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(12) **United States Design Patent**  
**Smith et al.**

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(54) **ADAPTOR SEAL**

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

(21) Appl. No.: **29/347,815**

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**Related U.S. Application Data**

(63) Continuation of application No. 29/347,038, filed on Sep. 1, 2009, now Pat. No. Des. 619,449, which is a continuation of application No. 29/309,420, filed on Aug. 14, 2008, now Pat. No. Des. 600,787, which is a continuation of application No. 29/257,448, filed on Apr. 5, 2006, now Pat. No. Des. 577,109.

(51) **LOC (9) Cl.** ..... **23-04**

(52) **U.S. Cl.** ..... **D23/358**

(58) **Field of Classification Search** ..... D8/382;  
D23/358, 365; D24/110; 248/311.2; 128/207.14,  
128/206.24, 200.13; 137/318; 285/197  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

2,999,562 A	9/1961	Lechtenberg
D191,806 S	11/1961	Lechtenberg
3,388,705 A	6/1968	Grosshandler
3,796,027 A	3/1974	Gumtow
3,959,891 A	6/1976	Burkall
3,982,532 A	9/1976	Halldin et al.
4,537,214 A	8/1985	Cowan
4,552,574 A	11/1985	Hotta
5,174,460 A	12/1992	Minnette
5,174,534 A	12/1992	Mitchell
D345,010 S	3/1994	Aronsson et al.
5,292,432 A	3/1994	Jainek et al.
5,349,946 A	9/1994	McComb

D356,863 S	3/1995	Skaarstad
5,617,849 A	4/1997	Springett et al.
5,640,937 A	6/1997	Slopsema
5,649,986 A	7/1997	Mueller
5,673,687 A	10/1997	Dobson et al.
5,715,815 A	2/1998	Lorenzen et al.

(Continued)

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(57) **CLAIM**

The ornamental design for an adaptor seal, as shown and described.

**DESCRIPTION**

FIG. 1 is a front perspective view of an adaptor seal for a humidifier/respiratory apparatus according to our design; and,

FIG. 2 is a left side view thereof, with the right side view thereof being a mirror image thereof.

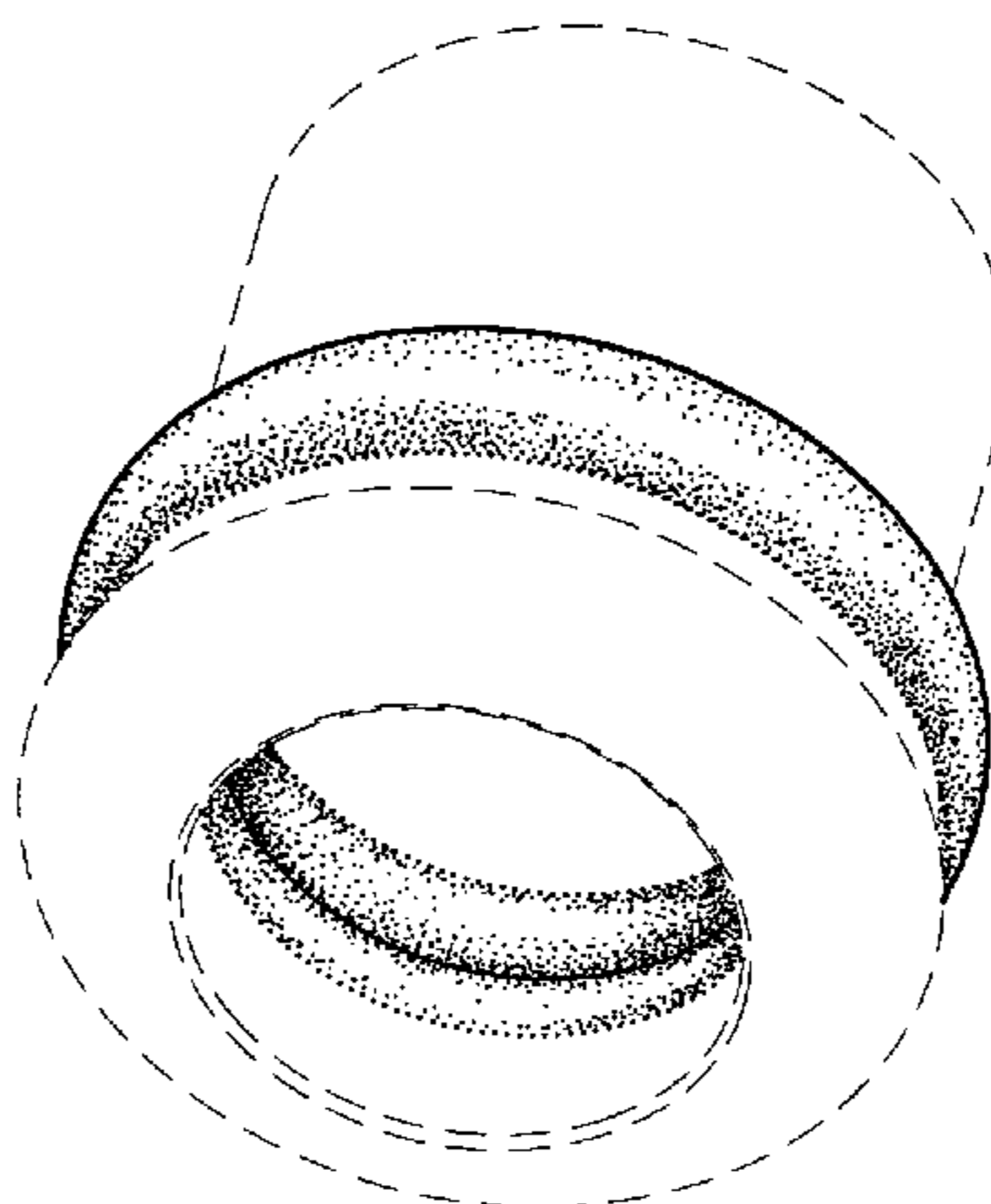
The top and bottom views are not shown because they are similar to FIG. 2, the only difference is that the top and bottom views would be rotated 90° clockwise and 90° counterclockwise, respectively, compared to FIG. 2.

Throughout the various figures of the drawings, certain views may not be provided. The omission of a particular view is intended to convey that the element(s) depicted is/are plain and unornamented in that omitted view, or that the particular ornamental appearance in that view is simply not claimed.

The broken lines showing environment or structure of the adaptor seal are for illustrative purposes only and form no part of the claimed design.

The dotted lines represent the border between claimed and unclaimed subject matter and do not form part of the claimed adaptor seal design.

**1 Claim, 1 Drawing Sheet**



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## U.S. PATENT DOCUMENTS

5,766,451 A	6/1998	Sparling	6,811,546 B1	11/2004	Callas et al.
D403,417 S	12/1998	Rakocy	D503,796 S	4/2005	Lithgow et al.
D416,319 S	11/1999	Rollins	7,025,799 B2	4/2006	Peterson
D421,298 S	2/2000	Kenyon	7,036,509 B2	5/2006	Rapacki et al.
D427,675 S	7/2000	Hansel	D550,349 S	9/2007	Lithgow et al.
D467,335 S	12/2002	Lithgow	D553,228 S	10/2007	Virr et al.
D468,011 S	12/2002	Lithgow et al.	D561,890 S	2/2008	Lithgow et al.
D474,266 S	5/2003	Rotter et al.	D565,160 S	3/2008	Virr et al.
D476,077 S	6/2003	Lithgow	D577,109 S	9/2008	Smith et al.
D487,311 S	3/2004	Lithgow et al.	D600,787 S	9/2009	Smith et al.
6,752,846 B2	6/2004	Rotter et al.	D611,593 S	3/2010	Lithgow et al.
D493,520 S	7/2004	Bertinetti et al.	D613,385 S	4/2010	Smith et al.
D493,884 S	8/2004	Virr et al.	2004/0065335 A1	4/2004	Huber et al.
			2005/0183406 A1	8/2005	Coburn

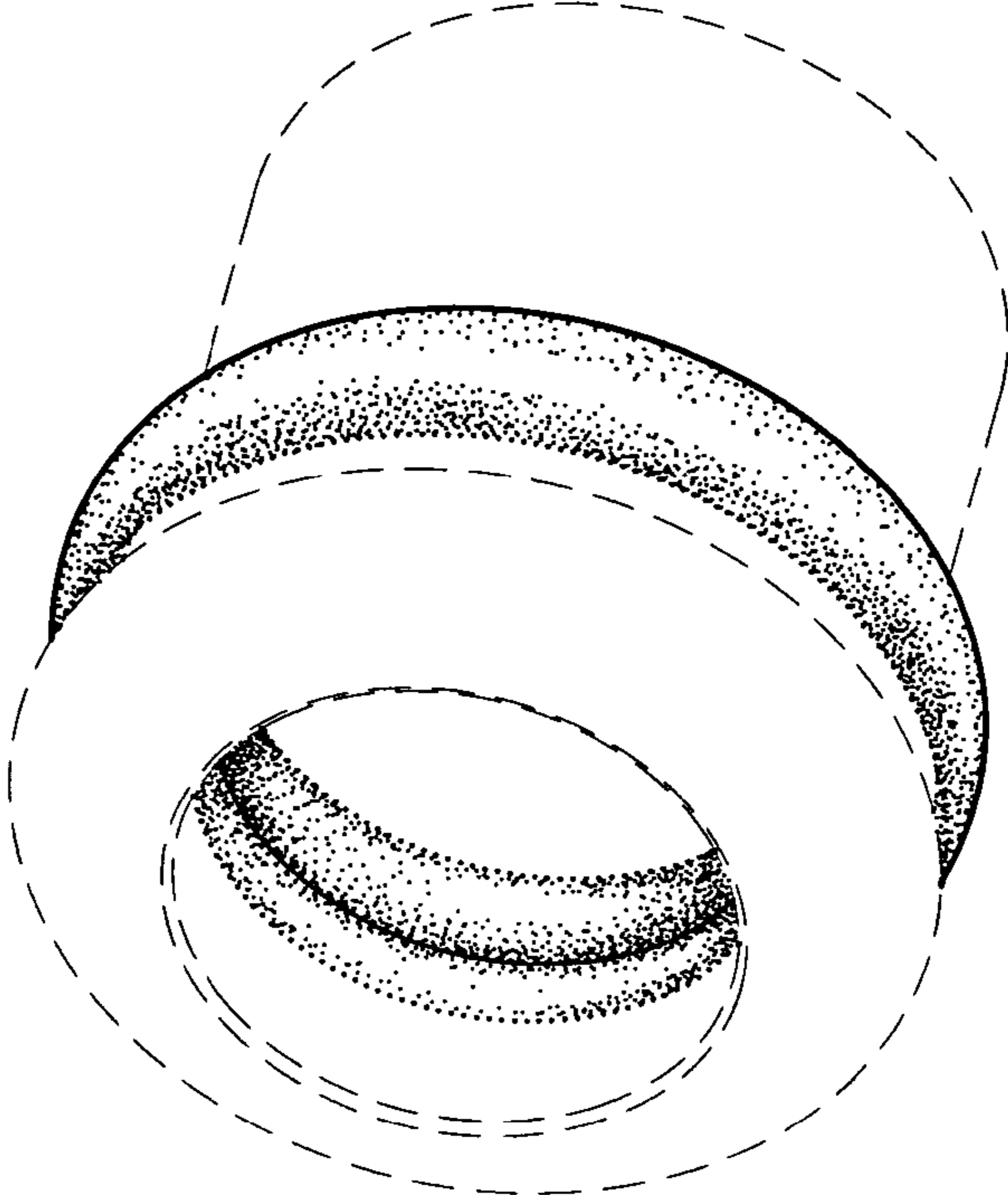


Fig. 1

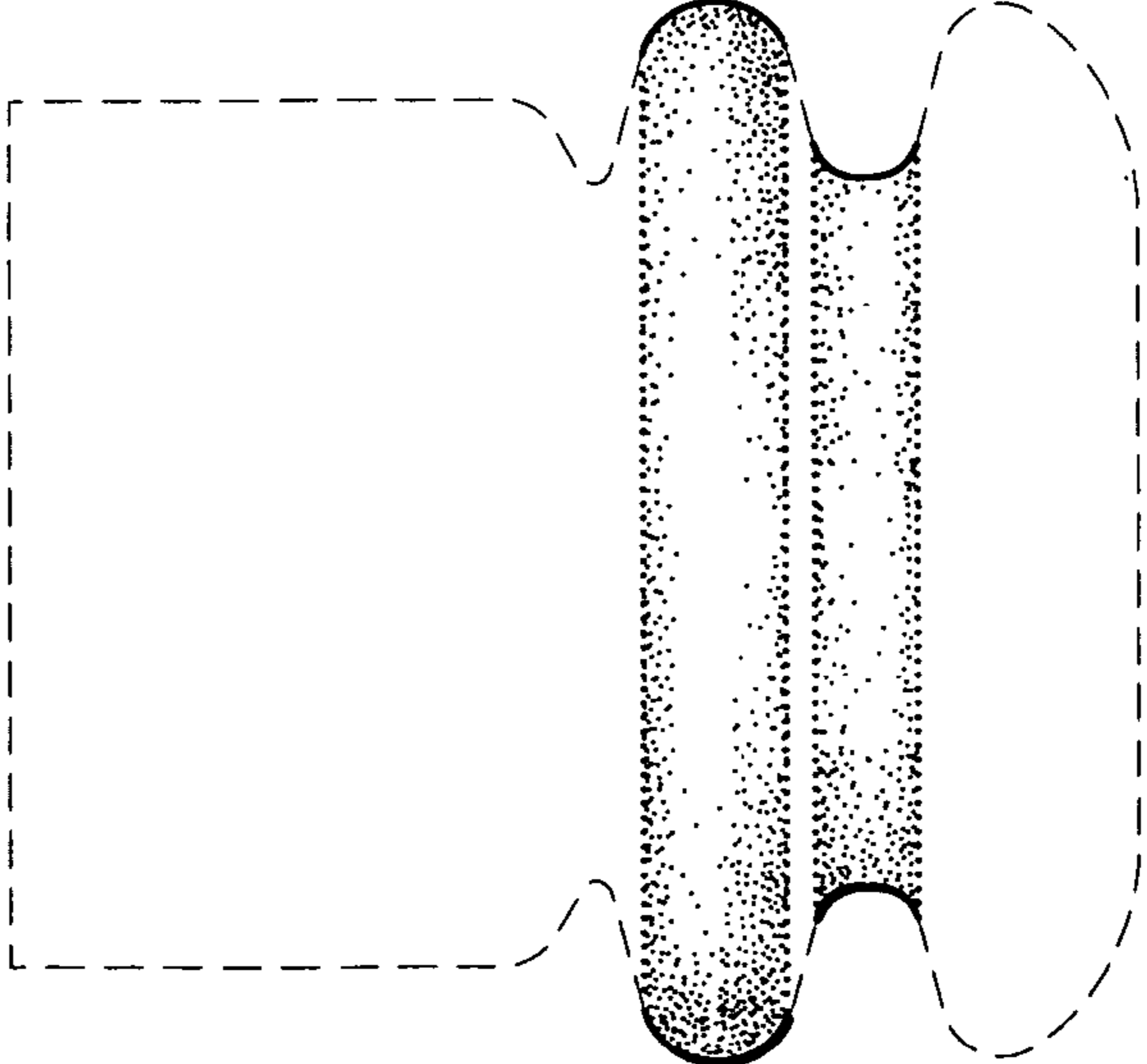


Fig. 2