



US00D816641S

(12) **United States Design Patent** (10) **Patent No.:** **US D816,641 S**  
**Courtney et al.** (45) **Date of Patent:** **\*\* May 1, 2018**

(54) **ILLUMINATED ANTENNA COVER**

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(\*\*) Term: **15 Years**

(21) Appl. No.: **29/544,117**

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(51) **LOC (11) Cl.** ..... **14-03**

(52) **U.S. Cl.**  
USPC ..... **D14/230**

(58) **Field of Classification Search**  
USPC ..... D14/138, 230–238.1, 299, 358;  
D12/42–43, 345, 400; D13/182; D8/396;  
(Continued)

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D41,502 S \* 6/1911 Becker ..... D5/57  
D69,295 S \* 1/1926 Vandergaw et al. .... D5/57  
(Continued)

**OTHER PUBLICATIONS**

2015 Taylor swift(1989)Bad blood music concert decorations led  
glow stick, posted on YouTube, posted Jul. 23, 2015, [online], [site  
visited Jun. 22, 2017]. Available from Internet, <URL: <https://www.youtube.com/watch?v=0gXxbmzM1aY>>.\*

(Continued)

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(57) **CLAIM**

The ornamental design for an illuminated antenna cover, as  
shown and described.

**DESCRIPTION**

FIG. 1 is a side perspective view showing a first state in a  
sequence of an illuminated antenna cover showing our new  
design;

FIG. 2 is a side view thereof;

FIG. 3 is a bottom view thereof;

FIG. 4 is a side perspective view showing a second state  
thereof;

FIG. 5 is a side view thereof;

FIG. 6 is a bottom view thereof;

FIG. 7 is a side perspective view showing a third state  
thereof;

FIG. 8 is a side view thereof;

FIG. 9 is a bottom view thereof;

FIG. 10 is a side perspective view showing a fourth state  
thereof;

FIG. 11 is a side view thereof; and,

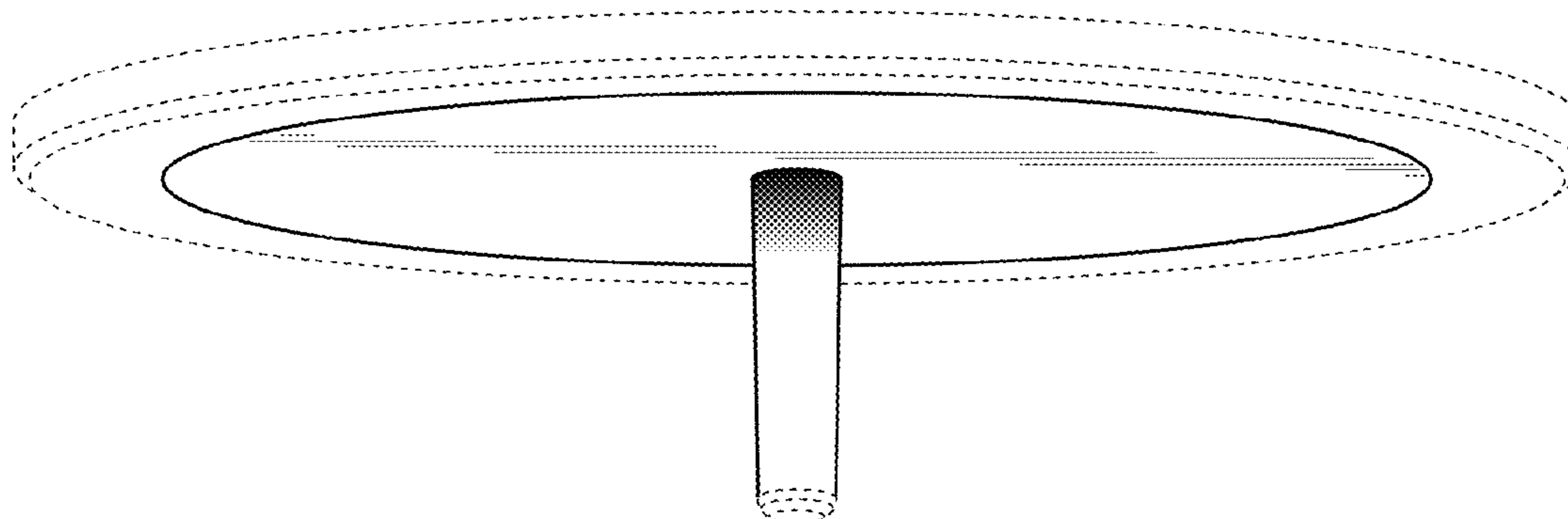
FIG. 12 is a bottom view thereof.

The broken lines immediately adjacent to shaded areas  
represent boundaries of the claimed design. All other broken  
lines represent portions of the illuminated antenna cover that  
form no part of the claimed design.

The claimed design includes gray shaded elements which  
represent illumination. Within a gray shaded element, the  
gradations of dark gray to light gray represent illumination  
of varying brightness or intensity, darker gray shading  
representing greater brightness and lighter gray shading  
representing lesser brightness.

The claimed design sequentially transitions from the first  
state to the last state in the sequence. The period with which  
one image transitions to another image forms no part of the  
claimed design.

**1 Claim, 8 Drawing Sheets**



(58) **Field of Classification Search**

USPC .... 248/68.1; 343/711-713, 700 R-705, 819,  
 343/871-908, 795, 840, 841, 846, 773,  
 343/807; D6/682, 610; D22/147;  
 D25/67; 29/600; D26/2, 27, 51, 60, 67,  
 D26/68, 72, 76, 79, 88, 101, 104, 93;  
 D5/25, 57  
 CPC ..... F16L 3/2235; F16L 3/227; F16L 3/221;  
 Y10T 403/7141; H01L 33/48; H01L  
 33/486; H01L 23/02; H05K 5/00; H05K  
 11/00; H01Q 13/10; H01Q 7/00; H01Q  
 9/285; H01Q 19/30; H01Q 19/12; H01Q  
 1/38; H01Q 1/42; H01Q 1/28; H01Q  
 1/3275; H01Q 1/1235; H01Q 1/1228;  
 H01Q 1/1207; H01Q 1/52; H01Q 1/281;  
 H01Q 1/08; H01Q 1/1242; H01Q 1/125;  
 H01Q 21/06; H01Q 1/246; H01Q 11/08;  
 B64C 7/00; B64G 1/222; E04B 1/3441;  
 E04B 1/1903; E04G 11/48; E04G 7/14;  
 E04C 3/005; E04C 3/08; A63B 1/00;  
 C04B 35/584; F42B 15/34; F41H 11/02;  
 G01C 21/005; F21Y 2101/00; F21L 4/02;  
 F21V 23/0414; H01J 5/56; H01J 61/30  
 See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

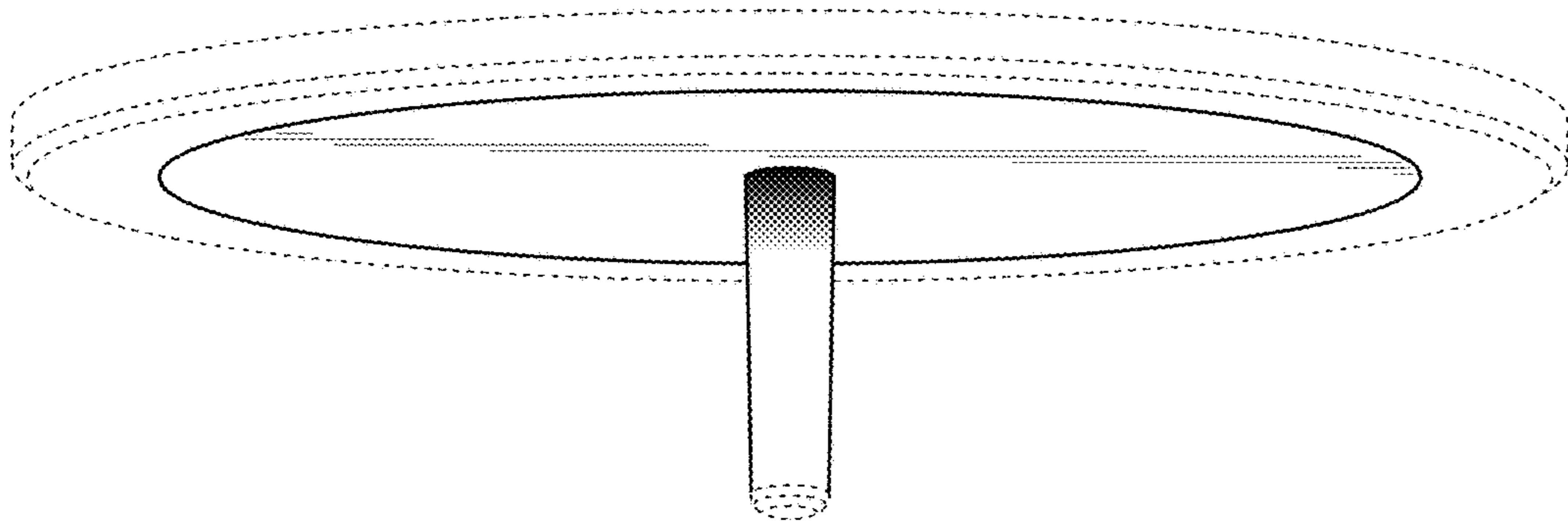
D370,919 S \* 6/1996 Mada ..... D14/230  
 D403,549 S \* 1/1999 Dudash ..... D6/610  
 5,923,302 A \* 7/1999 Waterman ..... H01Q 1/28  
 343/727  
 6,133,885 A \* 10/2000 Luniak ..... H01Q 1/242  
 343/702  
 6,275,198 B1 \* 8/2001 Kenoun ..... H01Q 1/242  
 343/702

6,359,592 B1 \* 3/2002 Chen ..... H01Q 1/10  
 343/702  
 D457,669 S \* 5/2002 Piepgras ..... D26/37  
 6,661,391 B2 \* 12/2003 Ohara ..... H01Q 1/242  
 343/702  
 6,707,430 B2 \* 3/2004 Sakaguchi ..... H01Q 1/242  
 343/702  
 D589,205 S \* 3/2009 Sabernig ..... D26/104  
 D594,686 S \* 6/2009 Bodum ..... D6/610  
 7,868,832 B2 \* 1/2011 Krishtul ..... H01Q 1/243  
 29/600  
 D735,368 S \* 7/2015 McGrath ..... D26/2  
 2004/0183727 A1 \* 9/2004 Choi ..... H01Q 1/22  
 343/700 MS  
 2005/0104782 A1 \* 5/2005 Peled ..... H01Q 1/241  
 343/702  
 2006/0017650 A1 \* 1/2006 Allen ..... H01Q 9/0407  
 343/900  
 2006/0187137 A1 \* 8/2006 Waltman ..... H01Q 19/132  
 343/840  
 2008/0074332 A1 \* 3/2008 Arronte ..... H01Q 1/243  
 343/702

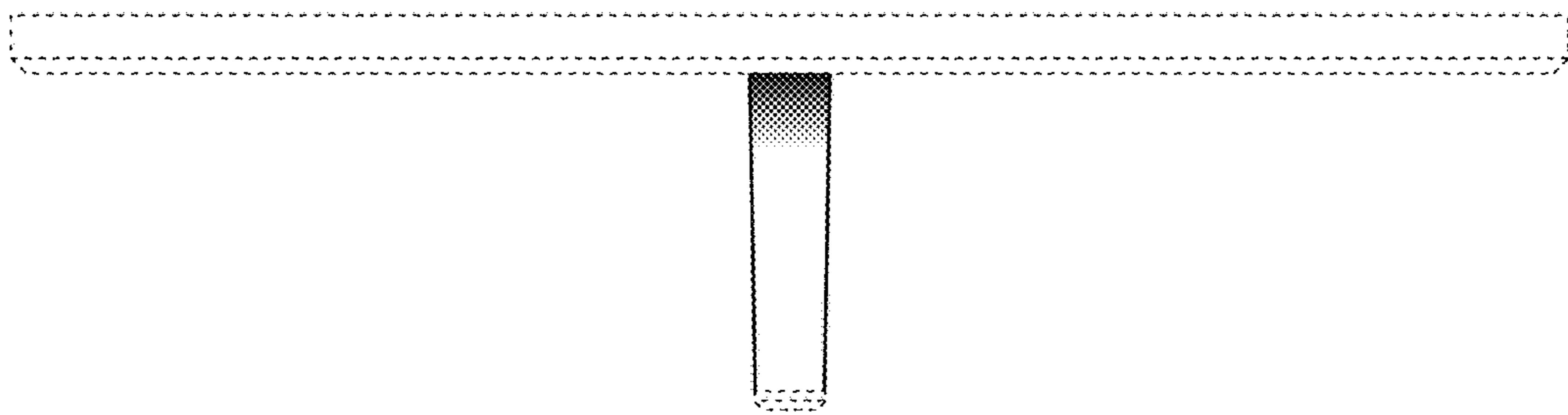
OTHER PUBLICATIONS

Taylor Swift concert Multi Zone remote control led stick / DMX led  
 stick, posted on YouTube, posted Jul. 3, 2015, [online], [site visited  
 Jun. 22, 2017]. Available from Internet, <URL: <https://www.youtube.com/watch?v=pPNBjZidqL0>>.\*  
 Lutron Electronics Co., Inc., Stanza Hotel Guestroom Light Control  
 Brochure, Feb. 20, 2008, 12 pages.  
 Dynalite Intelligent Light Pty Ltd., Light News, Aug. 2005, 8 pages,  
 issue 2.  
 Inncom, GS-700 Family Glass Series Switches Sell Sheet, Nov.  
 2008, 2 pages.  
 Basalte BVBA, Sentido KNX v3.1 Manual, 2012, pp. 1-3.

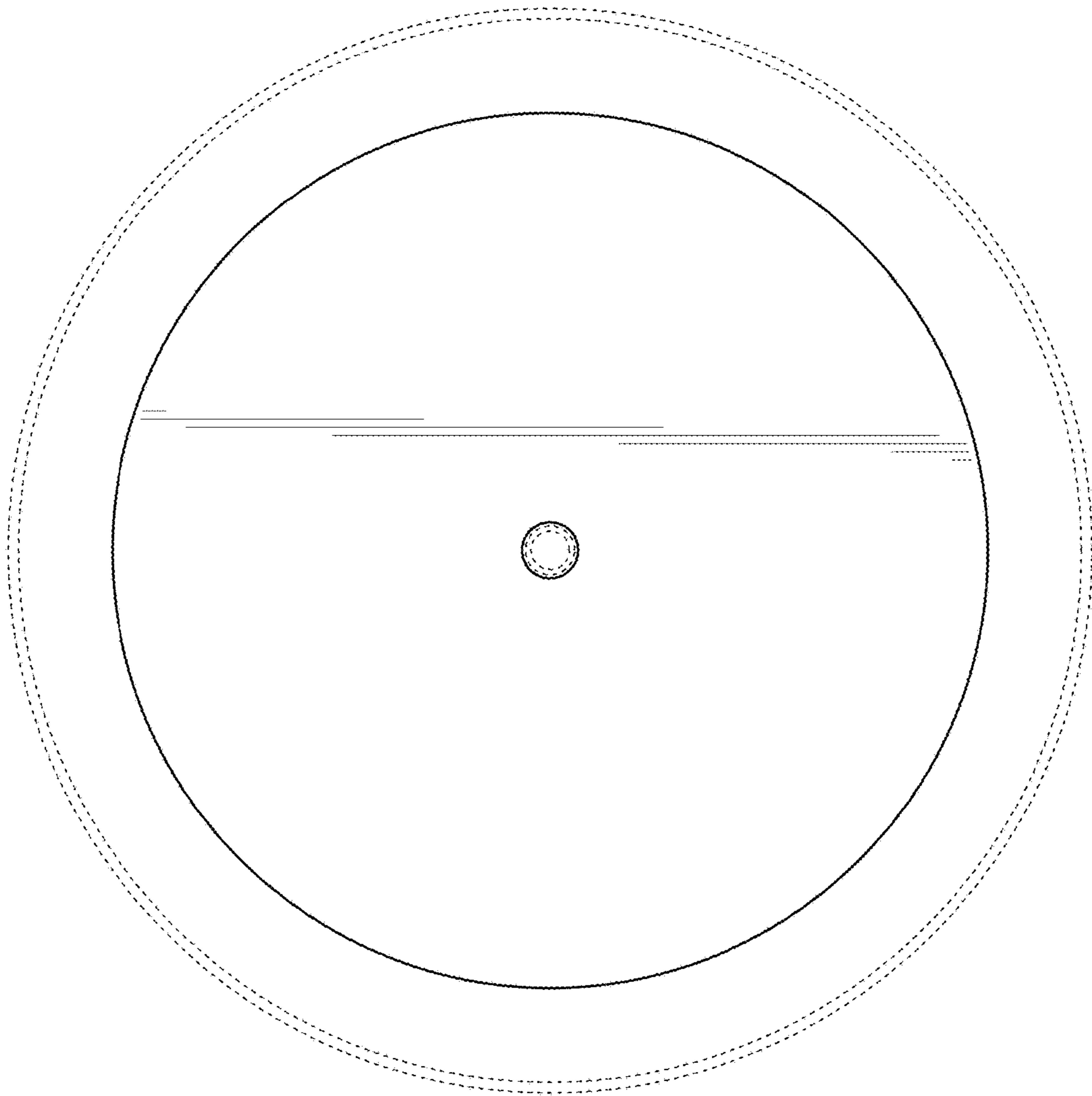
\* cited by examiner



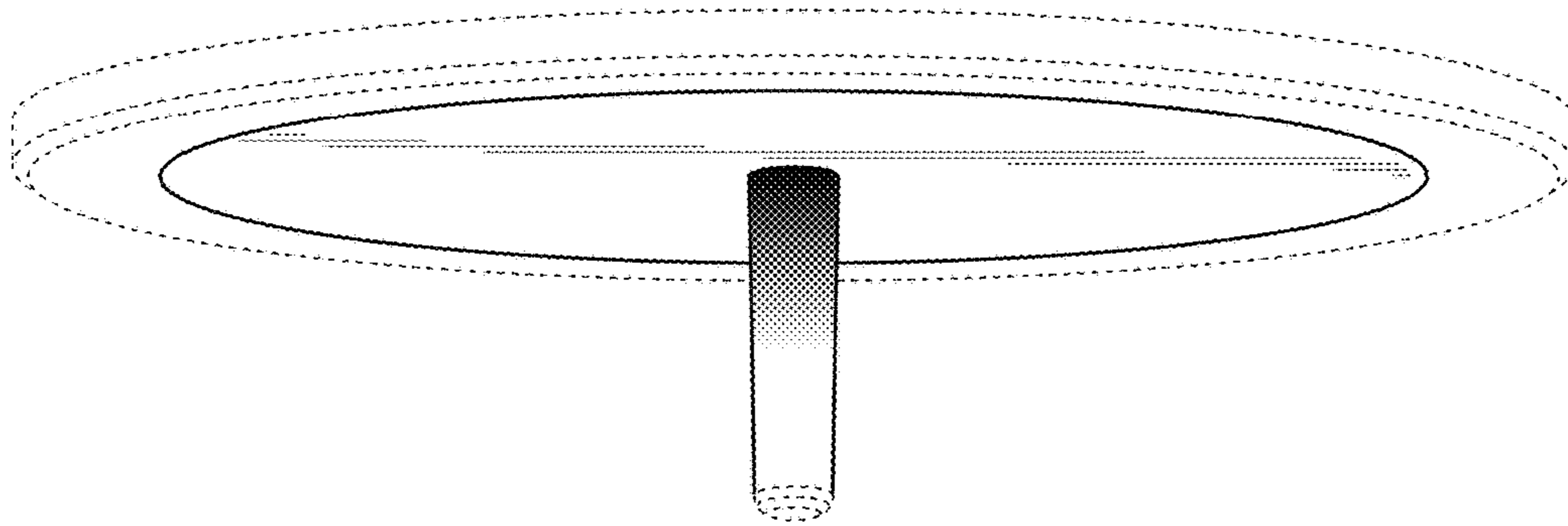
*Fig. 1*



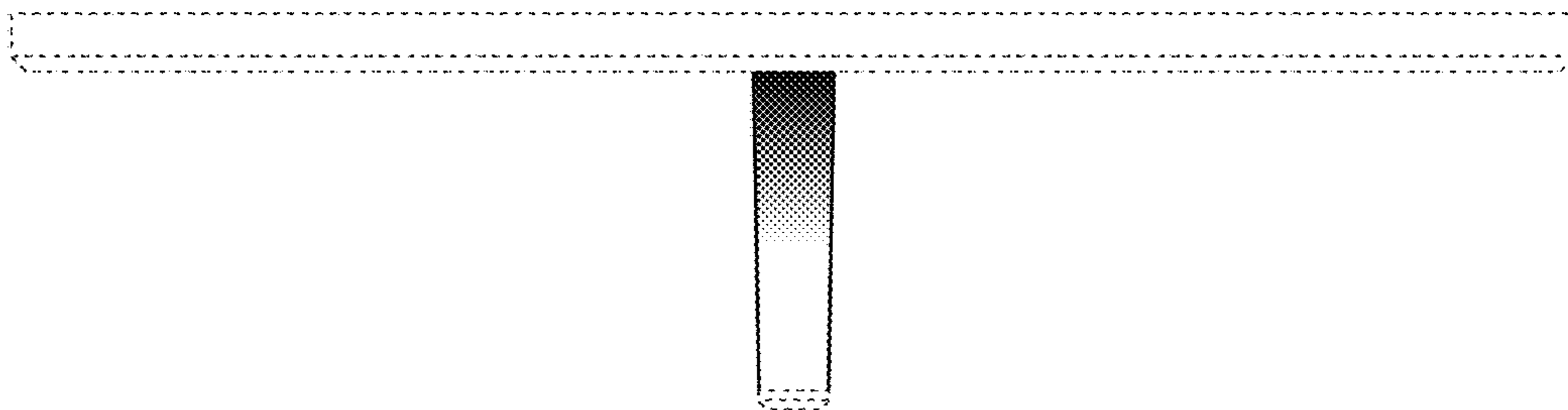
*Fig. 2*



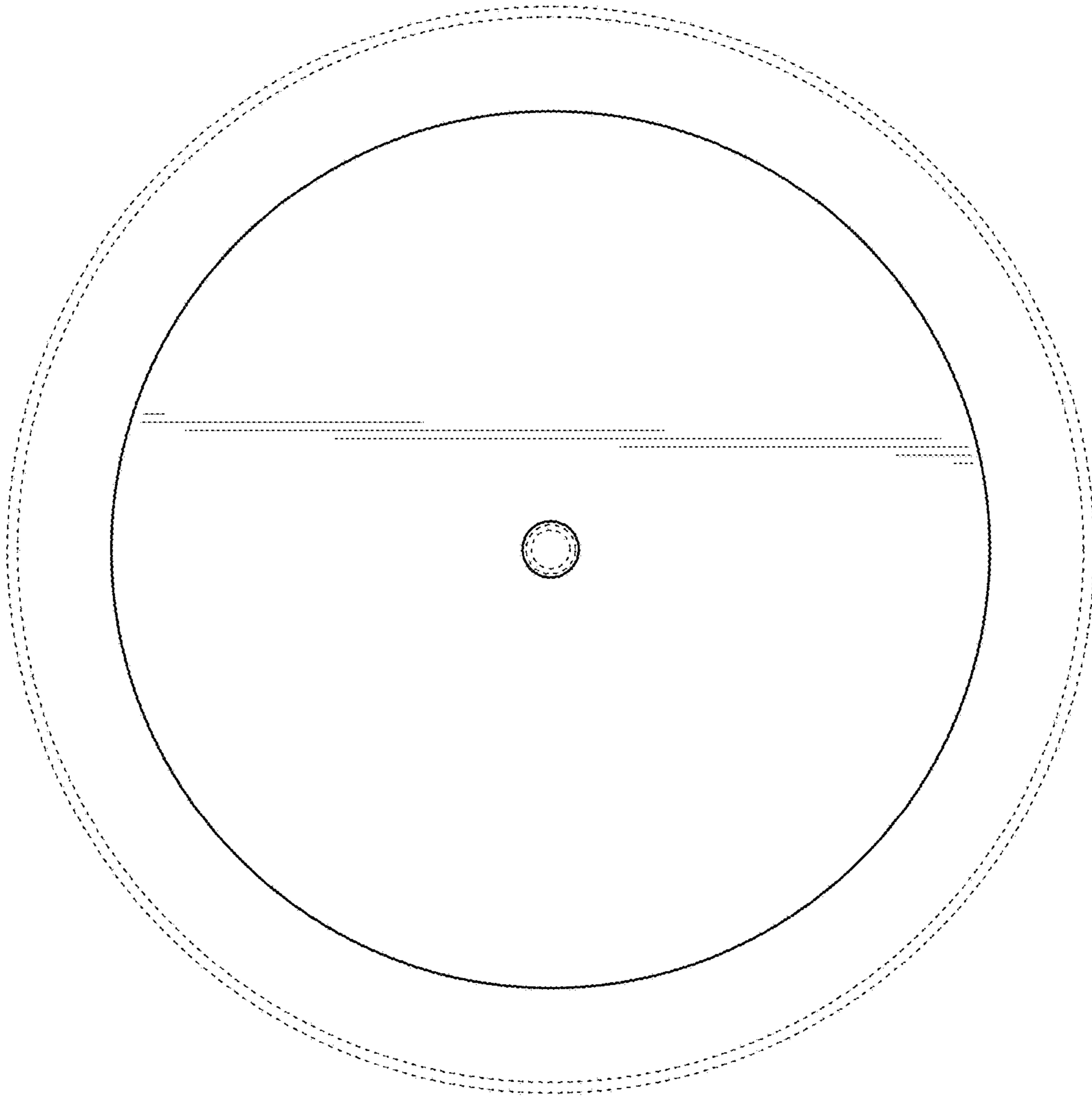
**Fig. 3**



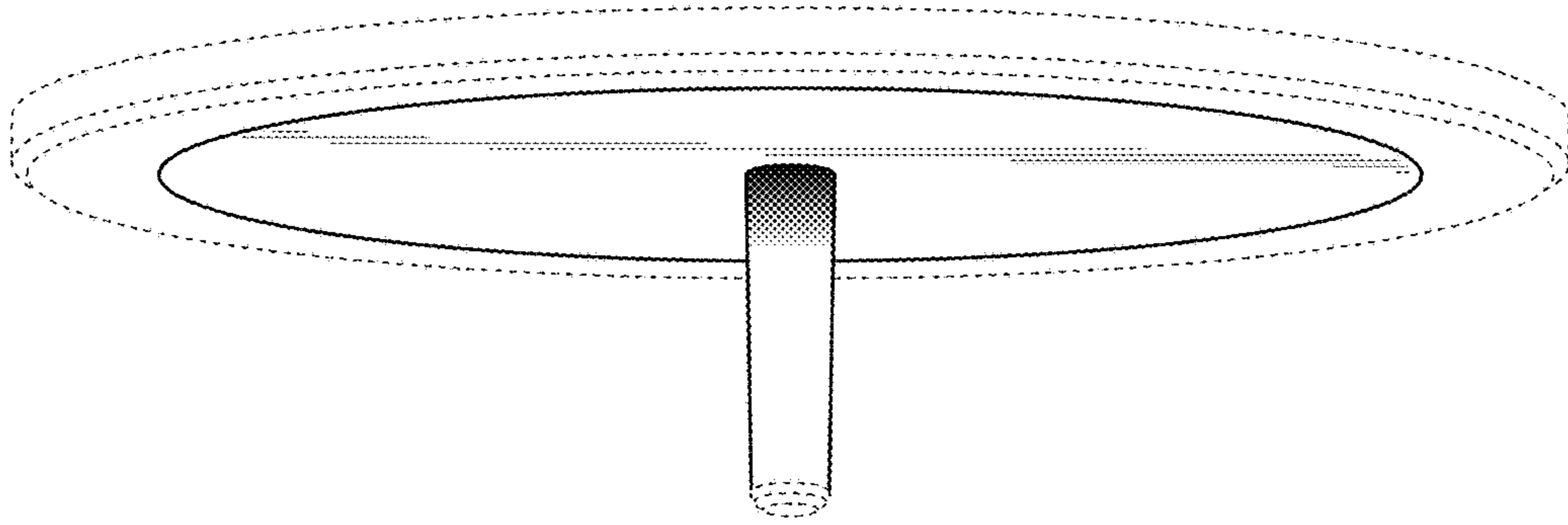
*Fig. 4*



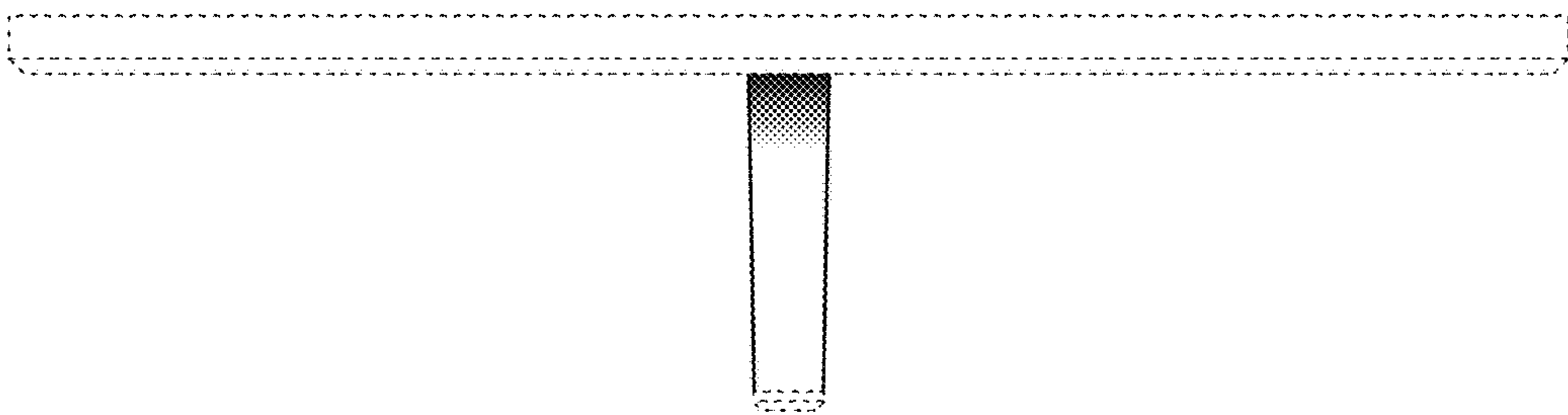
*Fig. 5*



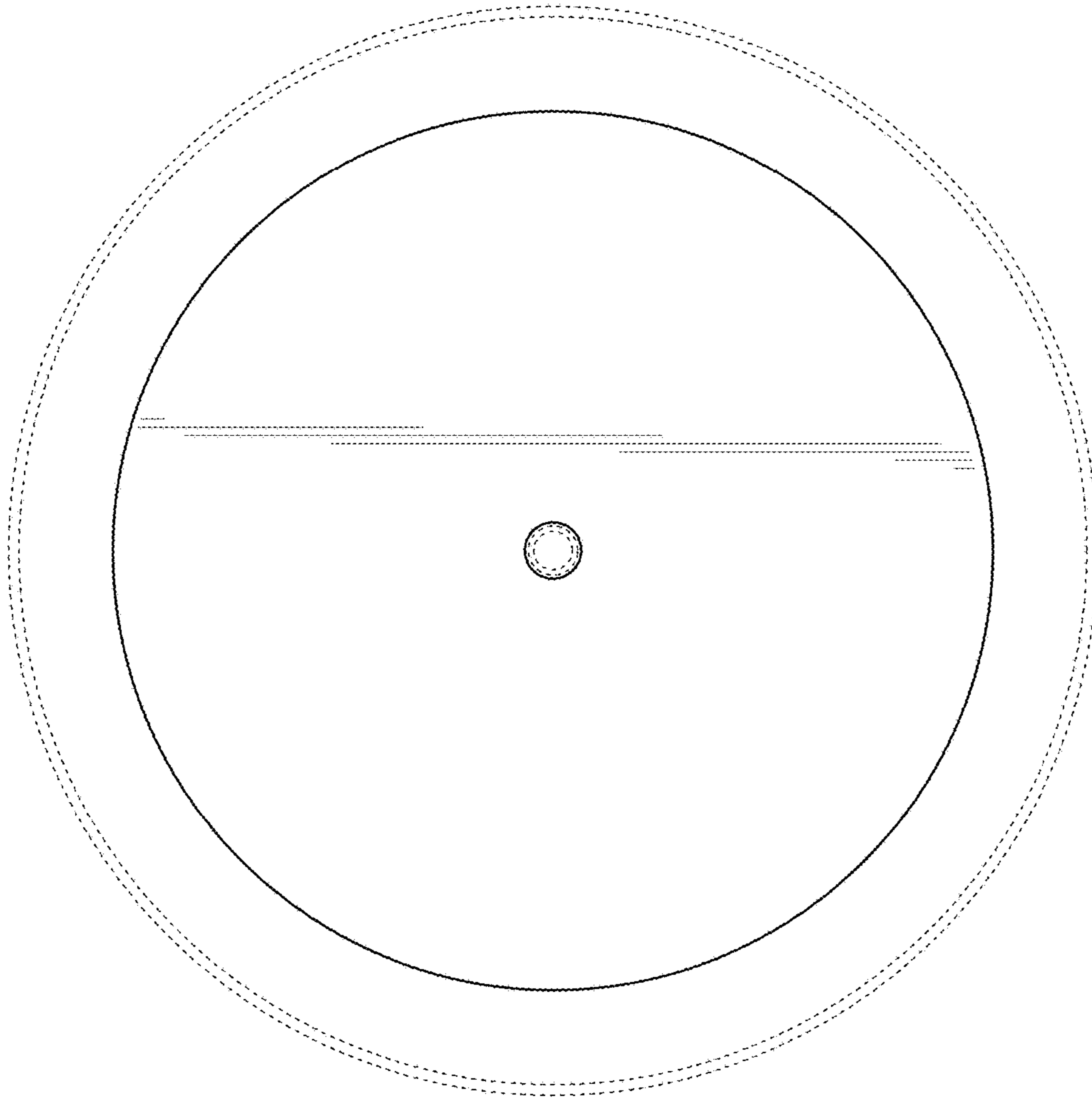
**Fig. 6**



*Fig. 7*

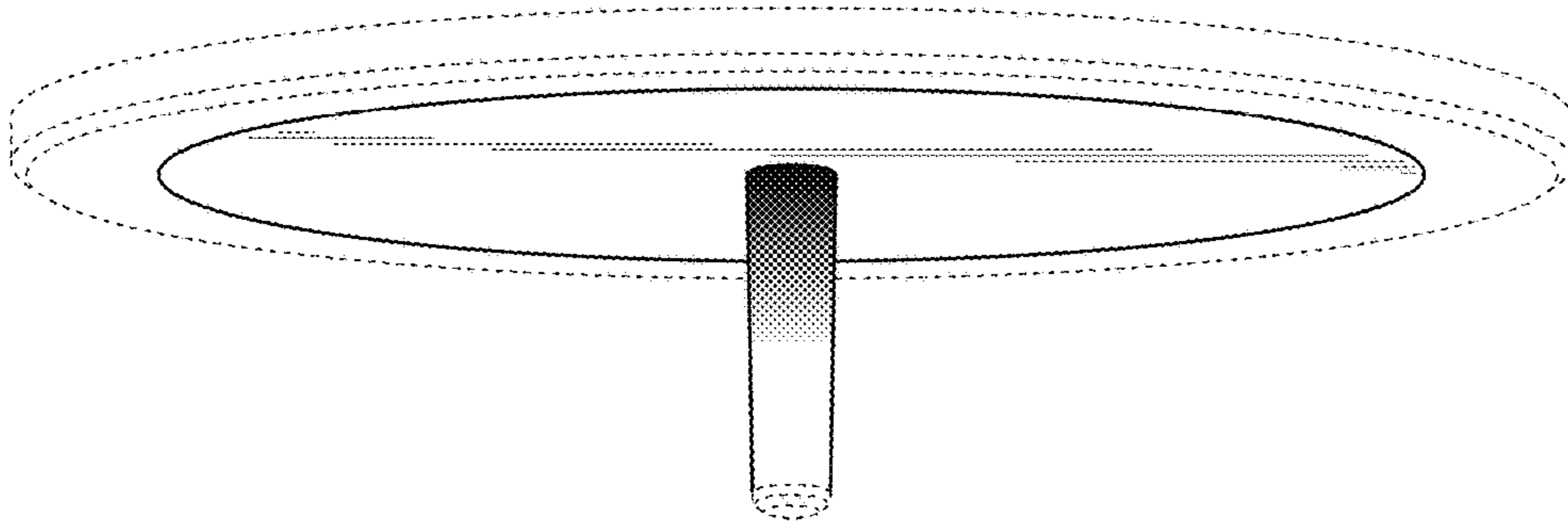


*Fig. 8*

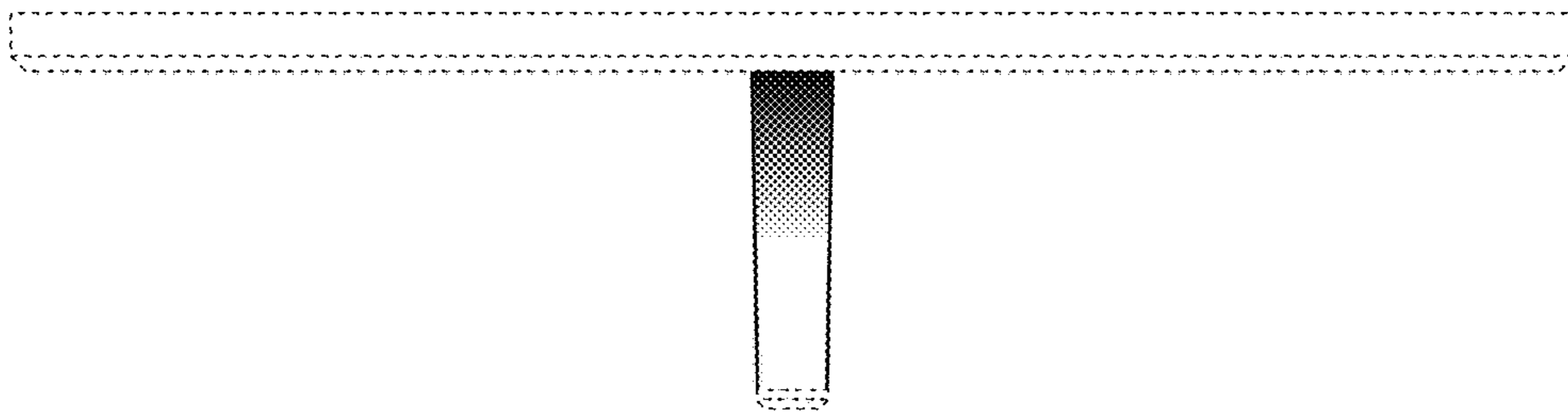


**Fig. 9**

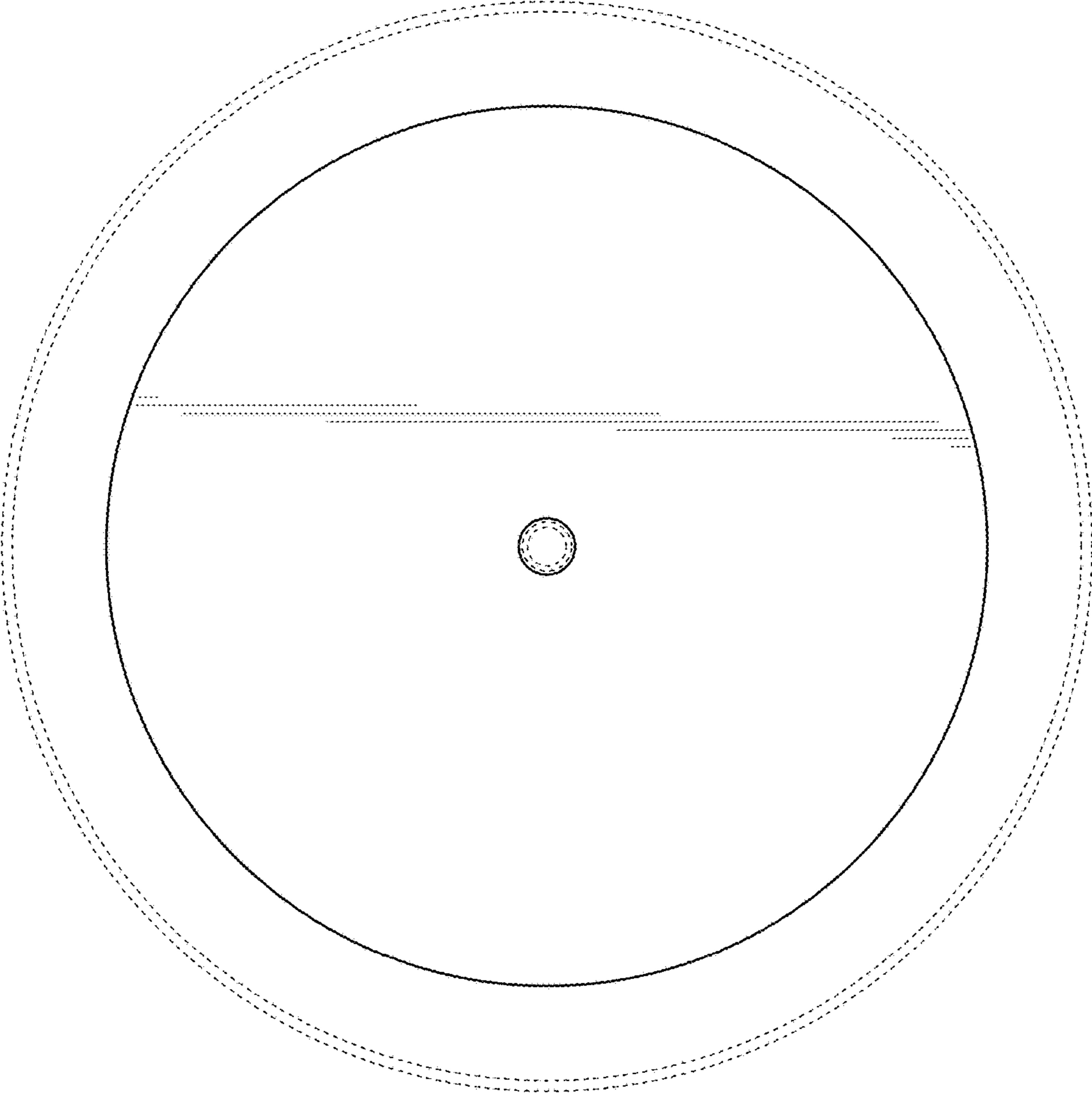




*Fig. 10*



*Fig. 11*



**Fig. 12**