



US00D418811S

United States Patent [19]
Bunyea et al.

[11] **Patent Number: Des. 418,811**
[45] **Date of Patent: ** Jan. 11, 2000**

[54] **END CAP FOR A BATTERY PACK**
[75] Inventors: **Roderick F. Bunyea**, Westminster, Md.;
Naohiro Hamao, Kanakagawa, Japan;
Alfred H. Judge, Millersville; **Robert I. Somers**, Reisterstown, both of Md.;
Dale K. Wheeler, Fallston, Md.

D. 345,727 4/1994 Flowers et al. D13/103
2,908,155 10/1959 Schumann 70/181
5,718,985 2/1998 Bunyea et al. 429/97
5,836,214 11/1998 Marquis 74/558.5

[73] Assignee: **Black & Decker Inc.**, Newark, Del.
[**] Term: **14 Years**

Primary Examiner—Joel Sincavage
Attorney, Agent, or Firm—Bruce S. Shapiro; Dennis A. Dearing; John D. Del Ponti

[21] Appl. No.: **29/090,813**
[22] Filed: **Jul. 16, 1998**

[57] **CLAIM**
The ornamental design for an end cap for a battery pack, as shown and described.

Related U.S. Application Data

DESCRIPTION

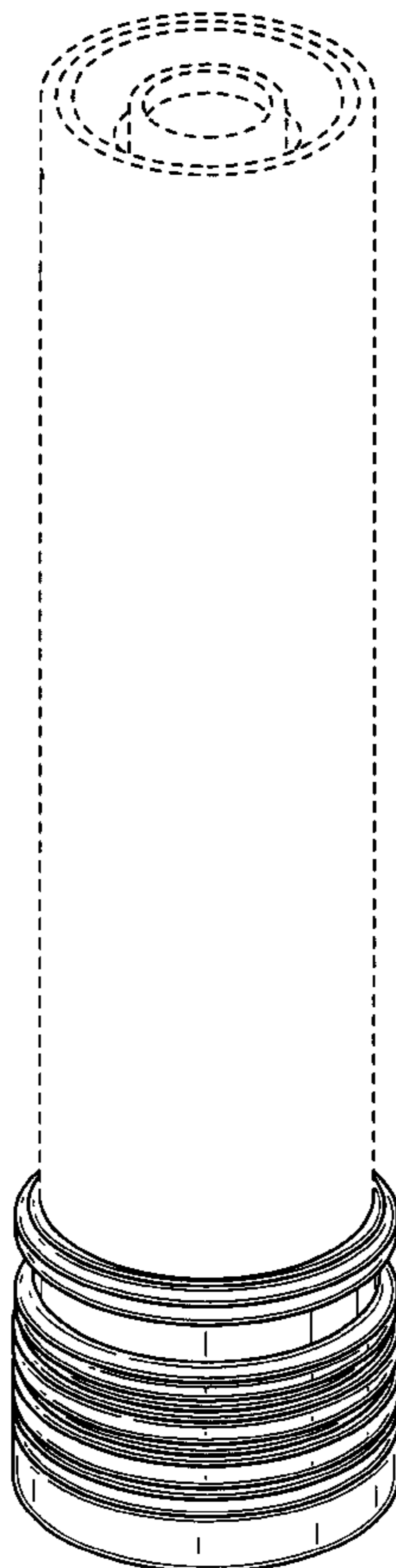
[63] Continuation of application No. 29/065,730, Nov. 20, 1996, Pat. No. Des. 401,901, which is a continuation of application No. 29/045,190, Aug. 9, 1995, Pat. No. Des. 376,579, which is a continuation of application No. 29/027,000, Aug. 11, 1994, abandoned.
[51] **LOC (7) Cl.** **13-02**
[52] **U.S. Cl.** **D13/119**
[58] **Field of Search** D13/103, 119; D8/310, 312, 378; 429/96-100, 163, 176

FIG. 1 is a perspective view of an end cap for a battery pack showing our new design.
FIG. 2 is a side elevational view of the end cap shown in FIG. 1. In side elevation, the pack is symmetrical about its longitudinal axis. All side elevational views of the cap regardless of the line of sight are identical; and,
FIG. 3 is a top plan view of the end cap of FIG. 1.
In the above Figures, the use of broken lines is for illustrative purposes only to show the environment of the invention. The material shown in broken lines does not form part of the claimed design.

[56] **References Cited**
U.S. PATENT DOCUMENTS

D. 333,697 3/1993 Thomas D23/250

1 Claim, 2 Drawing Sheets



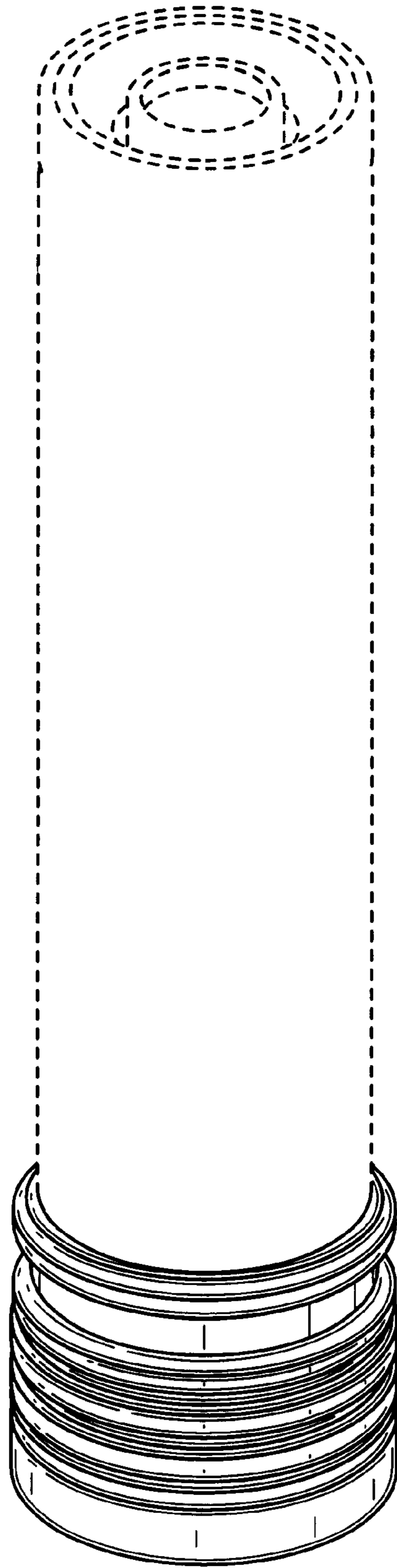


FIG. 1

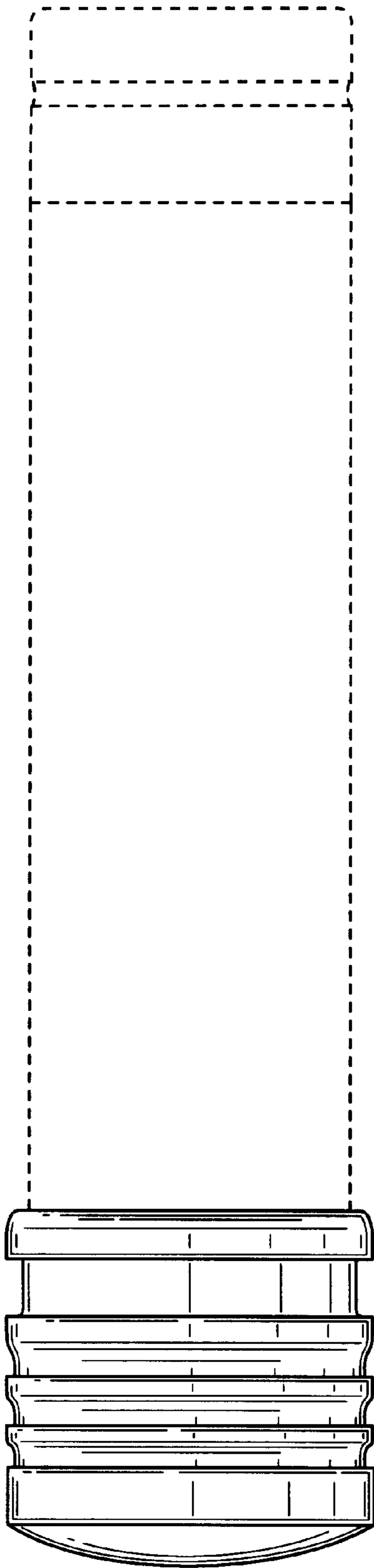


FIG. 2

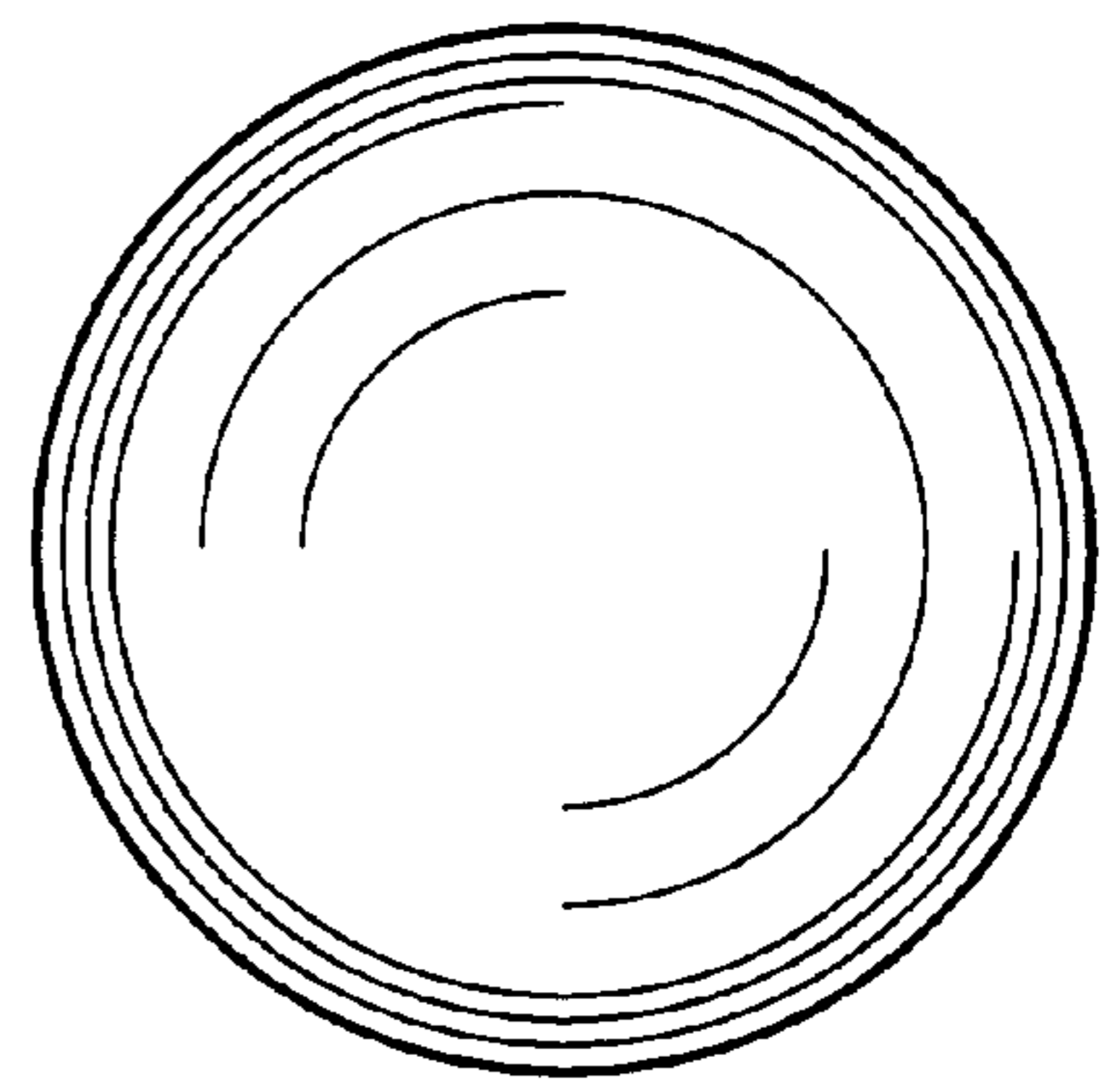


FIG. 3