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

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(45) **Date of Patent:** **** Apr. 1, 2008**

(54) **WINDING-TYPE ANNULAR INDUCTOR**

6,819,214 B2 * 11/2004 Elliott et al. 336/229

(75) Inventors: **Shigeru Ogawa**, Nagaoka (JP);
Takaichi Suzuki, Nagaoka (JP)

* cited by examiner

(73) Assignee: **N.O.C. Co., Ltd.**, Niigata (JP)

Primary Examiner—Prabhakar Deshmukh

Assistant Examiner—Derrick Holland

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

(74) *Attorney, Agent, or Firm*—Sughrue Mion, PLLC

(21) Appl. No.: **29/287,312**

(57) **CLAIM**

(22) Filed: **Jul. 23, 2007**

The ornamental design for a winding-type annular inductor, as shown and described.

(30) **Foreign Application Priority Data**

DESCRIPTION

Apr. 2, 2007 (JP) 2007-008536

FIG. 1 is a perspective view of a winding-type annular inductor showing our new design;

(51) **LOC (8) Cl.** **13-02**

FIG. 2 is a front elevational view thereof;

(52) **U.S. Cl.** **D13/117**

FIG. 3 is a rear elevational view thereof;

(58) **Field of Classification Search** D13/117,
D13/182, 199; 336/15, 65, 98, 192, 210,
336/222, 229

FIG. 4 is a top plan view thereof;

See application file for complete search history.

FIG. 5 is a bottom plan view thereof;

FIG. 6 is a right side elevational view thereof;

(56) **References Cited**

FIG. 7 is a left side elevational view thereof; and,

U.S. PATENT DOCUMENTS

FIG. 8 is an illustrative view thereof while in use.

D137,250 S * 2/1944 Moore D13/117

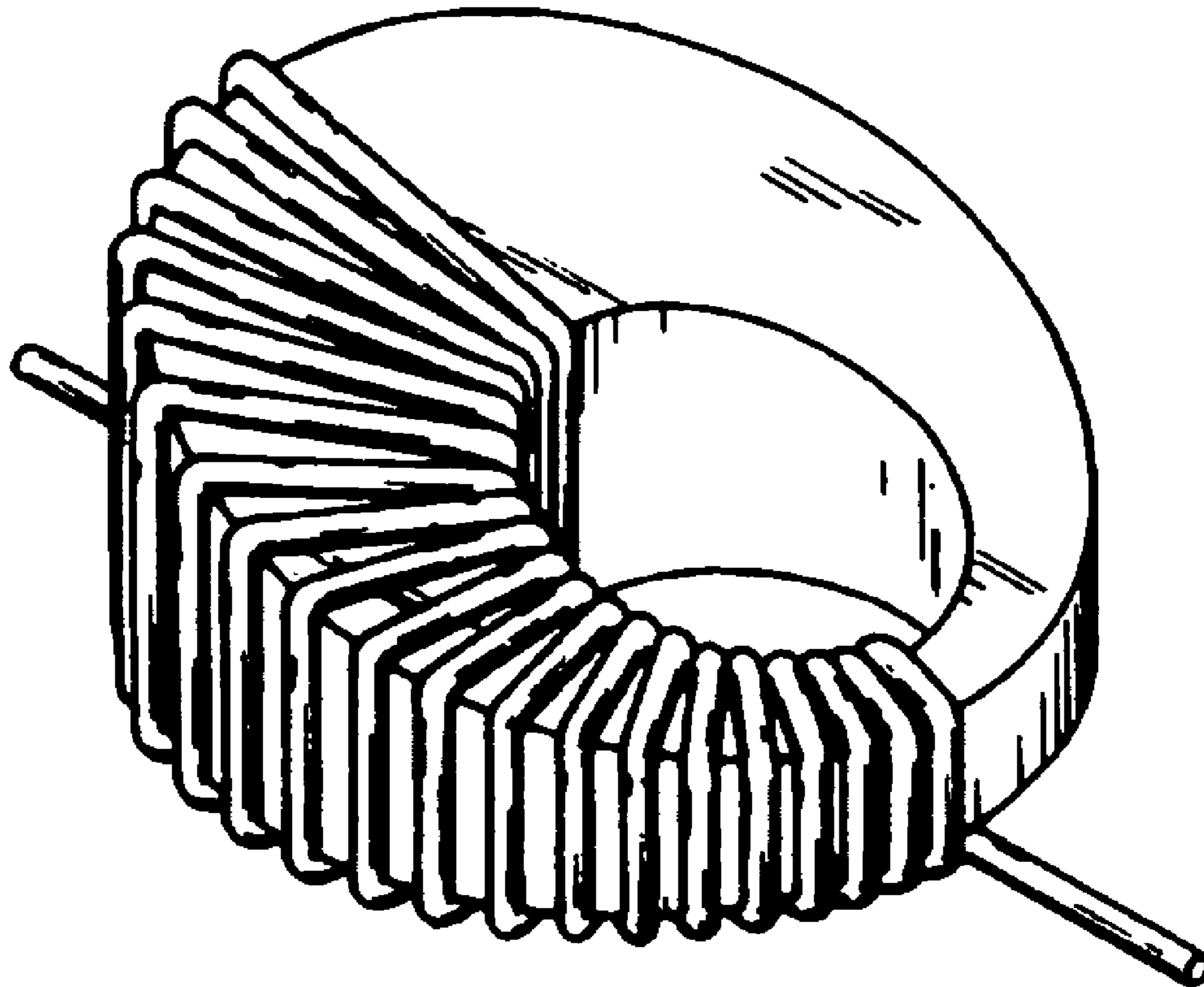
The portions shown in broken lines are for illustrative purposes only and form no part of the claimed design.

2,741,528 A * 4/1956 Clark et al. 336/98

D329,041 S * 9/1992 Masuda et al. D13/117

D452,220 S * 12/2001 Robson D13/182

1 Claim, 4 Drawing Sheets



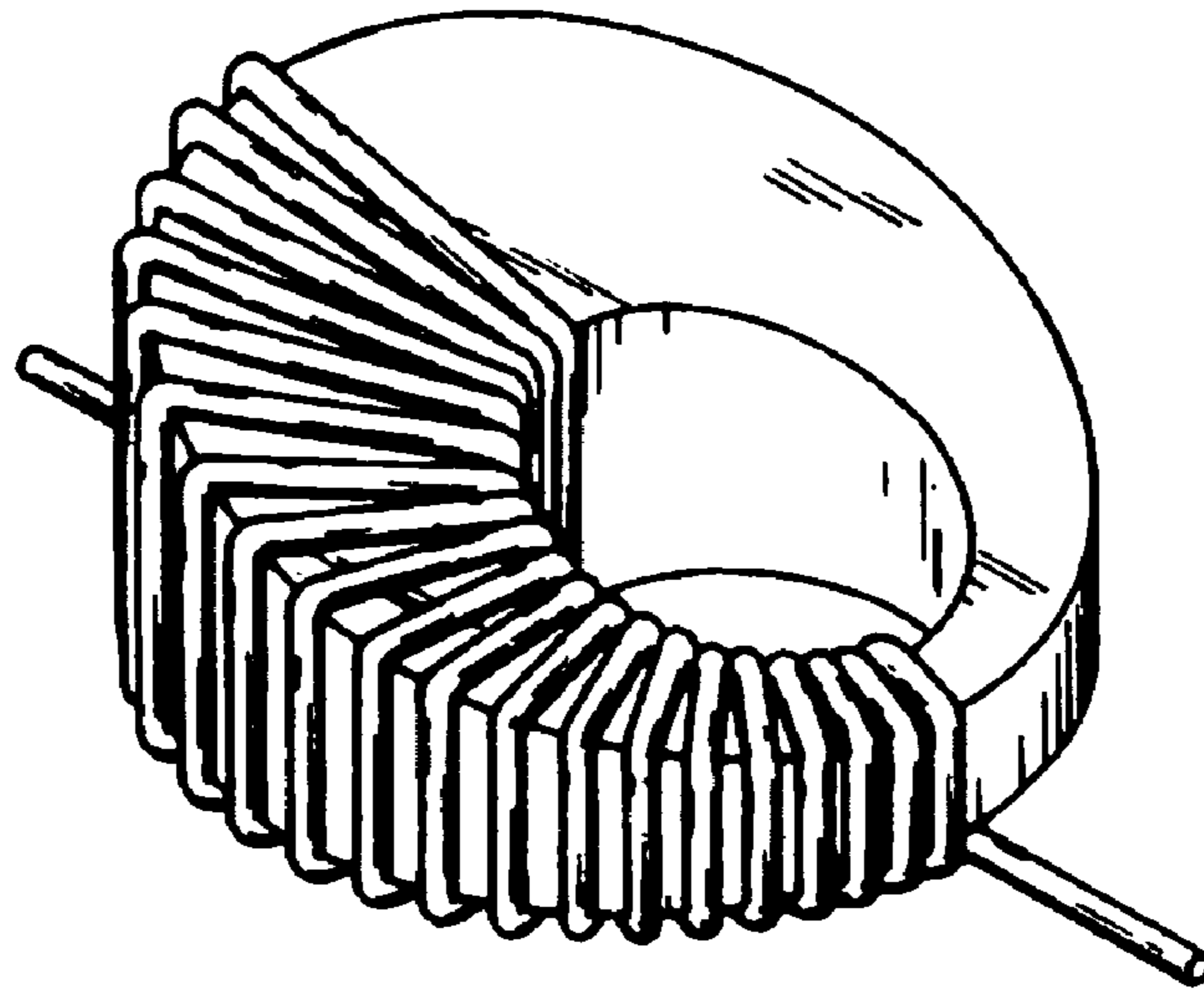


Fig. 1

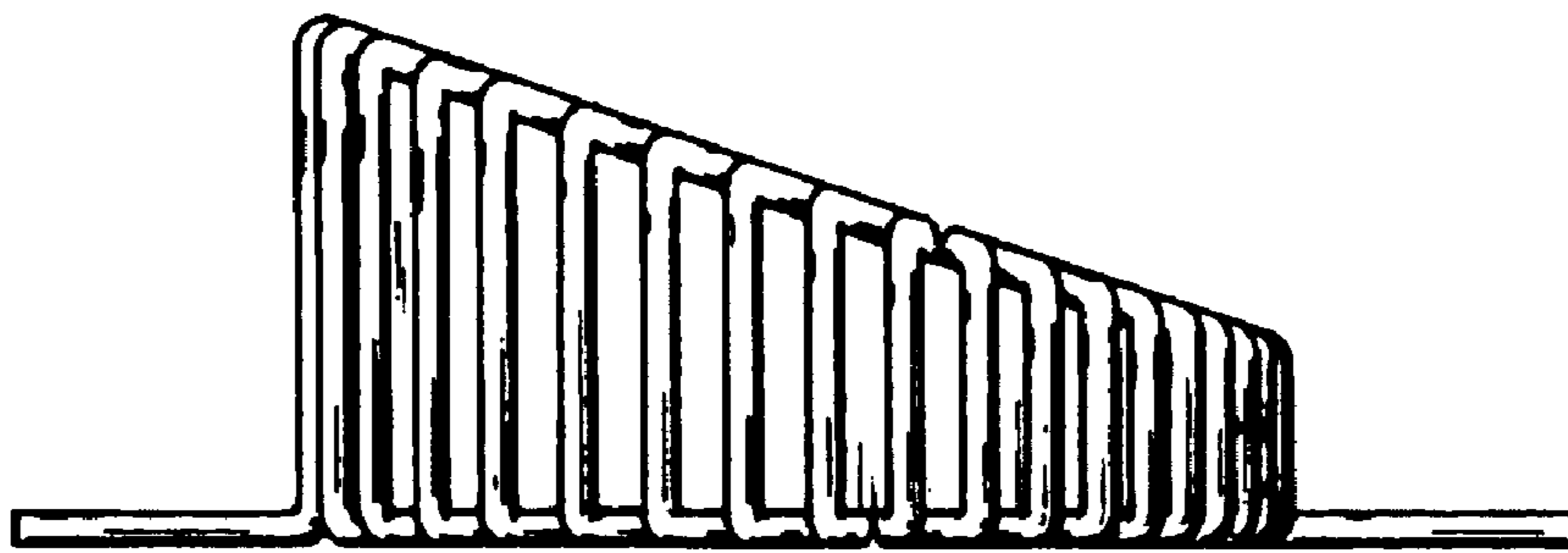


Fig. 2

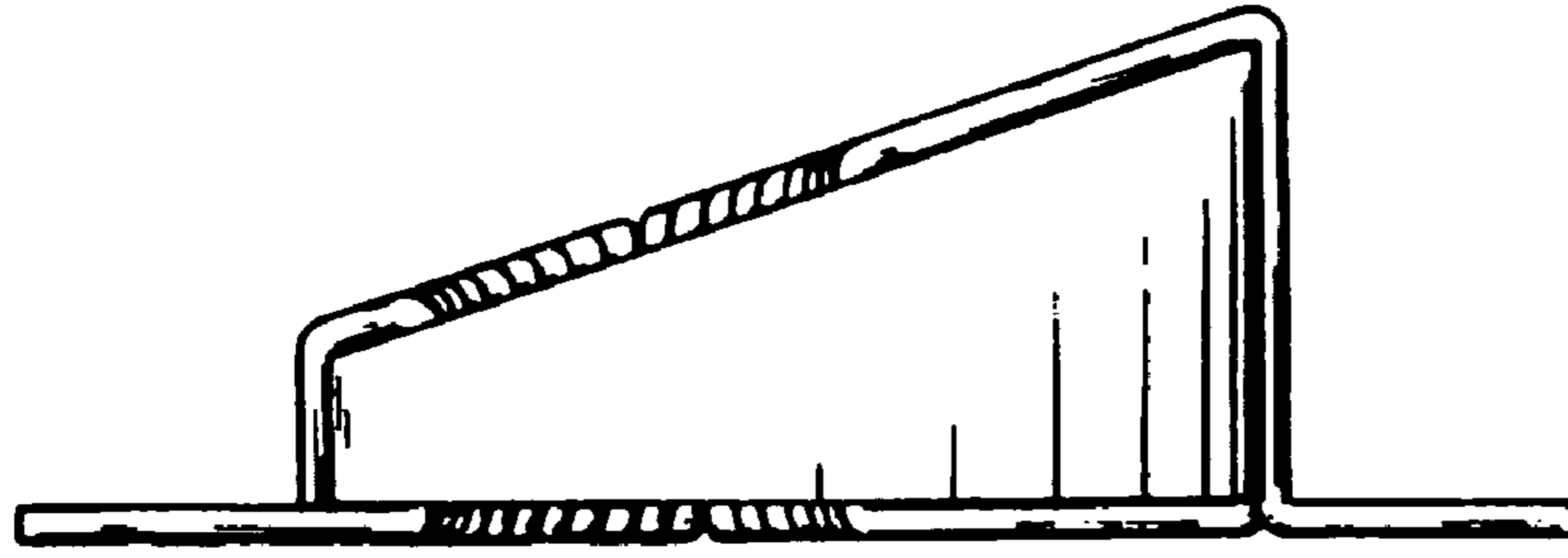


Fig. 3

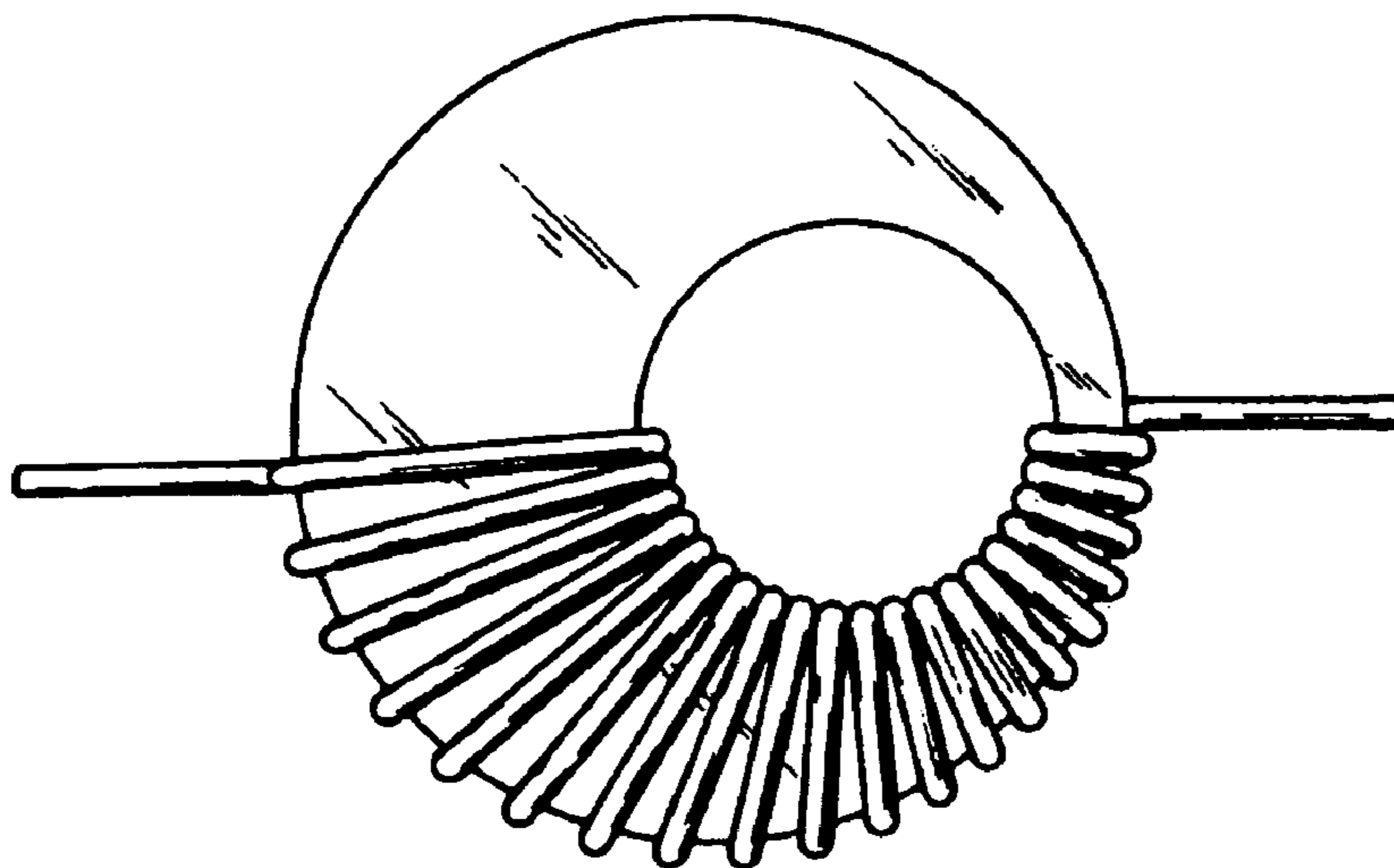


Fig. 4

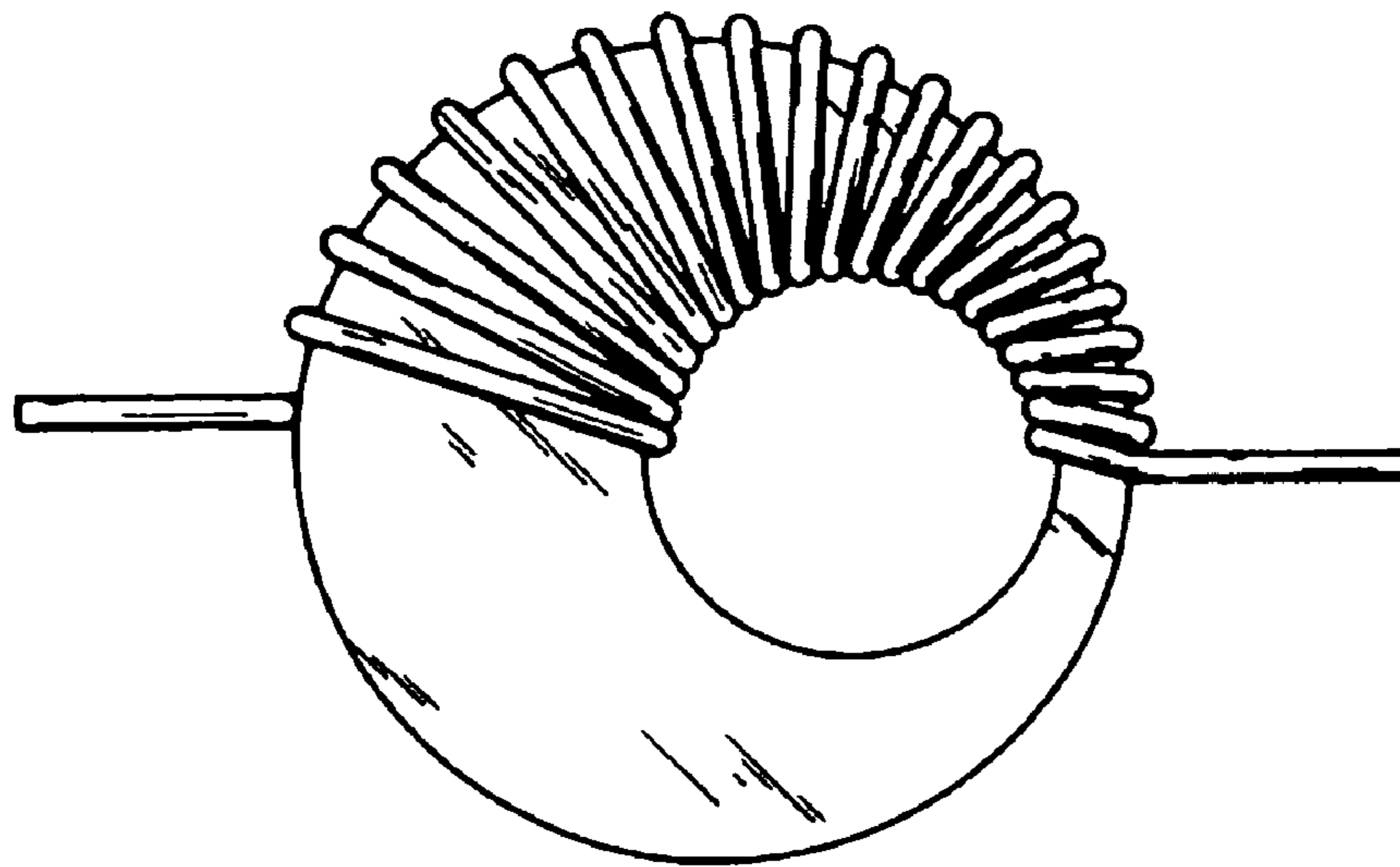


Fig. 5

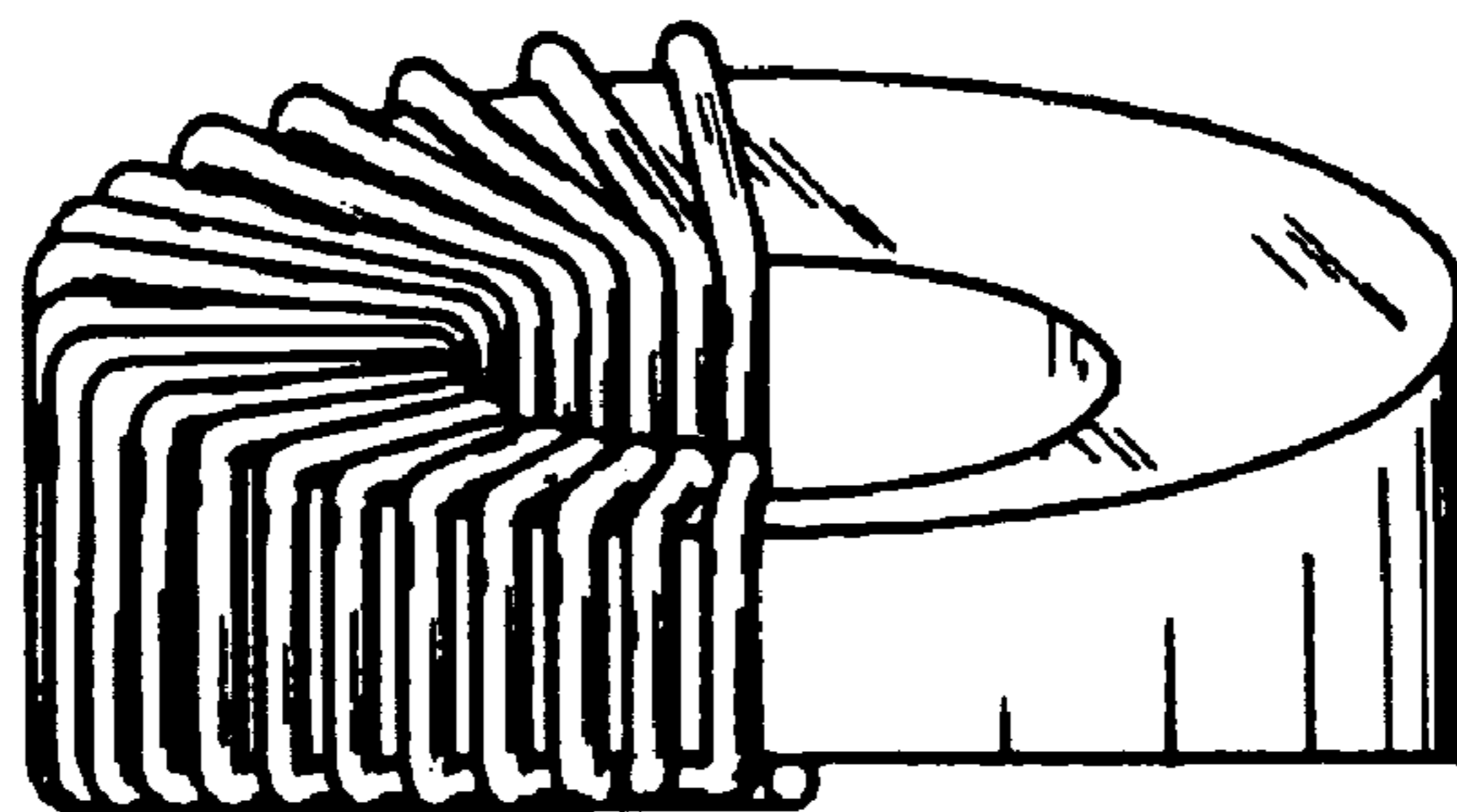


Fig. 6

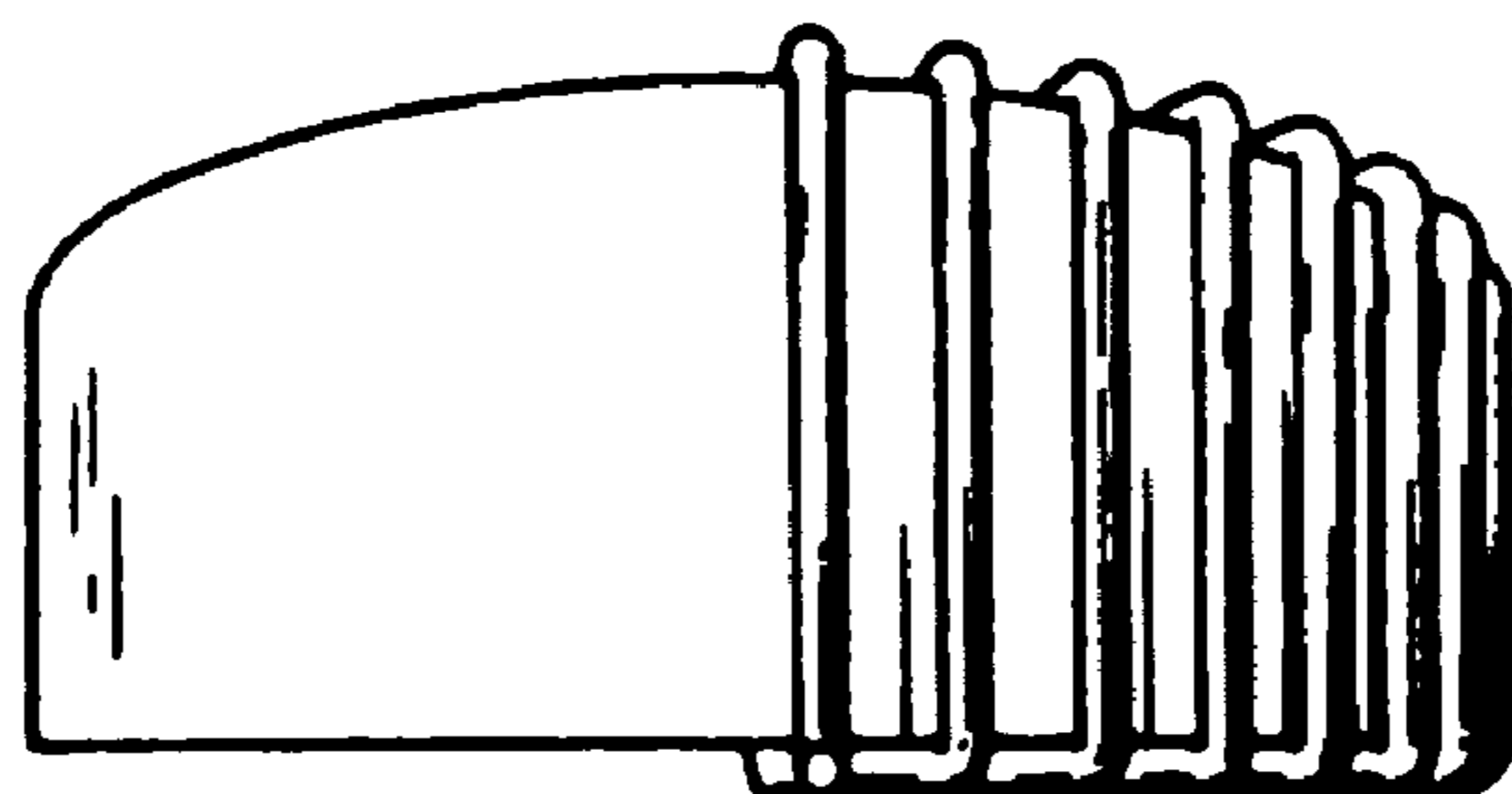


Fig. 7

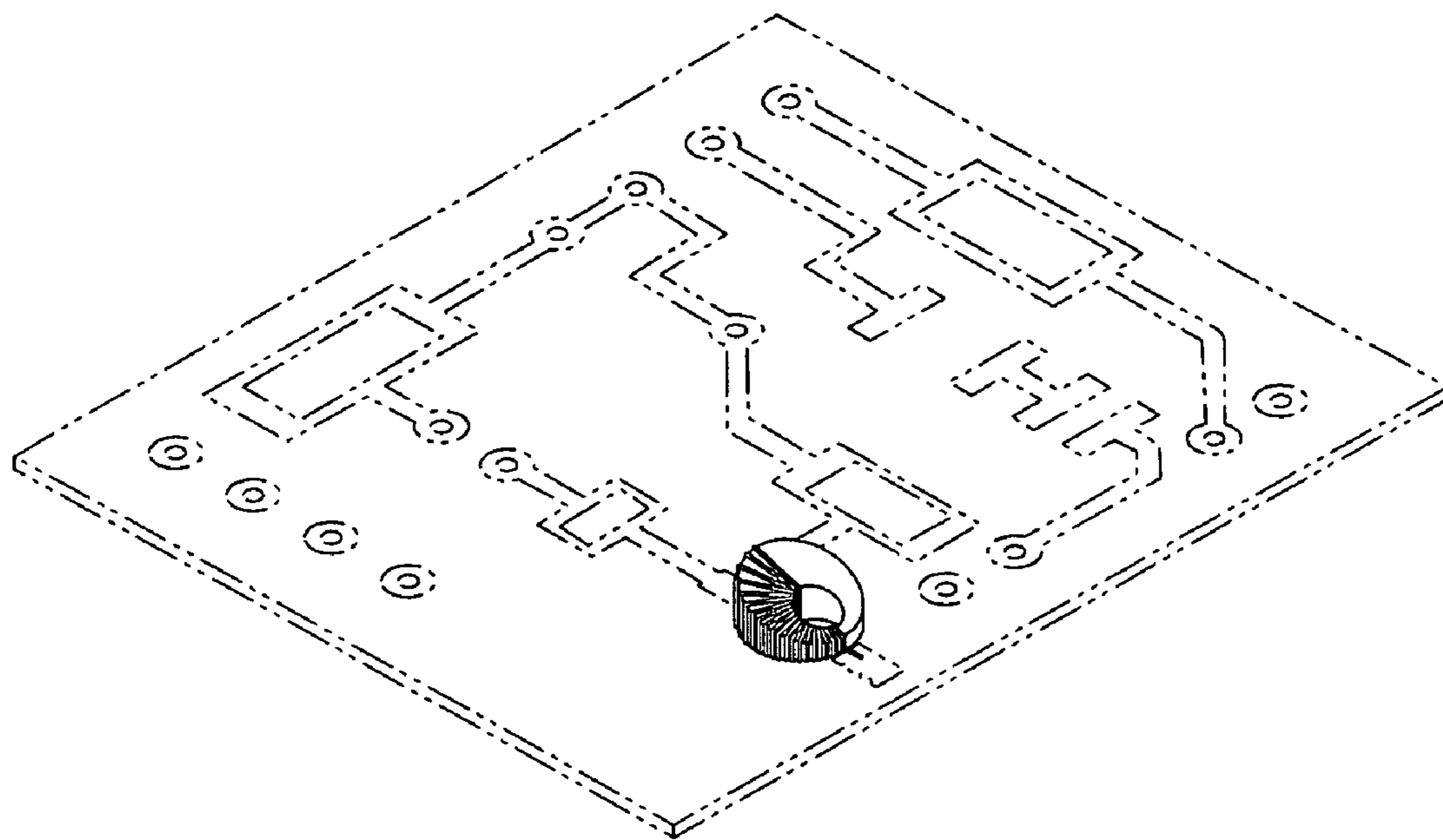


Fig. 8