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United States Patent [19]

[11] **Patent Number: Des. 401,175**

Bender et al.

[45] **Date of Patent: **Nov. 17, 1998**

[54] **OCCUPANCY SENSOR**

[75] Inventors: **R. Kurt Bender**, Dripping Springs, Tex.; **Willfred Goldschmidt**, Weston; **Justin F. Aiello**, Norwalk, both of Conn.

[73] Assignee: **Mytech Corporation**, Austin, Tex.

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

[21] Appl. No.: **68,019**

[22] Filed: **Mar. 17, 1997**

[51] **LOC (6) Cl. 10-05**

[52] **U.S. Cl. D10/104**

[58] **Field of Search D10/104, 106, D10116, 121; 340/540, 545, 571, 572, 573, 600, 613, 666, 693**

[56] **References Cited**

U.S. PATENT DOCUMENTS

D. 320,758	10/1991	Lutz et al.	D10/104
D. 339,078	9/1993	Behlke	D10/106
D. 377,460	1/1997	Nelson et al.	D10/106
D. 386,103	11/1997	Kawabata	D10/106
D. 388,352	12/1997	Repp et al.	D10/106
5,128,654	7/1992	Griffin et al.	340/567
5,142,199	8/1992	Elwell	315/154
5,221,919	6/1993	Hermans	340/567
5,258,899	11/1993	Chen et al.	362/395
5,281,961	1/1994	Elwell	340/825
5,282,118	1/1994	Lee	362/276
5,293,097	3/1994	Elwell	315/154

OTHER PUBLICATIONS

Novitas Brochure "Novitas™ Introduces The Two-Level Automatic Wall Switch For Maximum Convenience," Novitas, Inc., 1991.

Novitas Brochure "Model 01-110 Two-Way Room and Garage Sensor," ©Novitas, Inc., 1993.

Novitas Brochure "Model 01-100 One-Way Room Sensor," ©Novitas, Inc., 1993.

Novitas Brochure "Model 01-092 Corridor & Warehouse Sensor," ©Novitas, Inc. 1986, 1990.

Unenco® Brochure "Occupancy Sensor for Lighting and HVAC Controls," Universal Energy Control, Inc.

Unenco® Brochure "Occupancy Sensors for Lighting and HVAC Controls, Combo Dual Technology Sensor," Unenco®, 1994.

Unenco® Brochure "Occupancy Sensor for Lighting and HVAC Controls, Conserver™ Model C-500-800 and Model C-50-2000," Unenco®, 1994.

Unenco® Brochure "Occupancy Sensors for Lighting and HVAC Controls, Conserver™ PIR-500-P Series B and PIR-100 Series B Passive Infrared Ceiling-Mounted Sensors," Unenco®, 1994.

Unenco® Brochure "Occupancy Sensors for Lighting and HVAC Controls, Daylight Tracker™ Photoelectric Light Level Control," Unenco®, 1994.

Sensorswitch™ Brochure "No Known Equal," Sensor Switch, Inc.

The Watt Stopper® Brochure "Decorator Automatic Wall Switch," The Watt Stopper, Inc.

The Watt Stopper® Brochure "Passive Infrared Wall Switch," The Watt Stopper, Inc.

The Watt Stopper® Brochure "Passive Infrared Sensor," The Watt Stopper, Inc.

The Watt Stopper® Brochure "CI Passive Infrared Sensor," The Watt Stopper, Inc.

The Watt Stopper® Brochure "Ultrasonic Sensors," The Watt Stopper, Inc.

The Watt Stopper® Brochure "Dual Technology Sensor," The Watt Stopper, Inc.

The Watt Stopper® Brochure "LightSaver Controller," The Watt Stopper, Inc.

Primary Examiner—Marcus A. Jackson

Attorney, Agent, or Firm—Arnold, White & Durkee

[57] **CLAIM**

The design for an occupancy sensor, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of the bottom, front and right sides of a first embodiment of the occupancy sensor showing the new and ornamental design;

FIG. 2 is a perspective view of the bottom, back and left sides of the occupancy sensor of FIG. 1;

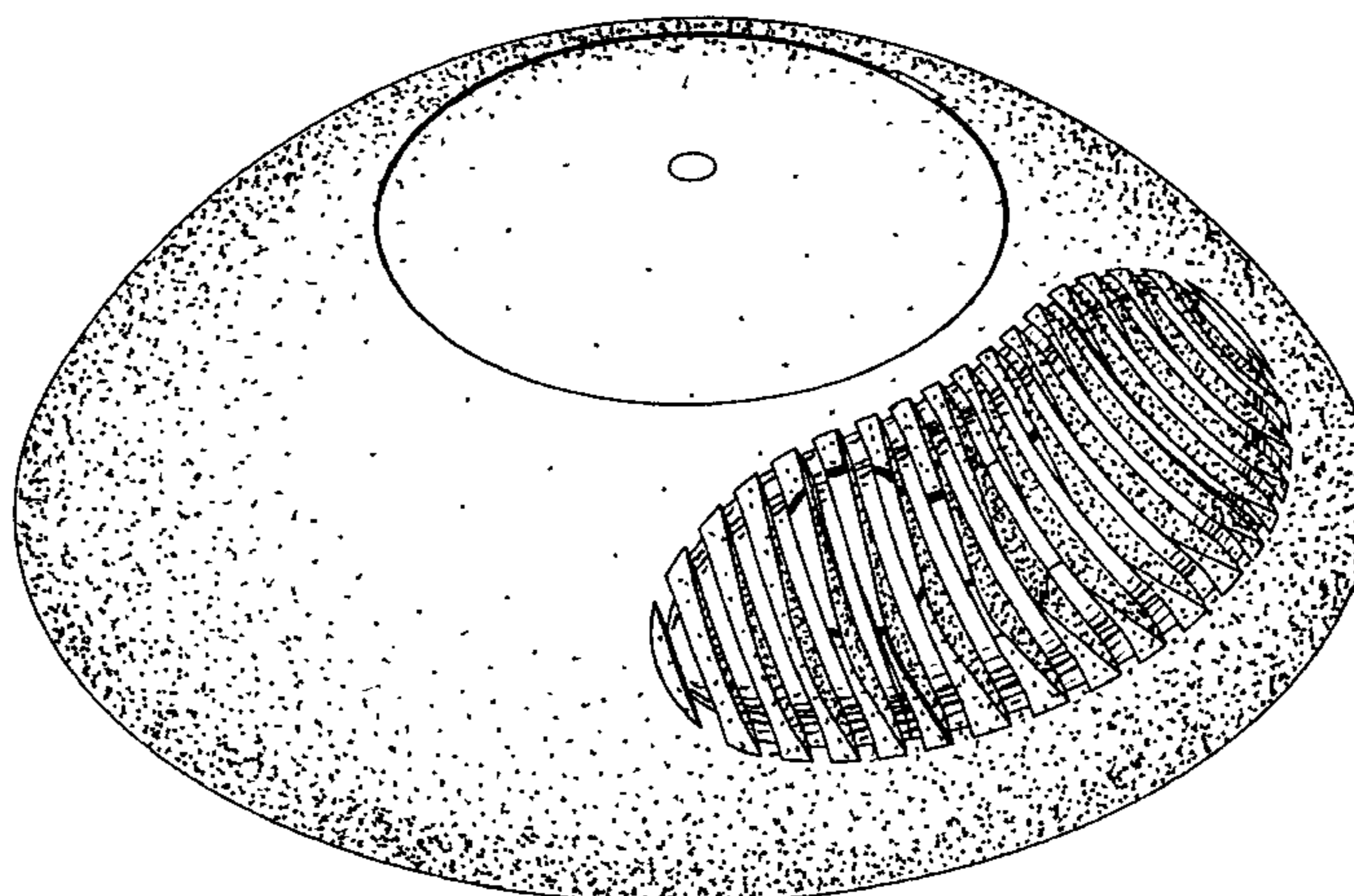


FIG. 3 is a perspective view of the bottom, front and right sides of a second embodiment of the occupancy sensor showing the new and ornamental design;

FIG. 4 is a perspective view of the bottom, back and left sides of the occupancy sensor of FIG. 3;

FIG. 5 is a perspective view of the bottom, front and right sides of a third embodiment of the occupancy sensor showing the new and ornamental design;

FIG. 6 is a perspective view of the bottom, back and left sides of the occupancy sensor of FIG. 5;

FIG. 7 is a perspective view of the bottom, front and right sides of a fourth embodiment of the occupancy sensor showing the new and ornamental design;

FIG. 8 is a perspective view of the bottom, back and left sides of the occupancy sensor of FIG. 7;

FIG. 9 is a perspective view of the bottom, front and right sides of a fifth embodiment of the occupancy sensor showing the new and ornamental design; and,

FIG. 10 is a perspective view of the bottom, back and left sides of the occupancy sensor of FIG. 9.

The bottom of the claimed design is unornamented.

1 Claim, 5 Drawing Sheets

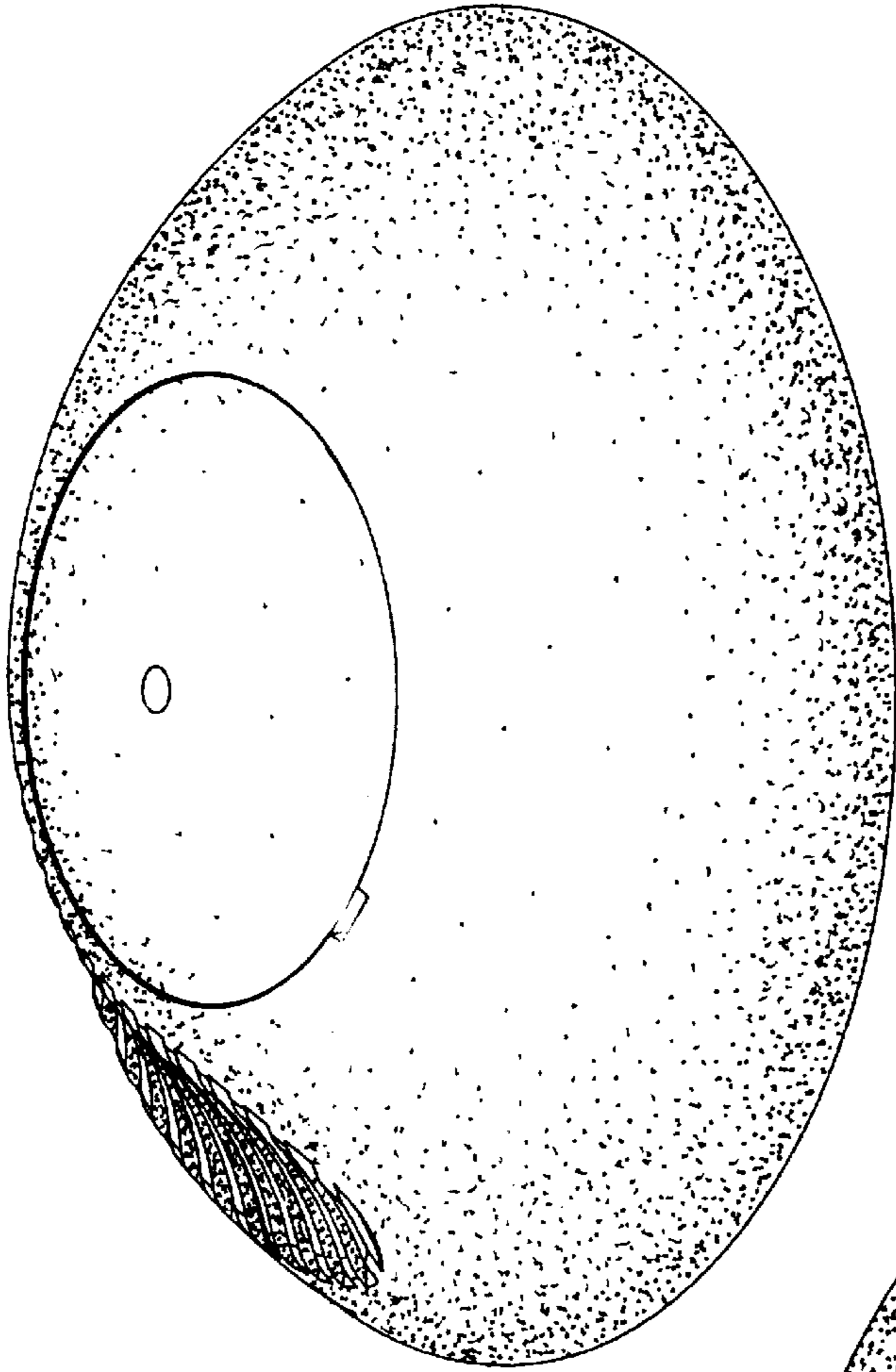


Fig. 1

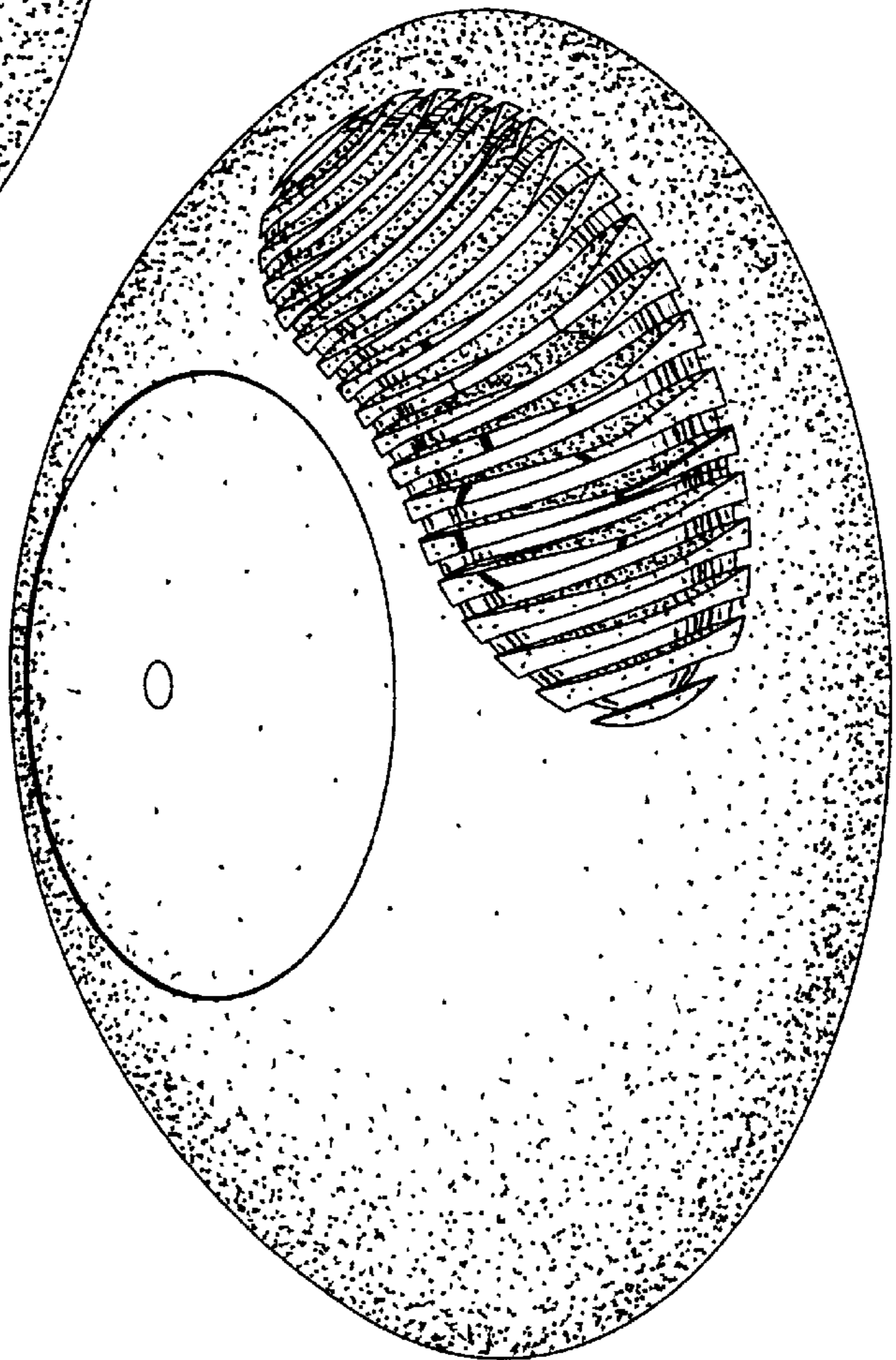


Fig. 2

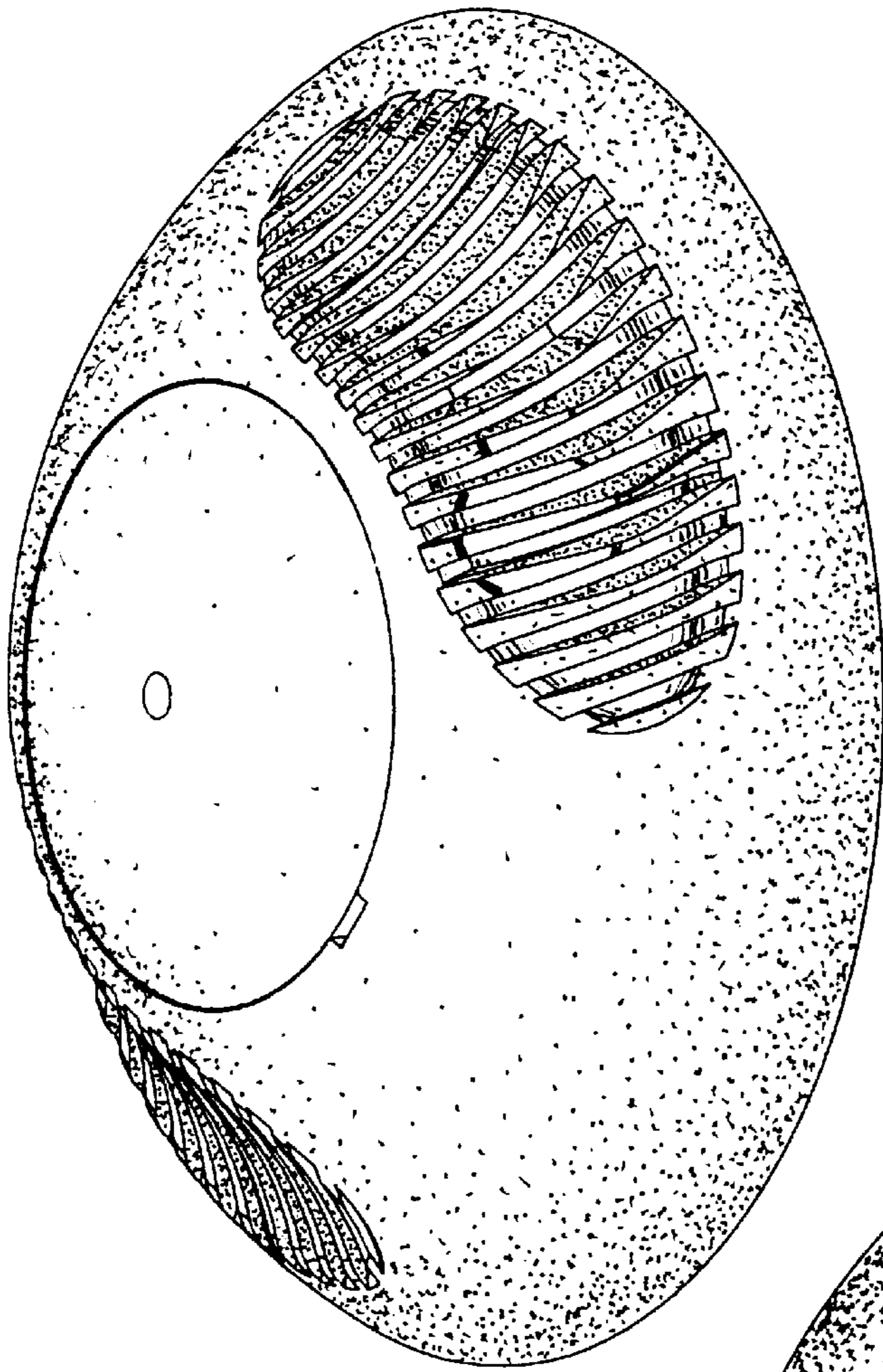


Fig. 3

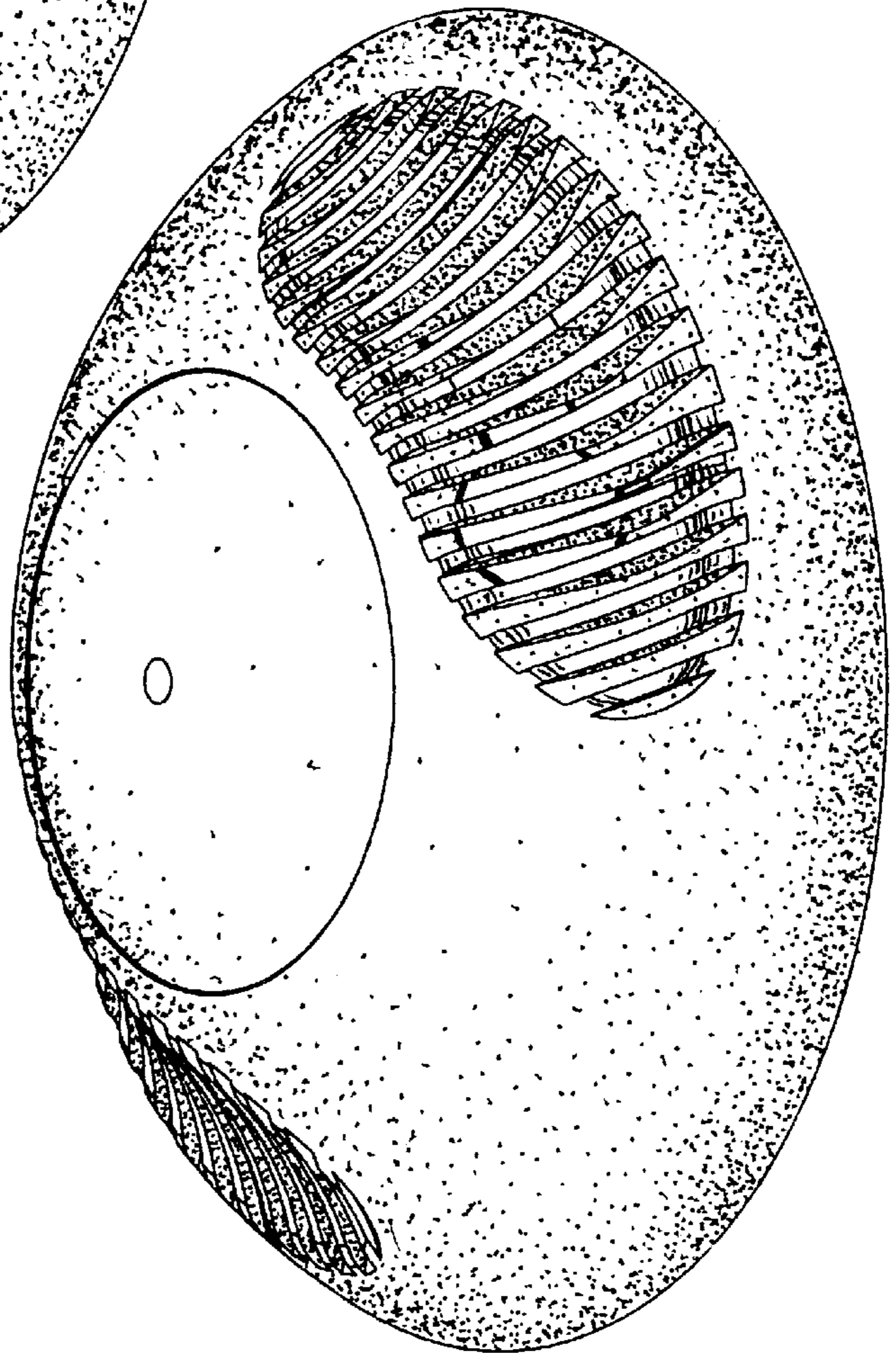


Fig. 4

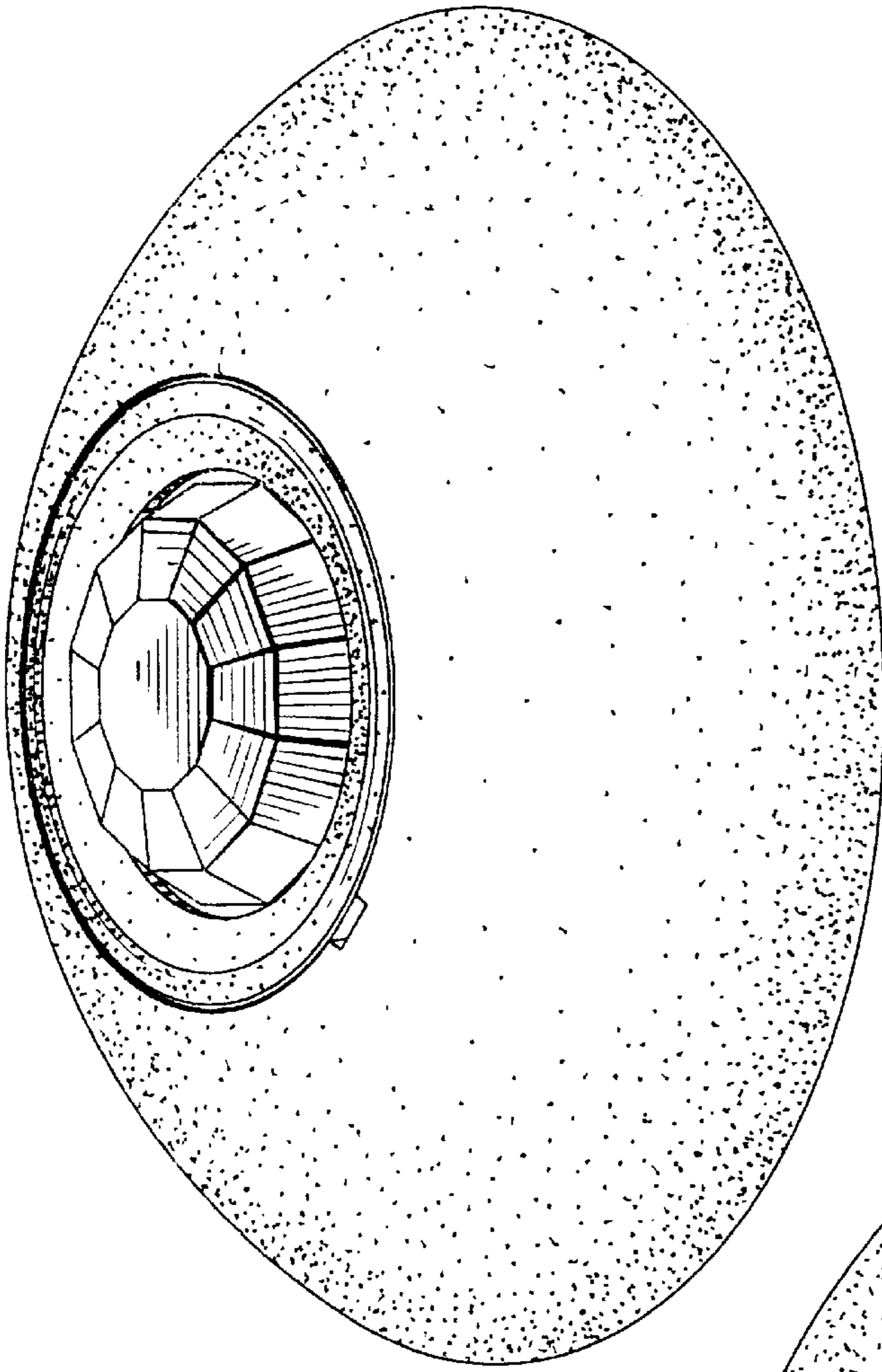


Fig. 5

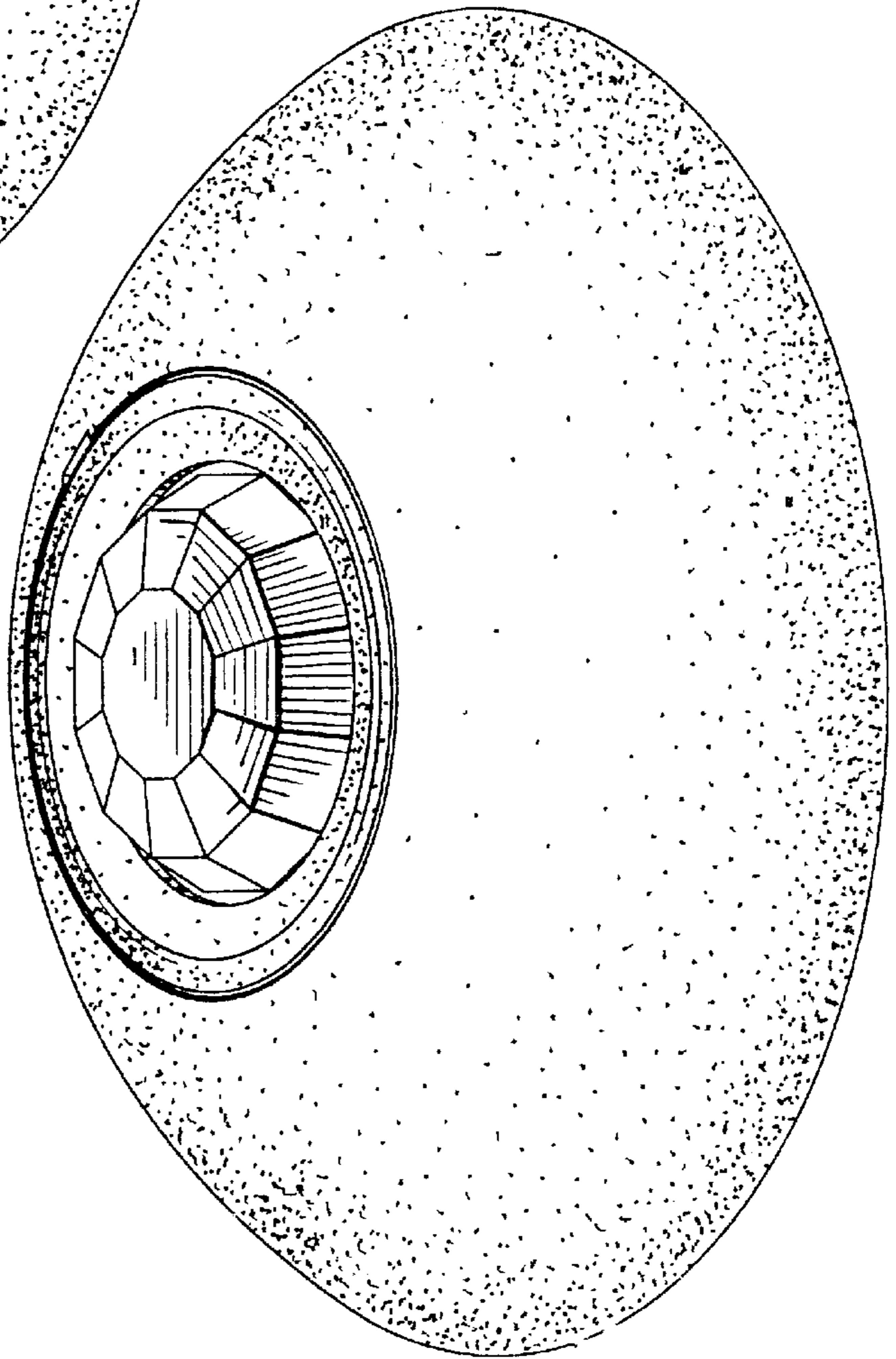


Fig. 6

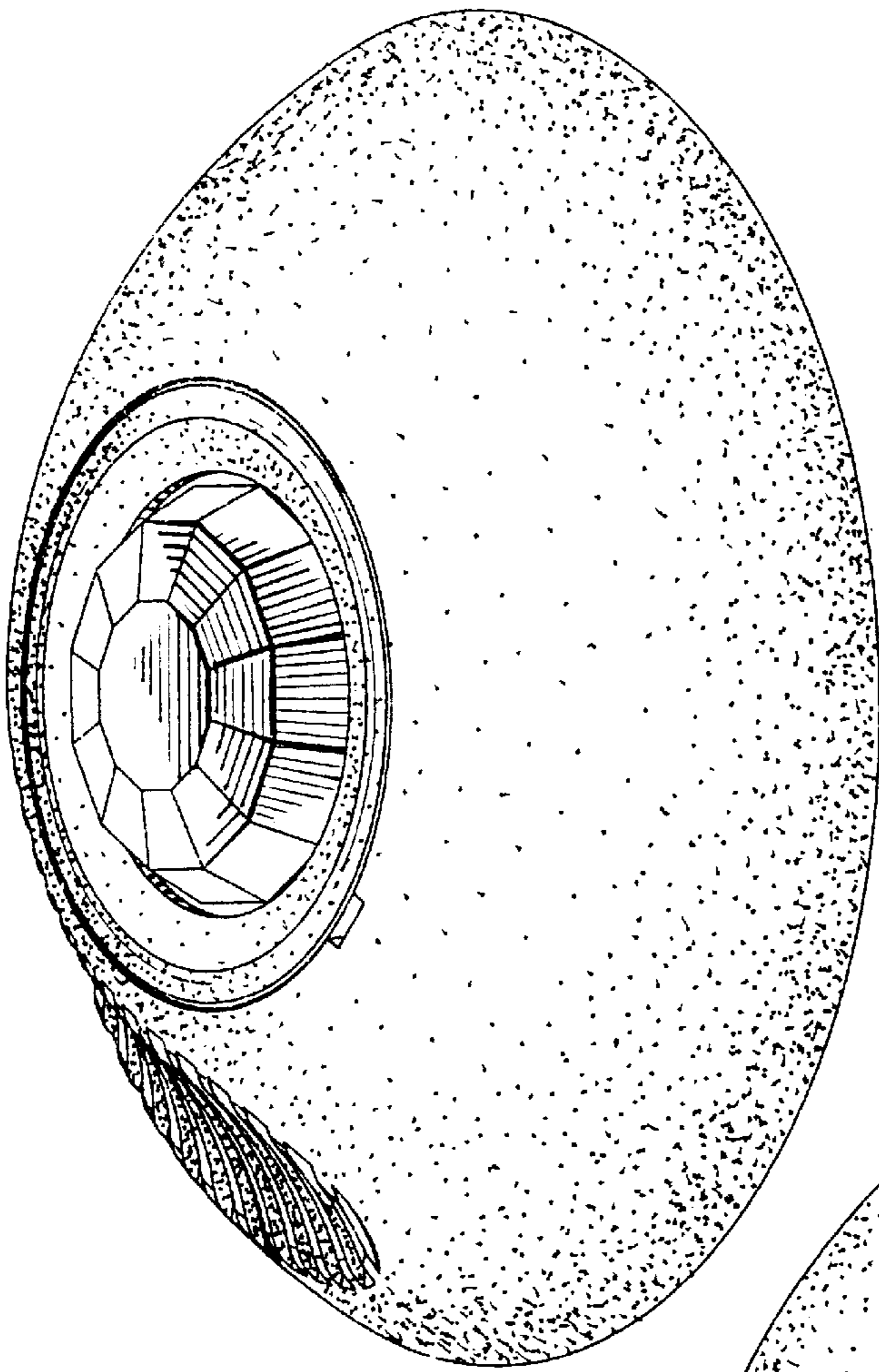


Fig. 7

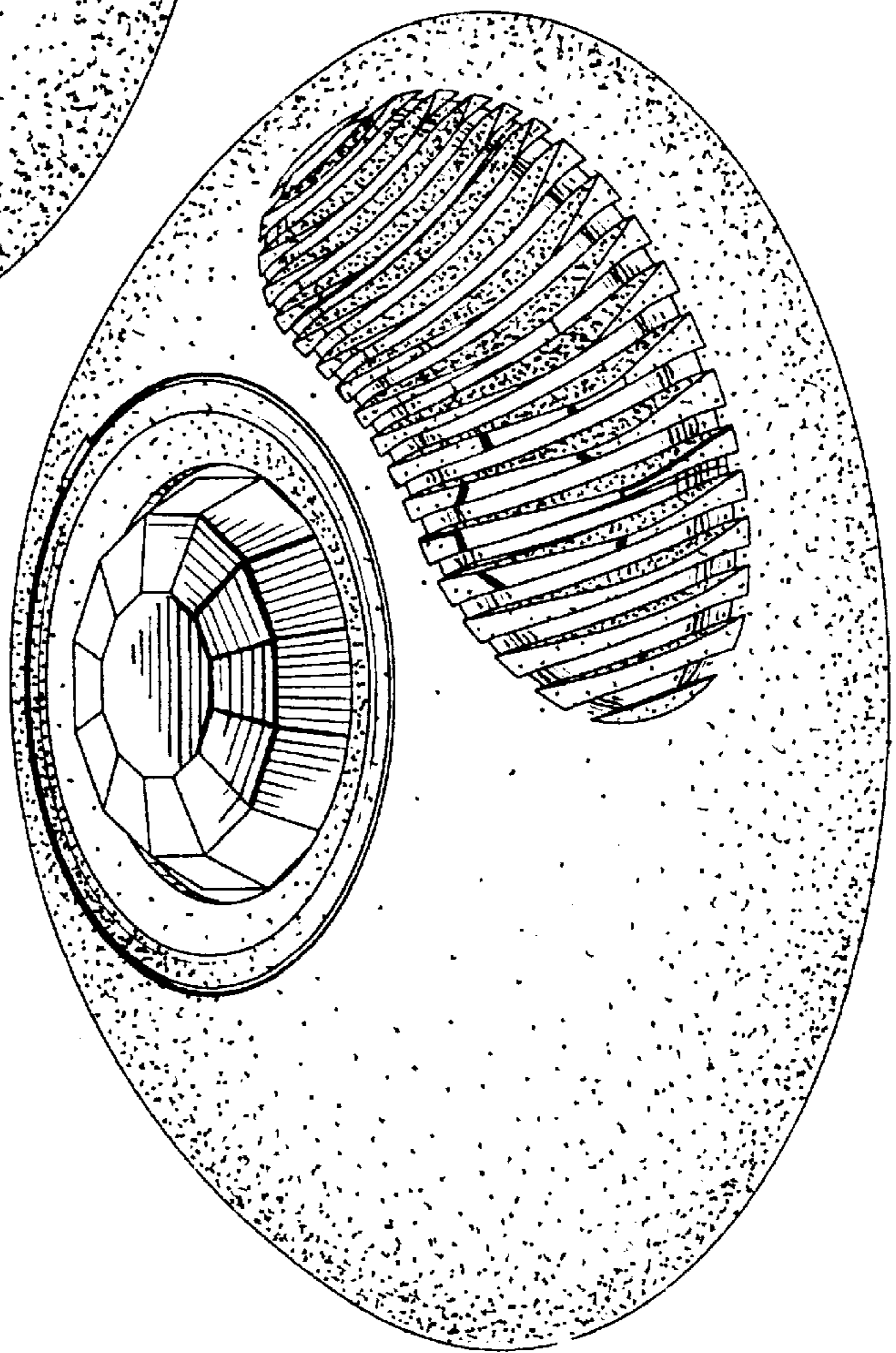


Fig. 8

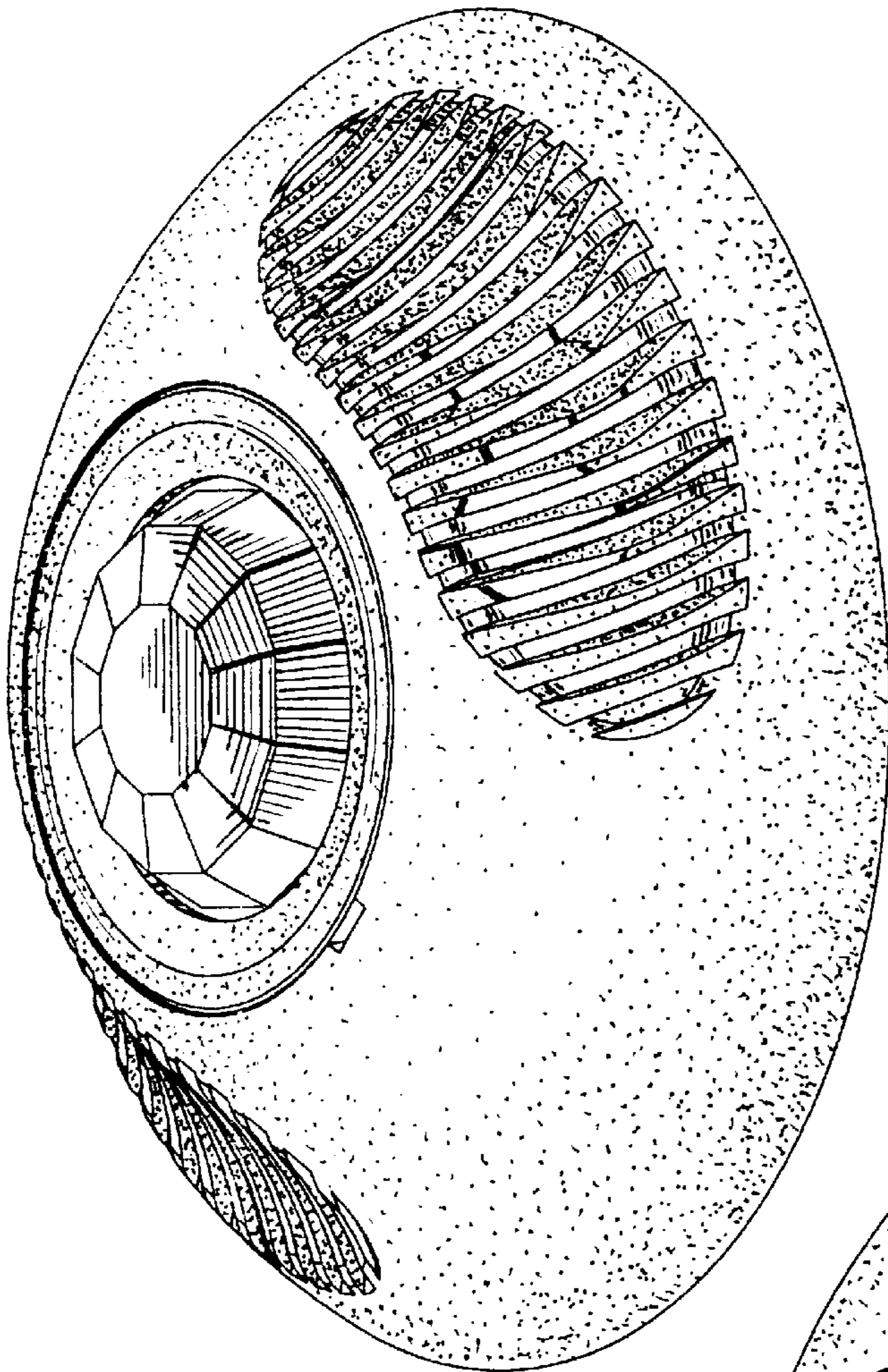


Fig. 9

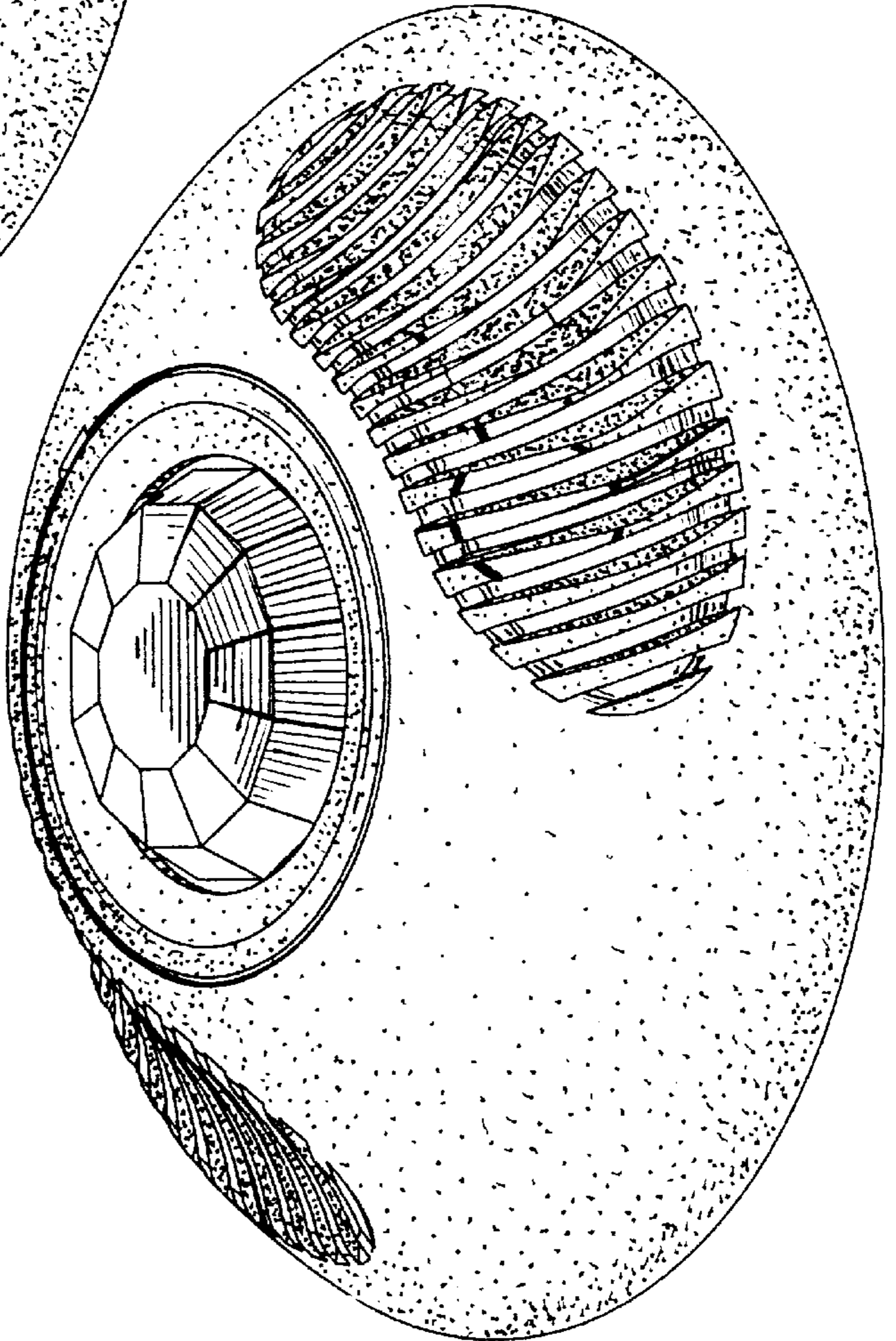


Fig. 10

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : D401,175

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DATED : November 17, 1998

INVENTOR(S) : R. Kurt Bender, et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the Figures, delete Figures 5-10.

In the Description: page 2, delete:

"FIG. 5 is a perspective view of the bottom, front and right sides of a third embodiment of the OCCUPANCY SENSOR showing the new and ornamental design.

FIG. 6 is a perspective view of the bottom, back and left sides of the OCCUPANCY SENSOR of FIG. 5.

FIG. 7 is a perspective view of the bottom, front and right sides of a fourth embodiment of the OCCUPANCY SENSOR showing the new and ornamental design.

FIG. 8 is a perspective view of the bottom, back and left sides of the OCCUPANCY SENSOR of FIG. 7.

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Page 2 of 2

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

FIG. 9 is a perspective view of the bottom, front and right sides of a fifth embodiment of the OCCUPANCY SENSOR showing the new and ornamental design.

FIG. 10 is a perspective view of the bottom, back and left sides of the OCCUPANCY SENSOR of FIG. 9."

Signed and Sealed this
Fifteenth Day of May, 2001



NICHOLAS P. GODICI

Attest:

Attesting Officer

Acting Director of the United States Patent and Trademark Office