



US00D349567S

# United States Patent [19]

Miller et al.

[11] Patent Number: **Des. 349,567**

[45] Date of Patent: **\*\* Aug. 9, 1994**

## [54] CYLINDRICAL FILTER ELEMENT

[75] Inventors: **John D. Miller, Ithaca; Kenneth M. Williamson, LaFayette, both of N.Y.**

[73] Assignee: **Pall Corporation, East Hills, N.Y.**

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

[21] Appl. No.: **682,452**

[22] Filed: **Apr. 9, 1991**

[52] U.S. Cl. .... **D23/365**

[58] Field of Search ..... **55/520; 210/493.4; D23/365**

### [56] References Cited

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*Attorney, Agent, or Firm*—Leydig, Voit & Mayer

### [57] CLAIM

The ornamental design for a cylindrical filter element, as shown and described.

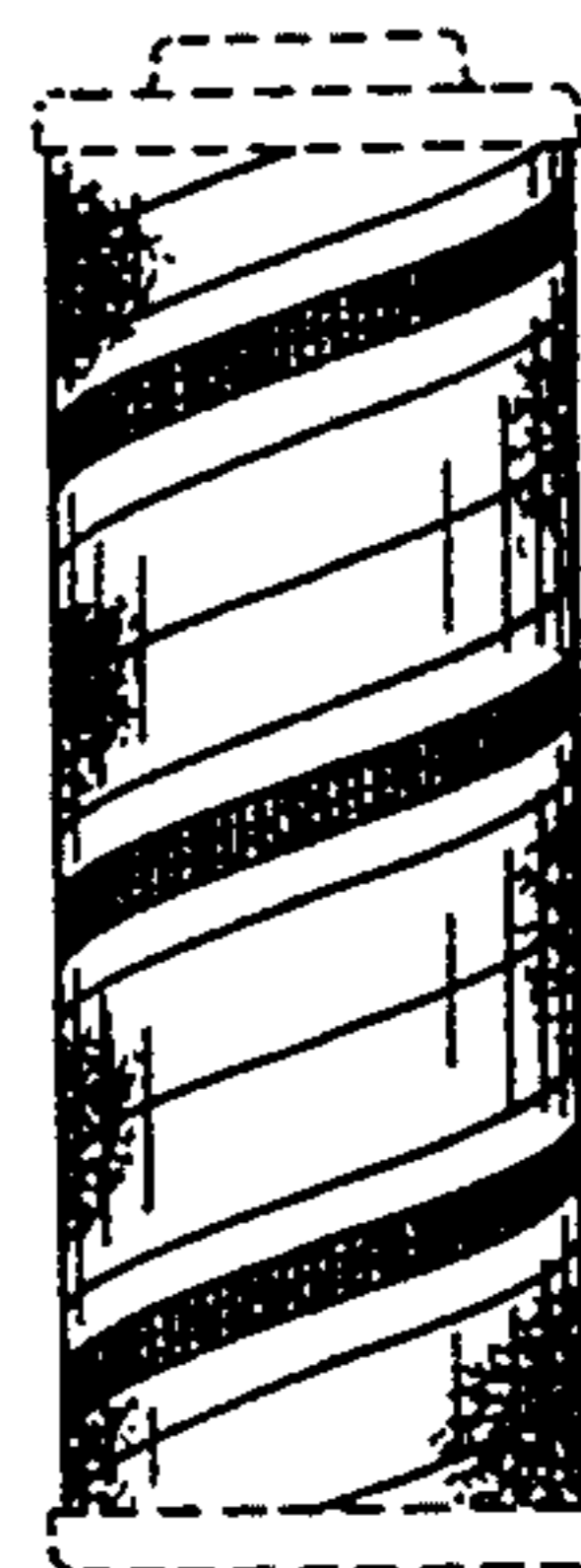
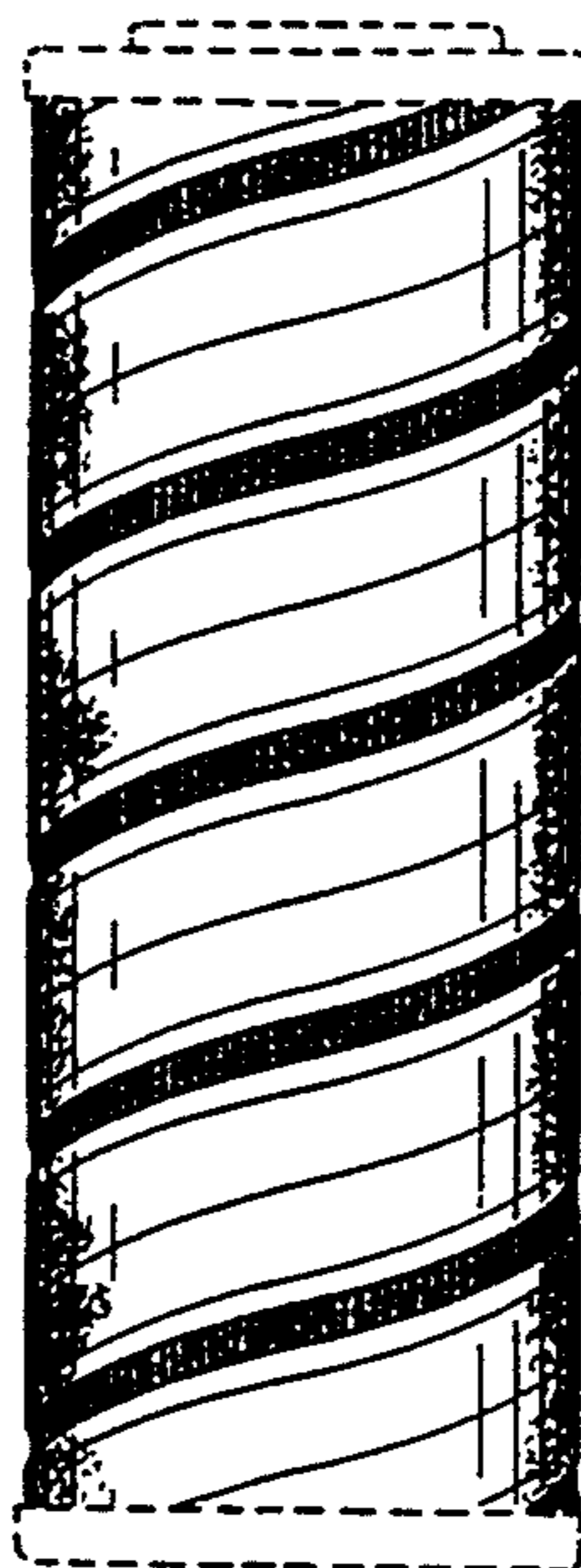
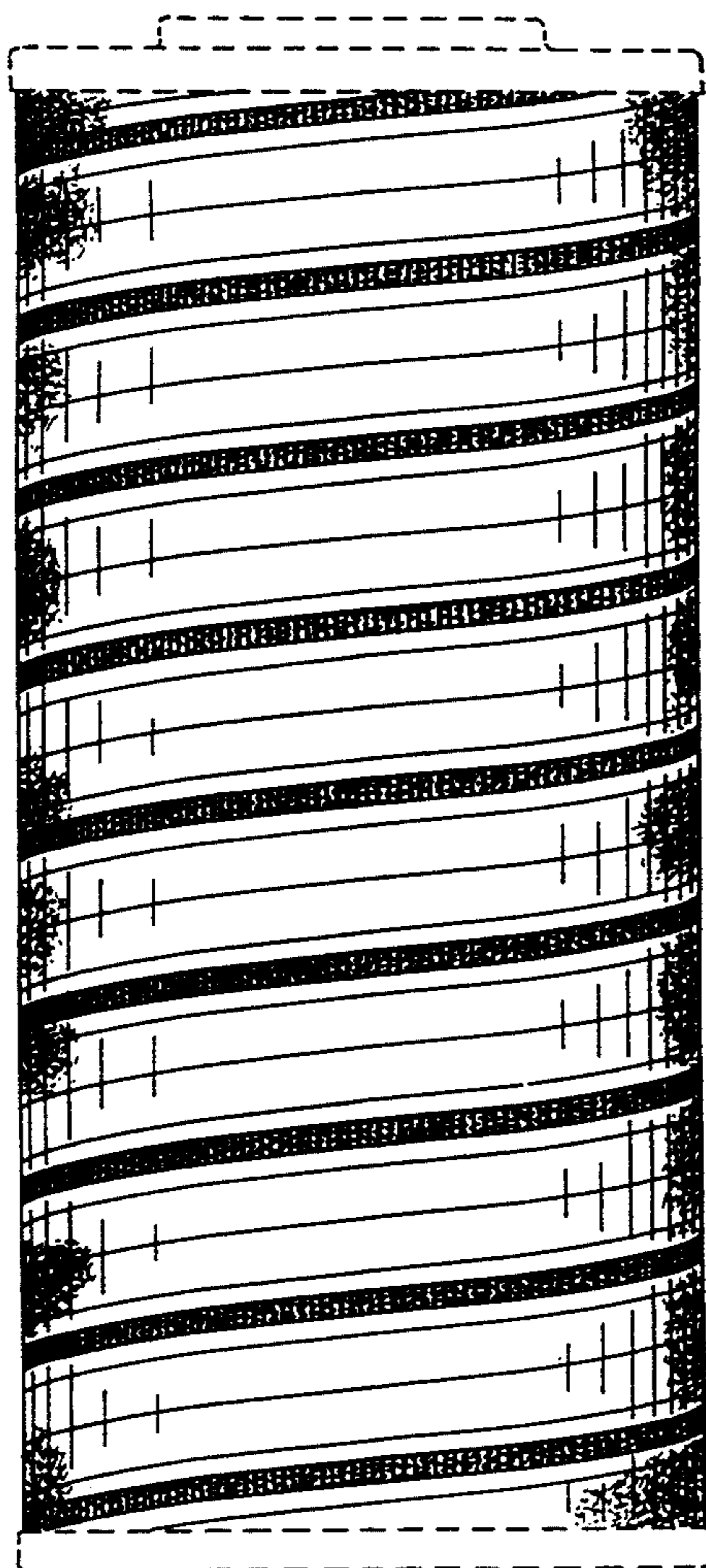
### DESCRIPTION

FIG. 1 is a front elevation view of a cylindrical filter element showing our new design having a continuous spiral parallel bead pattern;

FIG. 2 is a front elevation view of a cylindrical filter element showing a second embodiment of our new design having a continuous spiral parallel bead pattern; and,

FIG. 3 is a front elevation view of a cylindrical filter element showing a third embodiment of our new design having a continuous spiral parallel bead pattern.

The broken line showing of environmental structure in FIGS. 1-3 is for illustrative purposes only and forms no part of the claimed design.



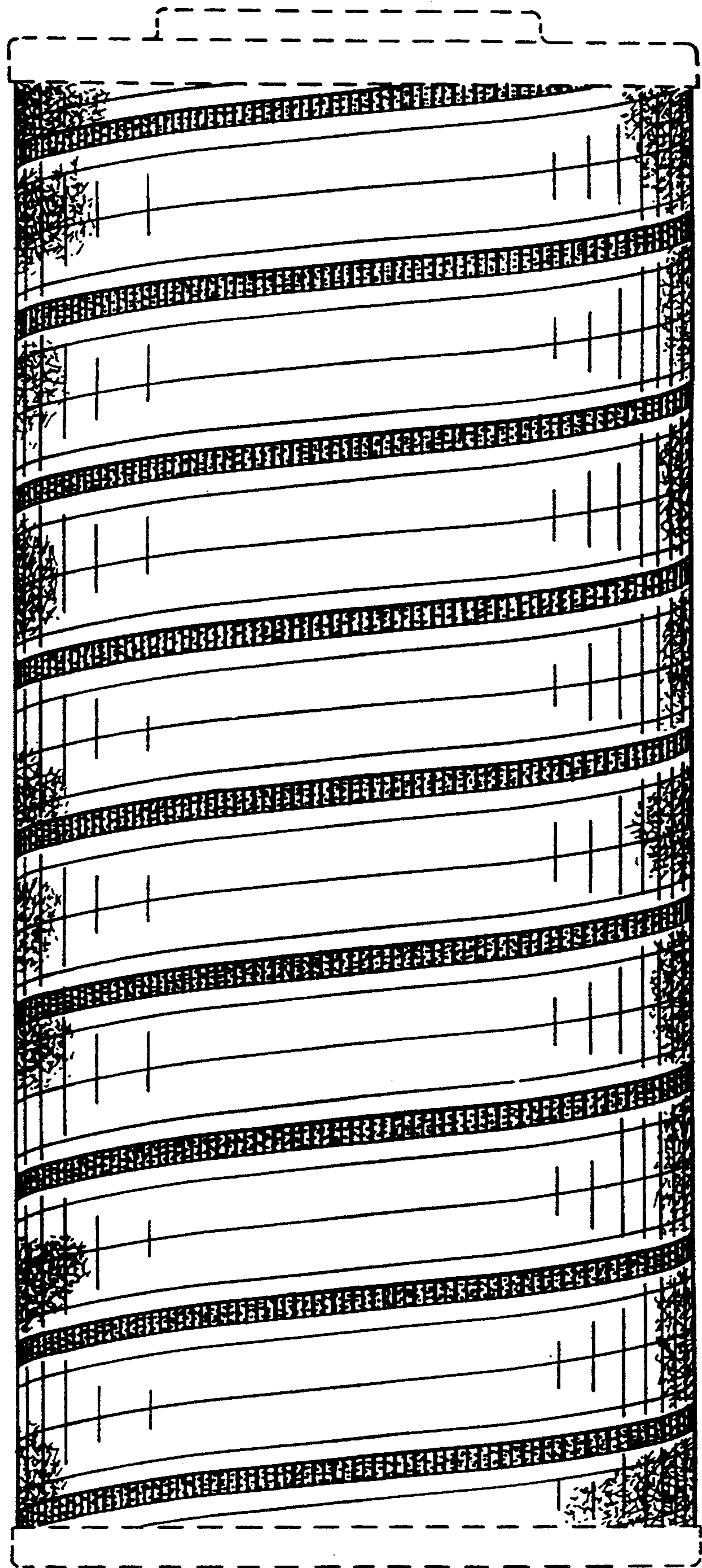


FIG. 1

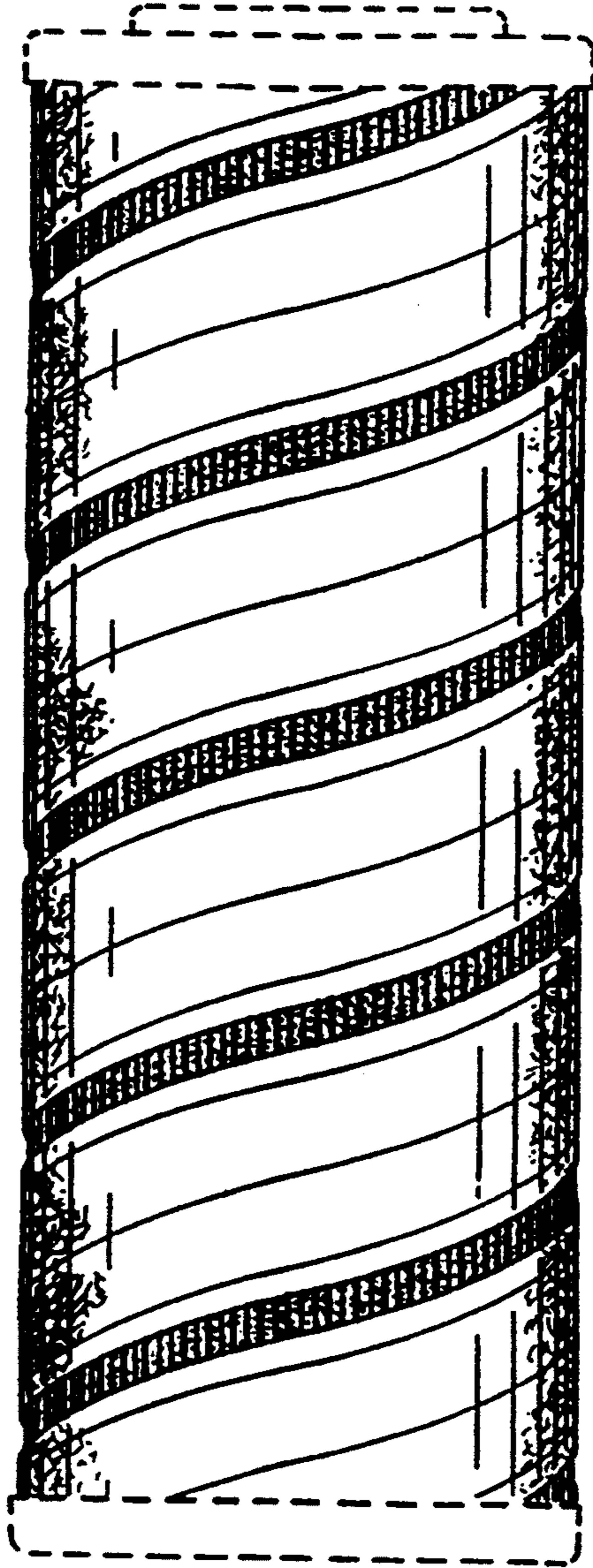


FIG. 2

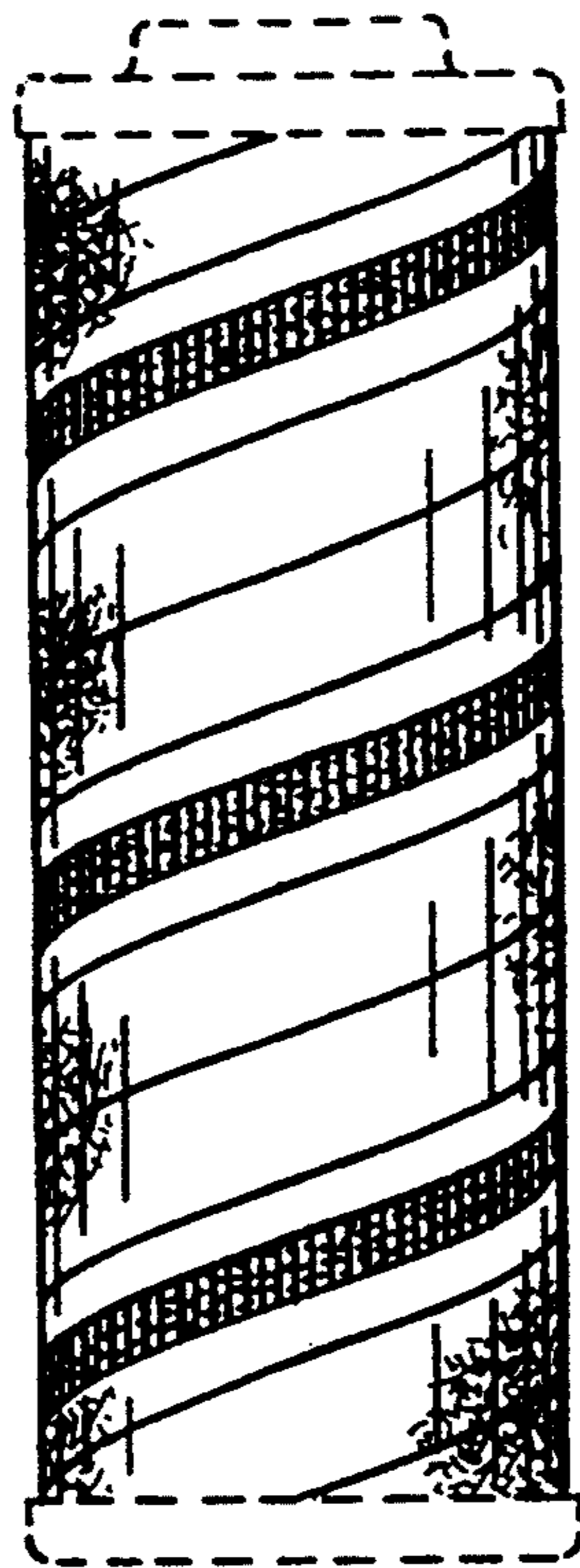


FIG. 3

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : Des. 349,567

DATED : August 9, 1994

INVENTOR(S) : John D. Miller, Kenneth M. Williamson

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

**On the title page:**

In the Description, Line 11, insert new paragraph

-- A characteristic feature of the design resides in parallel beads visible through a spiral wrap. In preferred embodiments, three parallel beads are visible through the spiral wrap. Another feature characteristic of the design resides in a constant ratio between the width of the spiral wrap and the width of the gap between adjacent turns of the spiral wrap, regardless of the diameter or length of the cylindrical filter elements. In preferred embodiments, the width of the spiral wrap remains constant and the width of the gap remains constant, regardless of the diameter or length of the cylindrical filter elements.--.

Signed and Sealed this

Twenty-fifth Day of October, 1994

Attest:



BRUCE LEHMAN

Attesting Officer

Commissioner of Patents and Trademarks