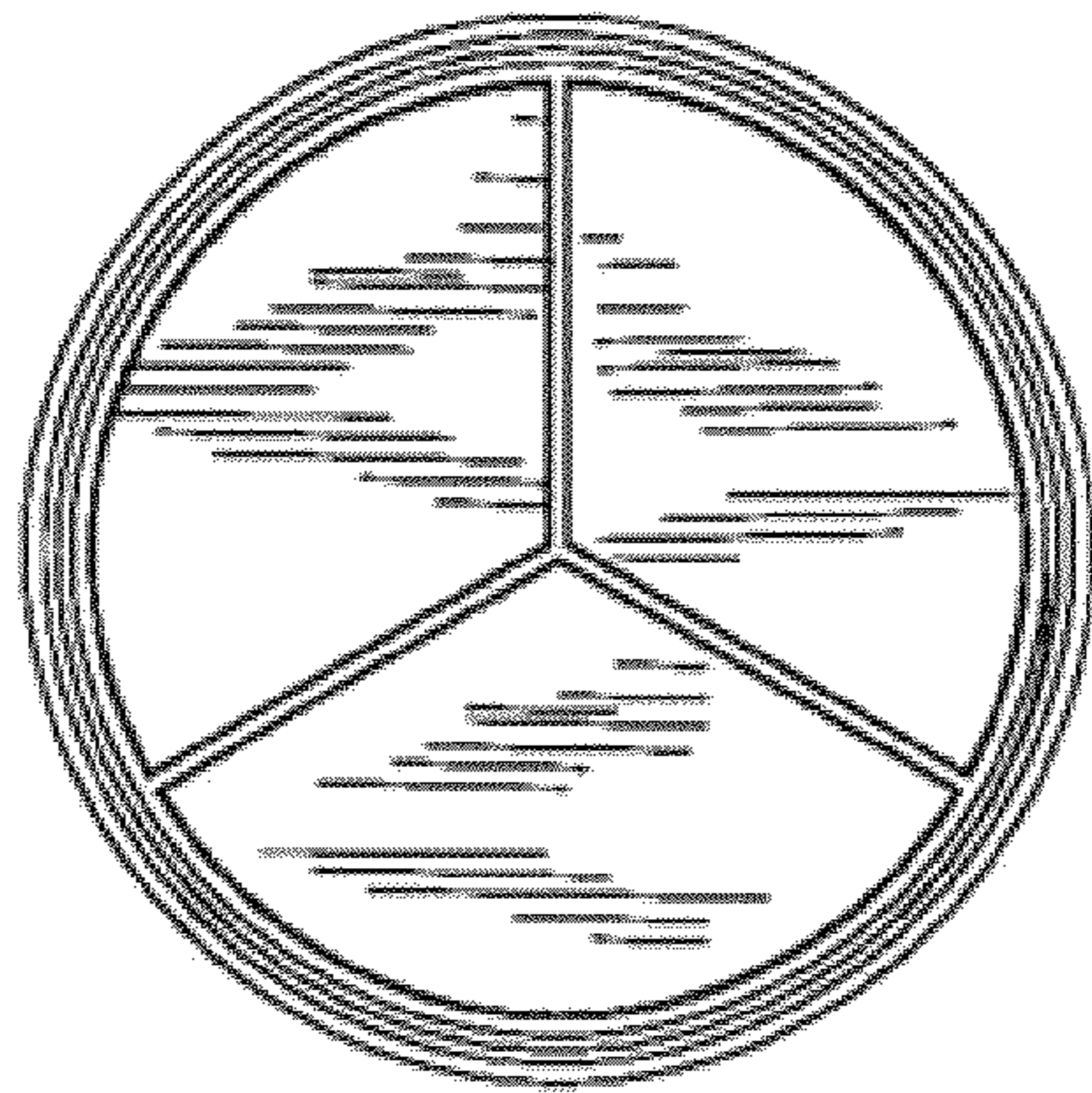


Fig. 21

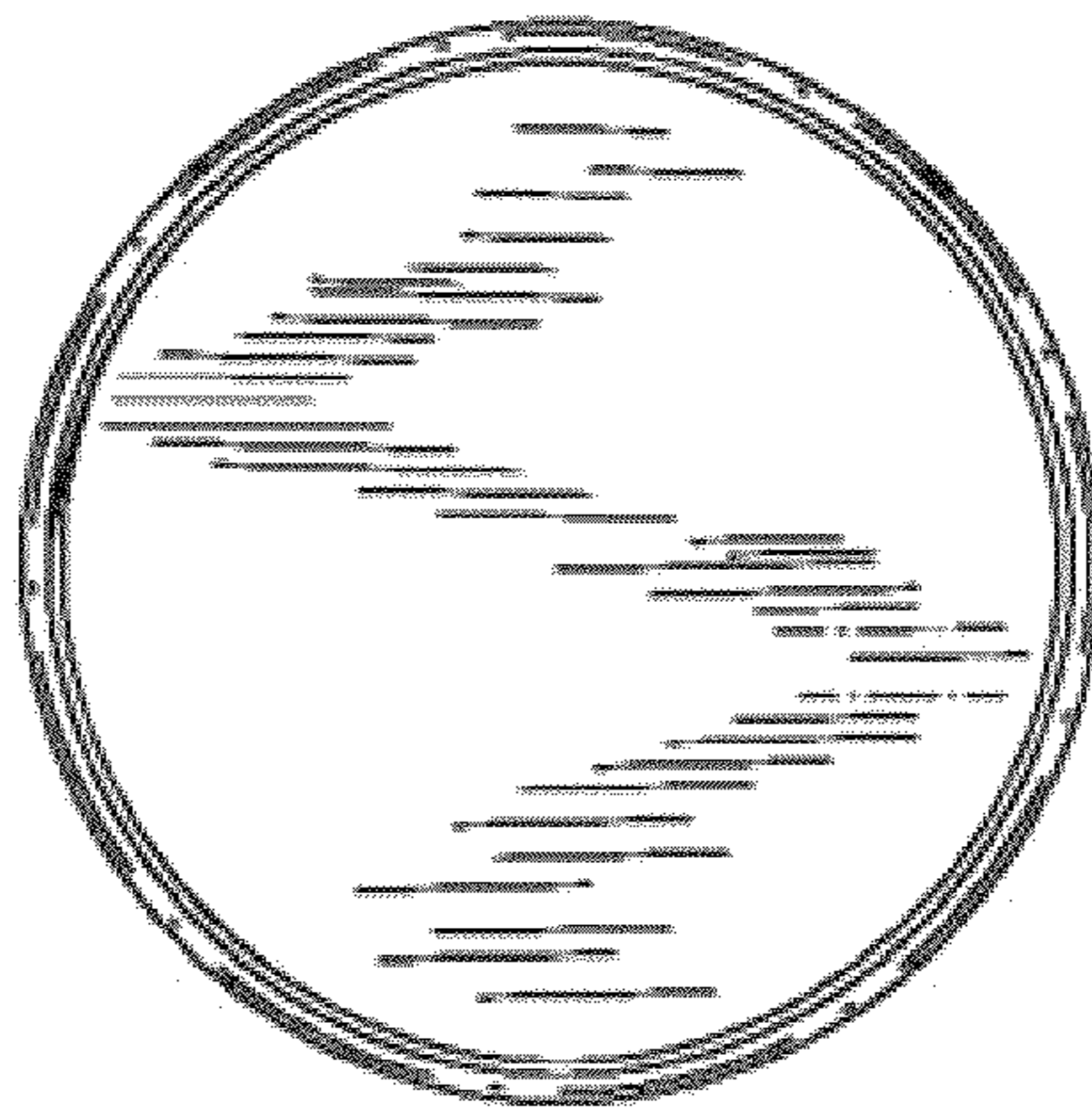


Fig. 22

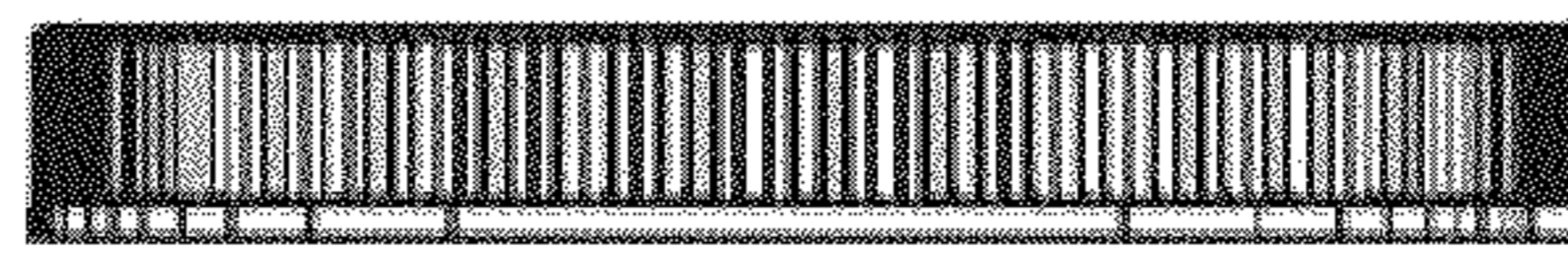


Fig. 23

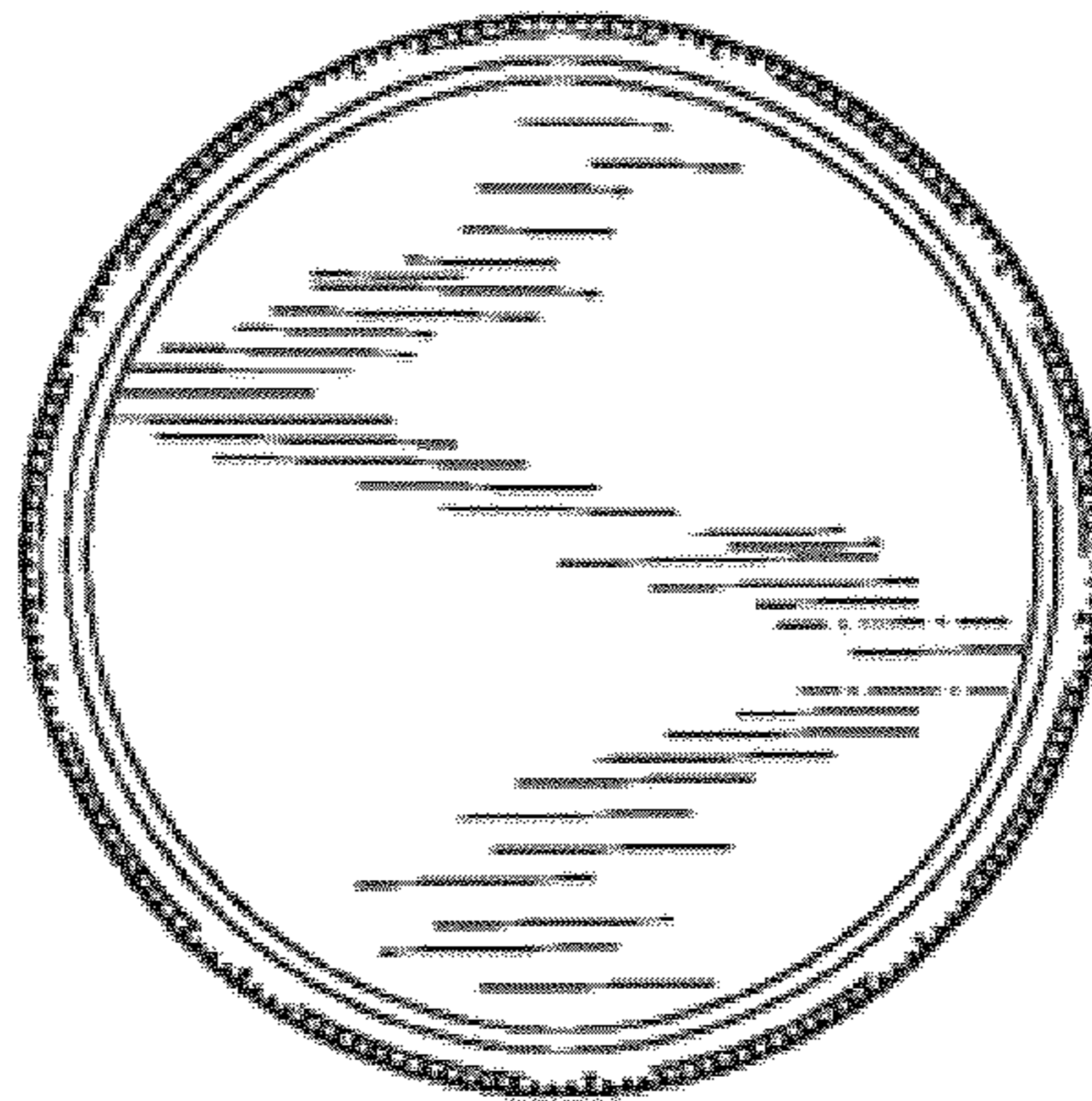


Fig. 24



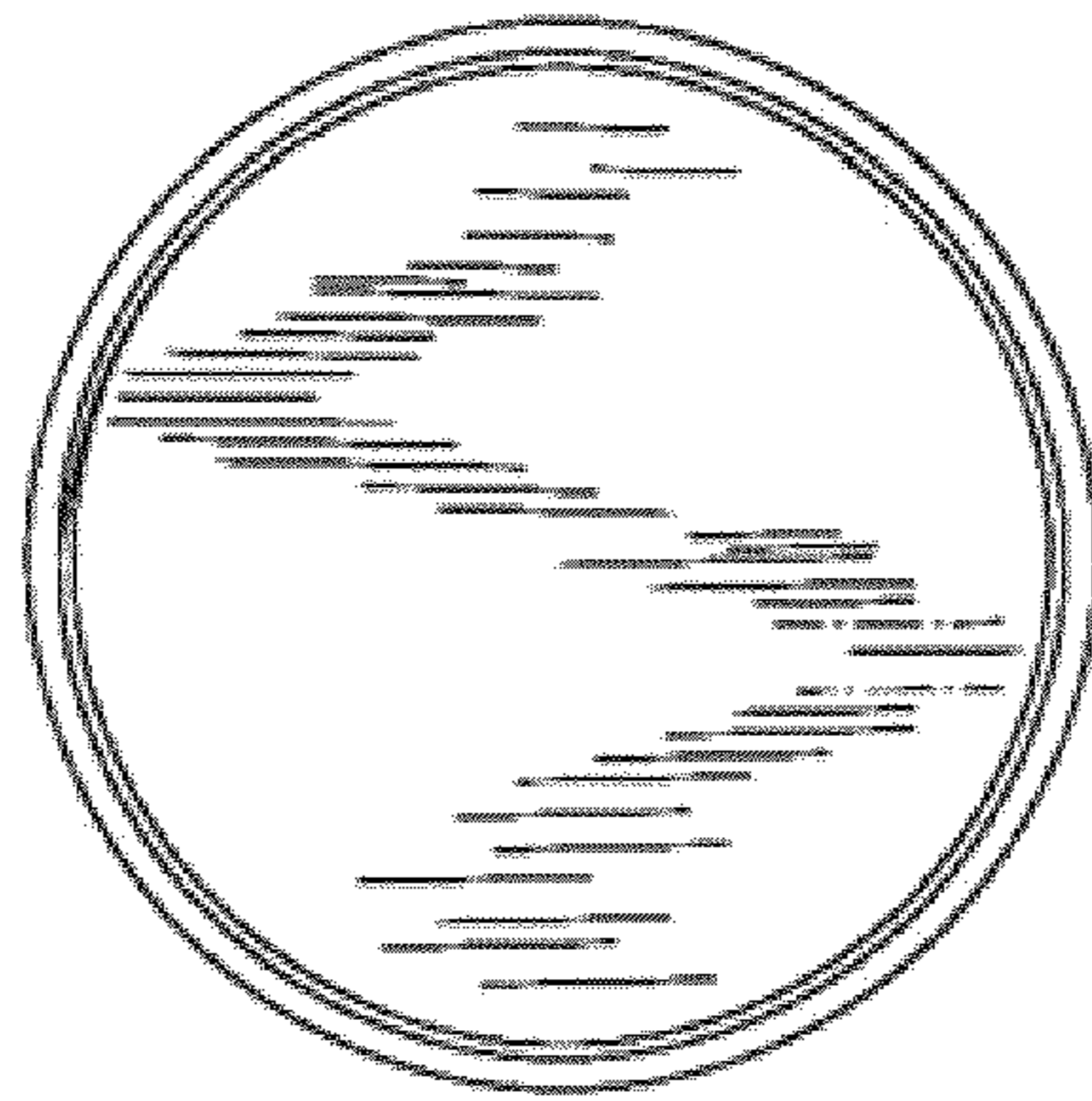


Fig. 25

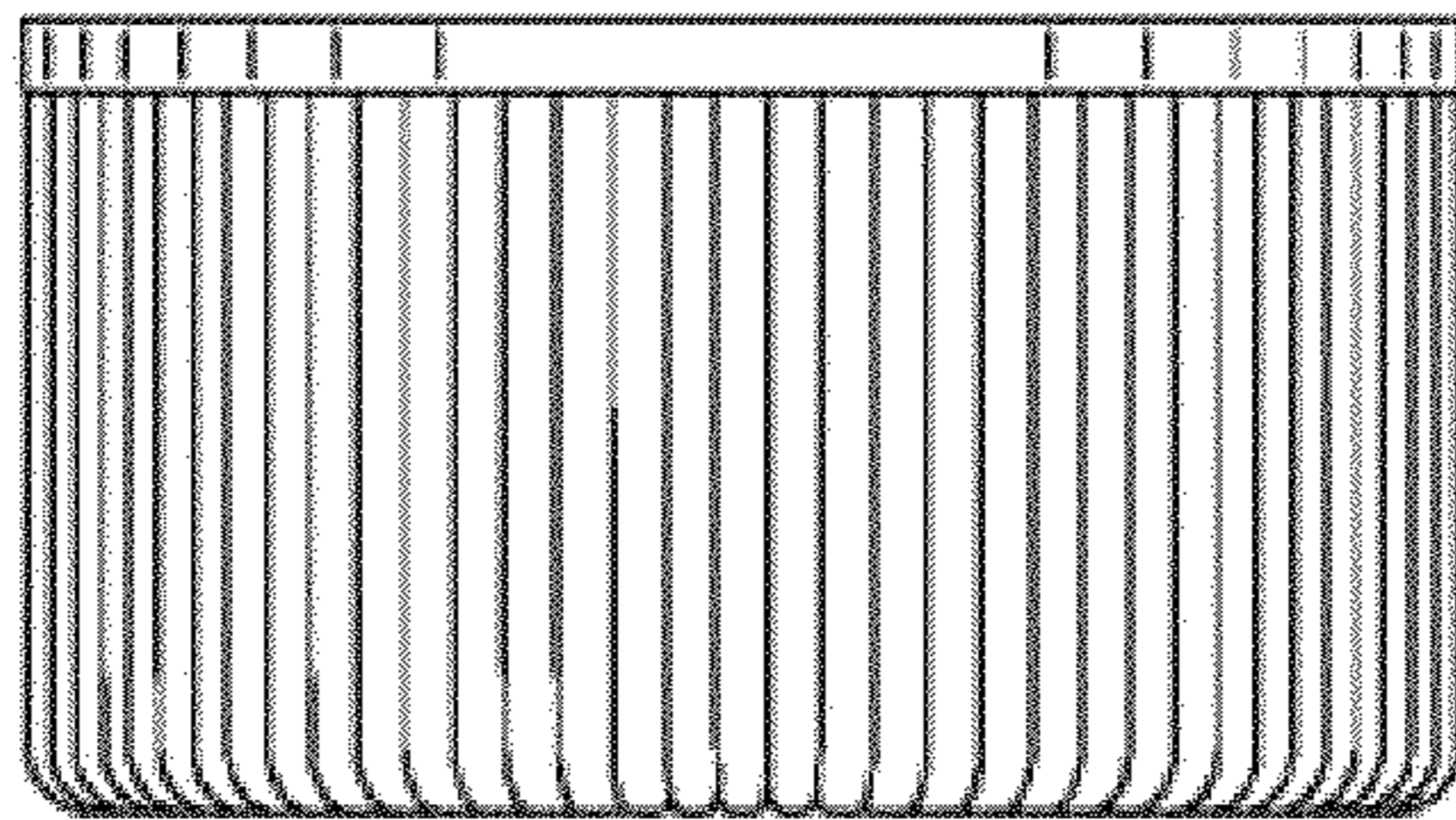


Fig. 26

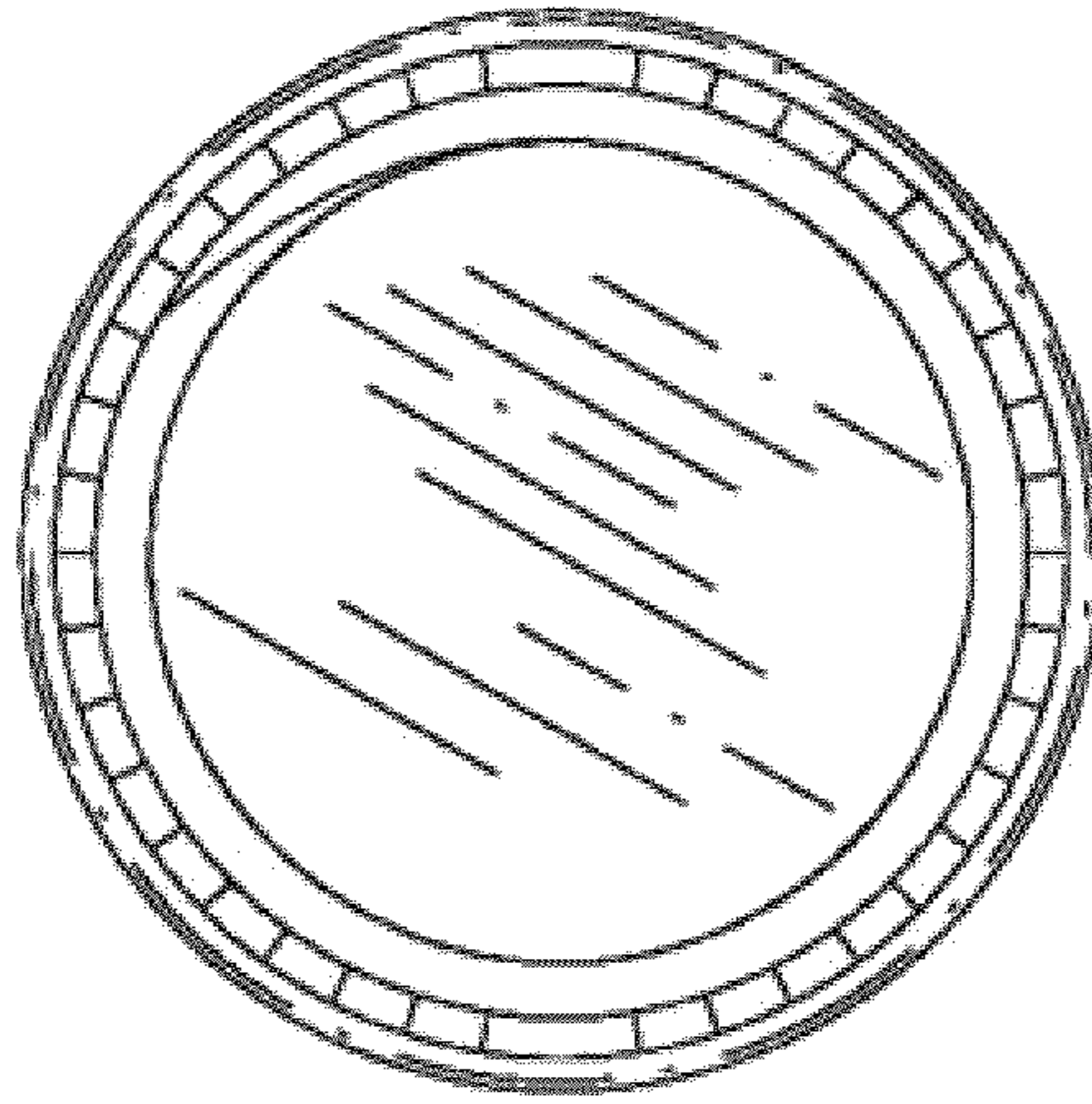


Fig. 27

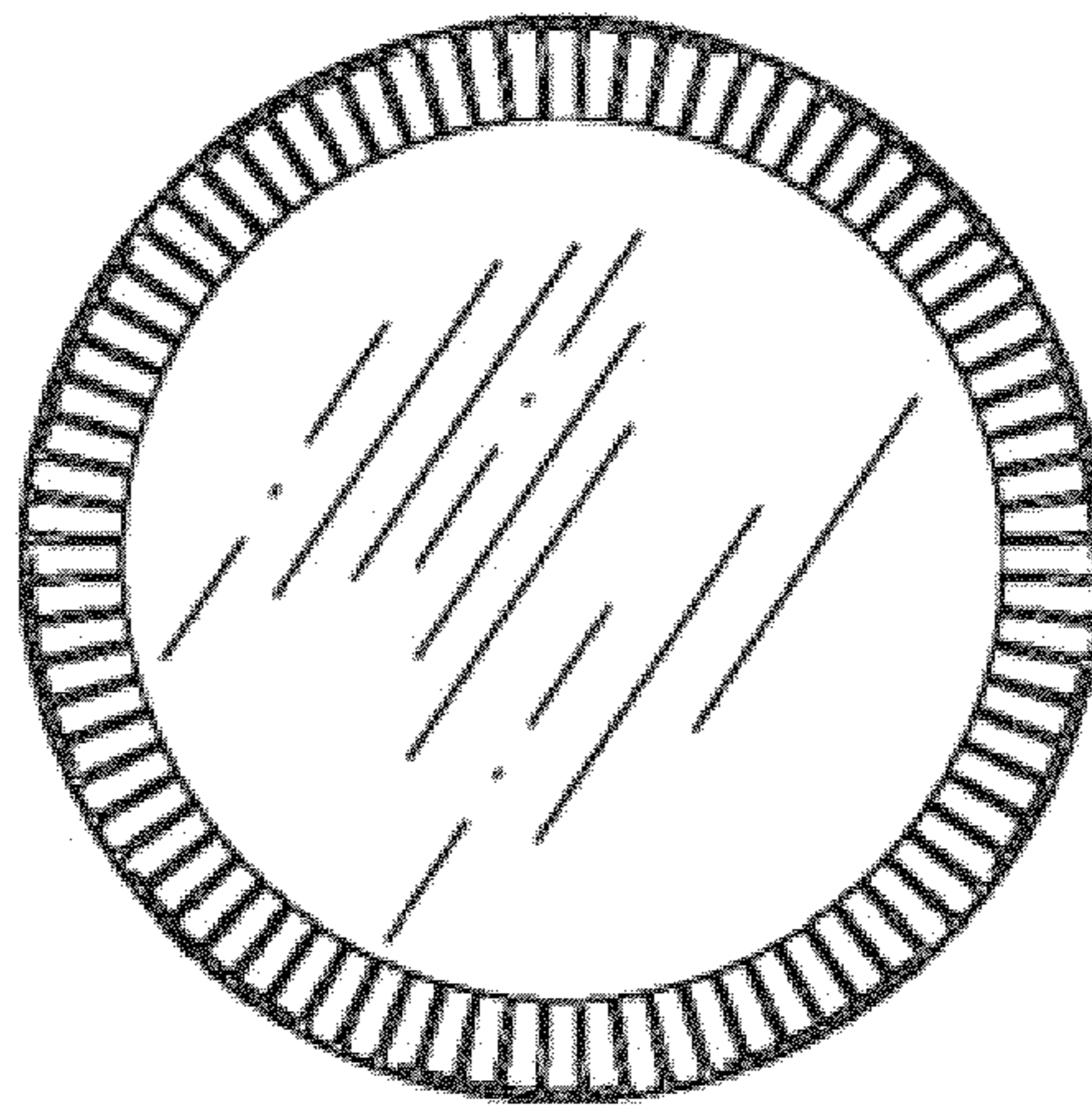


Fig. 28