



US00D734341S

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

(10) **Patent No.:** **US D734,341 S**
(45) **Date of Patent:** **** Jul. 14, 2015**

(54) **OPTICAL DISK**

4,698,716 A * 10/1987 Lazzari 360/135

(Continued)

(71) Applicant: **Panasonic Corporation**, Kadoma-shi,
Osaka (JP)

FOREIGN PATENT DOCUMENTS

(72) Inventors: **Mamoru Shoji**, Osaka (JP); **Shuji Tabuchi**, Okayama (JP); **Yoshihiro Kawasaki**, Okayama (JP)

JP D1361375 6/2009
JP 2010-155219 A 7/2010

(73) Assignee: **PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD.**, Osaka (JP)

OTHER PUBLICATIONS

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

“Compact Disk Hole Diameter”. dimensionsinfo.com. Web. Jan. 12, 2010.*

(Continued)

(21) Appl. No.: **29/433,271**

Primary Examiner — Robert M Spear

(22) Filed: **Sep. 27, 2012**

Assistant Examiner — Kendra L Hamilton

(30) **Foreign Application Priority Data**

(74) *Attorney, Agent, or Firm* — Brinks Gilson & Lione

Aug. 6, 2012 (JP) 2012-018734

(57) **CLAIM**

Aug. 6, 2012 (JP) 2012-018735

We claim the ornamental design for an optical disk, as shown and described.

(51) **LOC (10) Cl.** **14-99**

DESCRIPTION

(52) **U.S. Cl.**

USPC **D14/478**

(58) **Field of Classification Search**

USPC D14/478, 474, 479, 480, 260.1, 435, D14/436, 473; 360/131, 133, 135, 97.11, 360/97.12, 98.01, 98.04, 99.01, 99.04, 360/99.05; D19/9, 10; D8/20, 352, 70; 369/272.1, 281, 275.5, 280, 282; 206/310, 308.1, 308.2, 308.3; D21/443, 444; D6/407, 627; 220/212, 220/213, 231, 260, 287, 305, 574, 660, 675, 220/781, 782, 783, 790, 791, 794; D7/391, D7/392, 392.1, 393, 397, 538, 542, 602, D7/629, 705; D9/424, 430, 435, 449, 452

CPC G11B 2220/2537

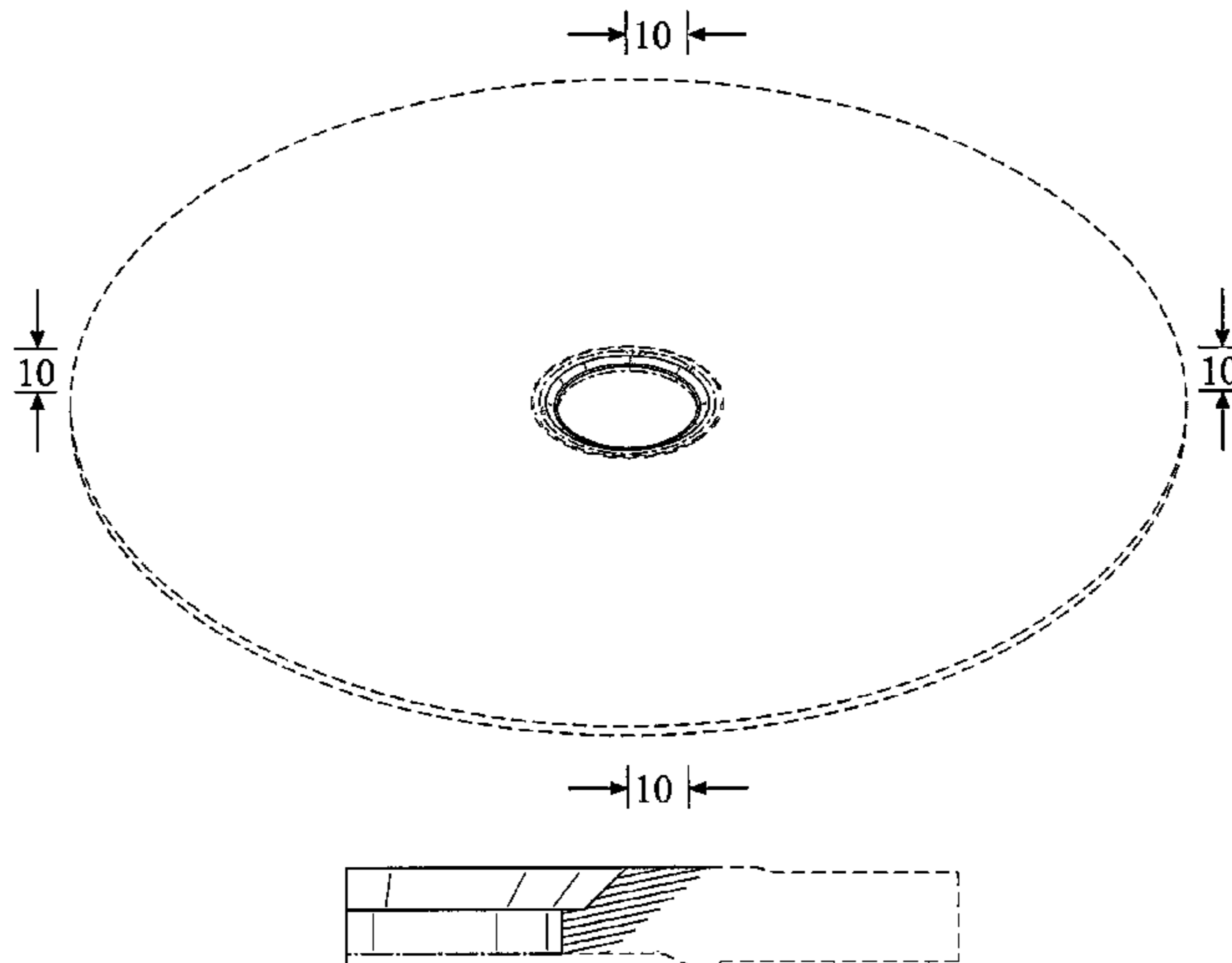
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D265,968 S * 8/1982 Bergin D8/352

1 Claim, 7 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

5,323,381 A * 6/1994 Takahashi et al. 369/282
D364,431 S * 11/1995 Diecidue et al. D21/444
D375,148 S * 10/1996 Keller D23/249
5,737,149 A * 4/1998 Shin 360/99.04
D426,241 S * 6/2000 Schick et al. D14/435
6,400,675 B1 * 6/2002 Everidge et al. 369/273
D493,694 S * 8/2004 Spangler D8/352
D500,504 S * 1/2005 Boissonneault et al. D14/478
6,899,942 B2 * 5/2005 Clark 428/138
6,948,182 B2 * 9/2005 Ito 720/745
D557,797 S * 12/2007 Stawski et al. D24/101

D568,134 S * 5/2008 Umbrell D8/70
D616,966 S * 6/2010 Angell D23/262
7,757,247 B2 * 7/2010 Cheong et al. 720/722
D679,171 S * 4/2013 Sedwick D8/352
D682,994 S * 5/2013 Schulz D23/259
D697,777 S * 1/2014 Bozic D8/70
2005/0226137 A1 * 10/2005 Masuhara et al. 369/275.5

OTHER PUBLICATIONS

“Fog Anti Type Suspension Glass Insulators”. diytrade.com. Web. Mar. 29, 2012.*
“Insulator Cross Section Drawing”. insulators.info. Web. 2002.*

* cited by examiner

FIG.1

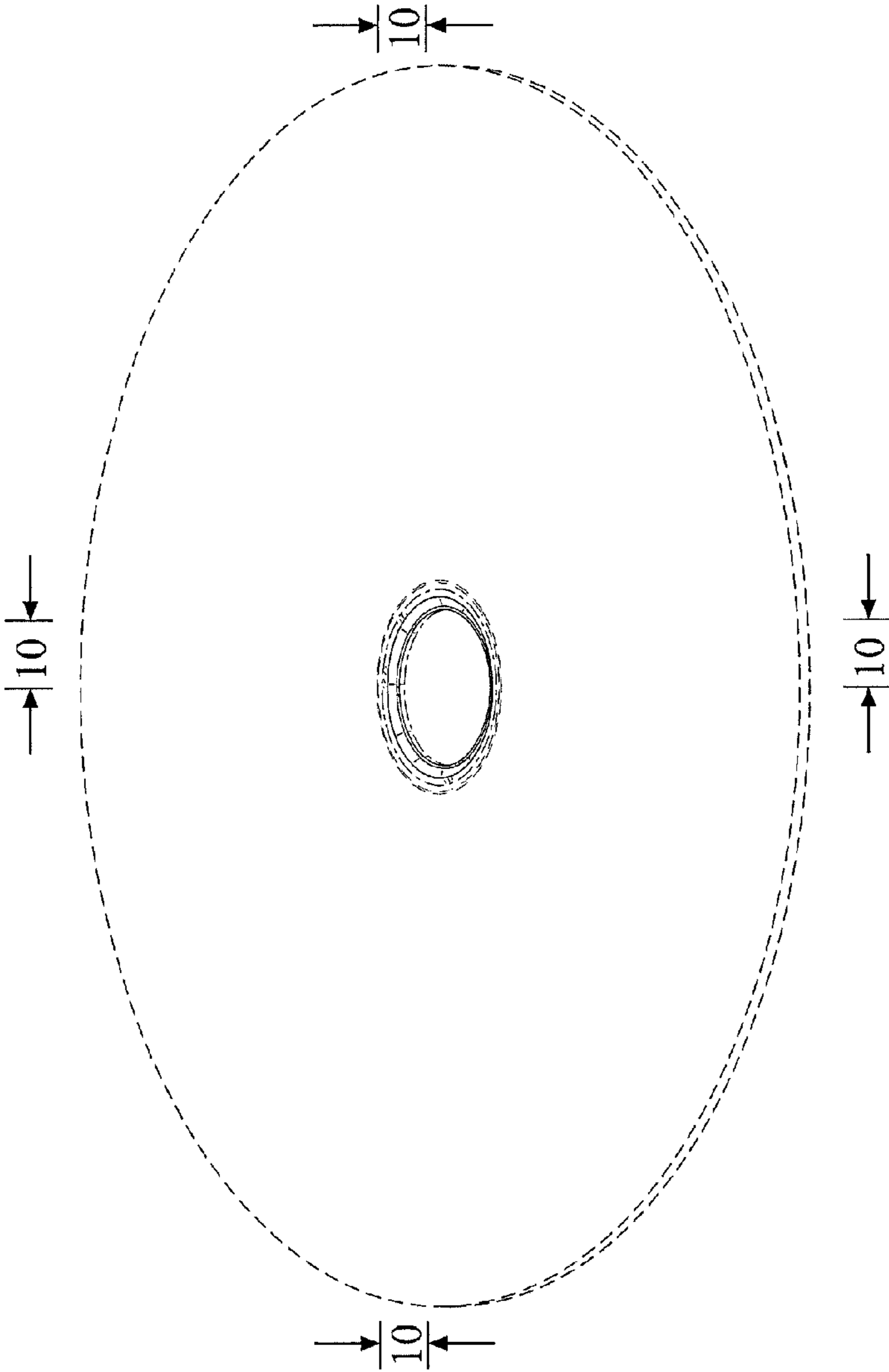


FIG.2

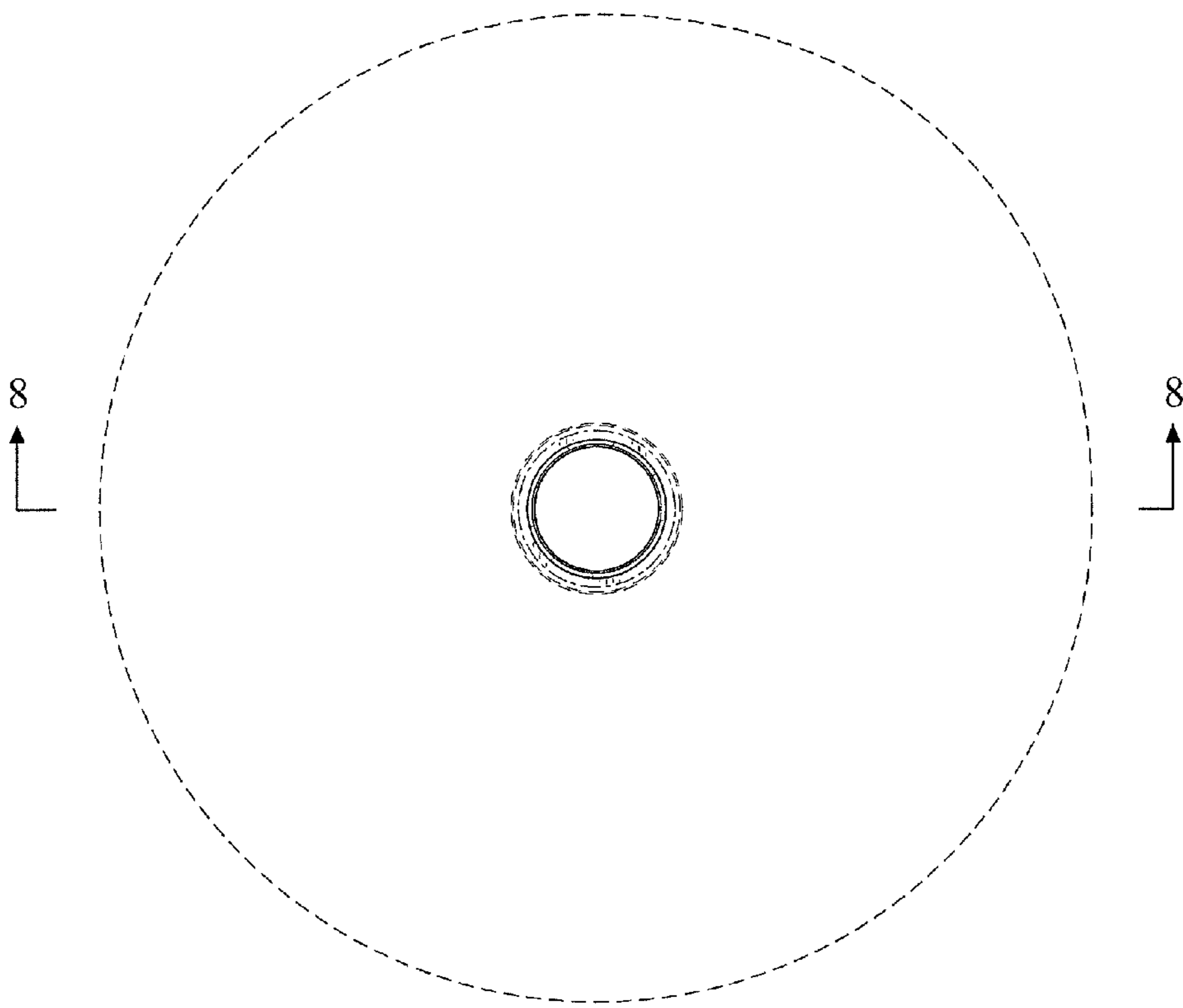


FIG.3

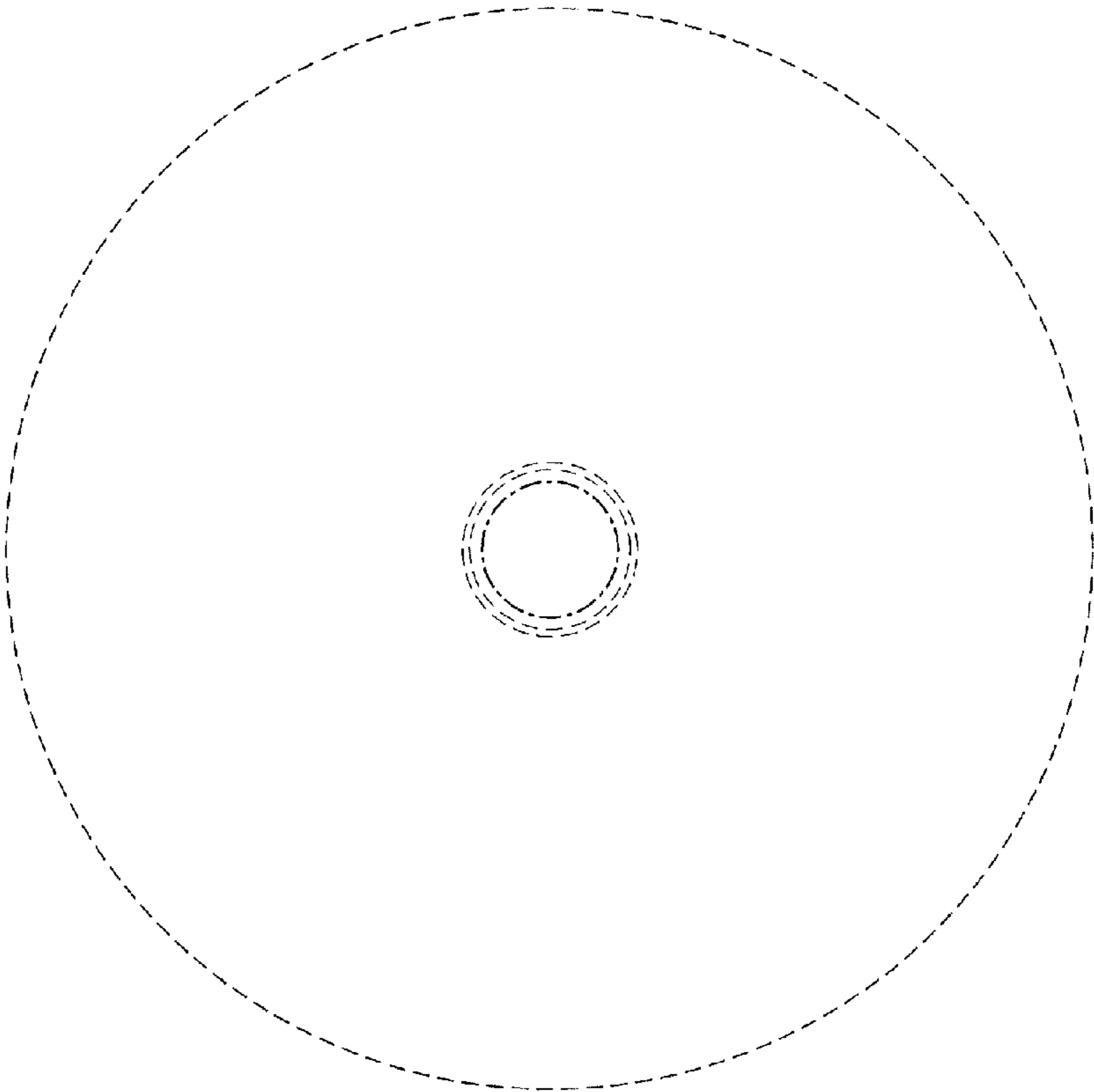


FIG.4

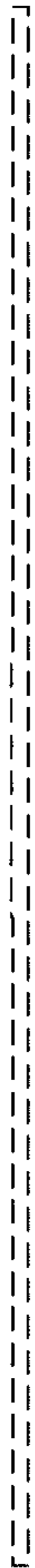


FIG.5



FIG.6

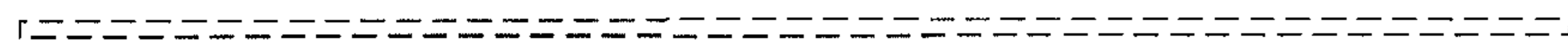


FIG.7

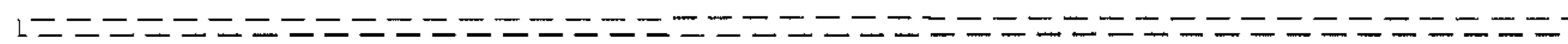


FIG.8

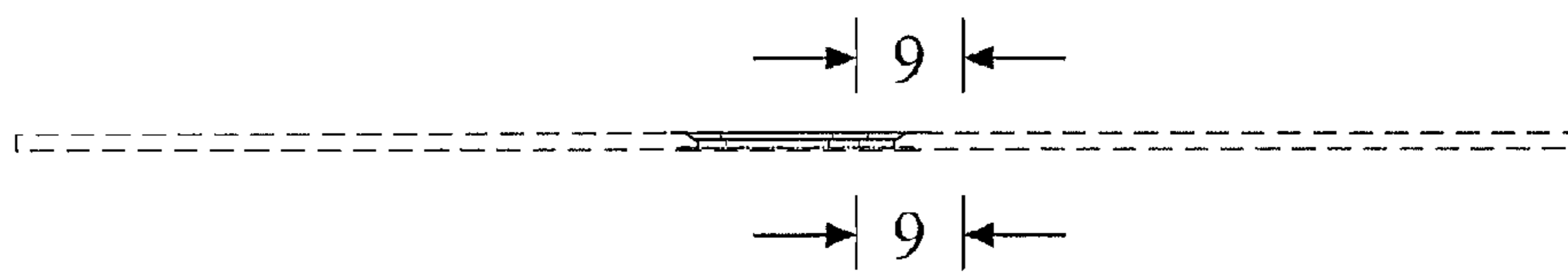


FIG.9

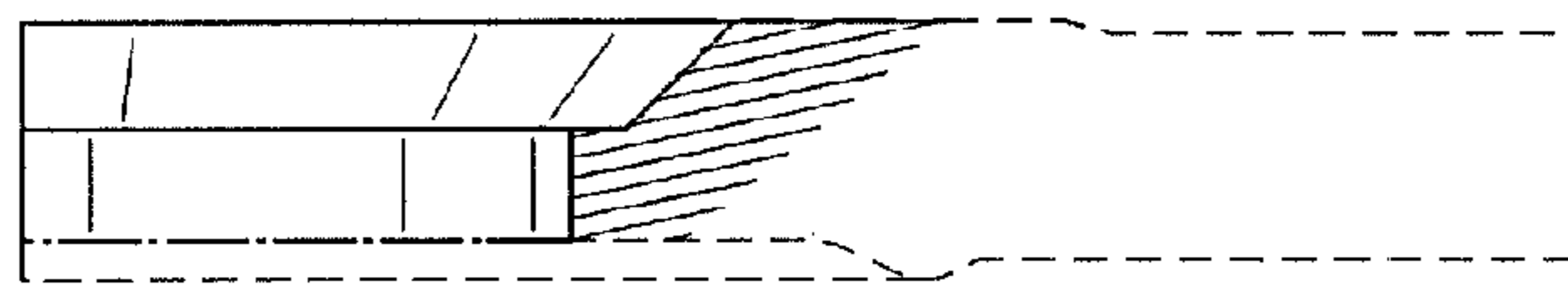


FIG.10

