



US00D427680S

United States Patent [19]

Mariant et al.

[11] **Patent Number: Des. 427,680**

[45] **Date of Patent: ** Jul. 4, 2000**

[54] **SPIRAL VASO-OCCLUSION COIL**

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5,476,472 12/1995 Dormandy, Jr. et al. 606/151

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[73] Assignee: **Target Therapeutics, Inc.**, Fremont, Calif.

[57] CLAIM

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

The ornamental design for a spiral vaso-occlusive coil, as shown and described.

[21] Appl. No.: **29/109,561**

DESCRIPTION

[22] Filed: **Aug. 18, 1999**

Related U.S. Application Data

[62] Division of application No. 29/091,691, Aug. 4, 1998, Pat. No. Des. 421,304, which is a division of application No. 29/071,249, May 23, 1997, Pat. No. Des. 411,618, which is a division of application No. 29/037,001, Mar. 31, 1995, Pat. No. Des. 407,818.

FIG. 1 is a perspective view of a first embodiment of the spiral vaso-occlusion coil embodying my new design; FIG. 2 is a top view thereof; FIG. 3 is a right side view thereof; FIG. 4 is a left side view thereof; FIG. 5 is a front view thereof; FIG. 6 is a rear view thereof; FIG. 7 is a bottom view thereof; and, FIG. 8 is a perspective view of a second embodiment of the spiral vaso-occlusion coil embodying my design, with random fibers replacing the bunched fibers of the first embodiment, the undisclosed left side, right side, front, rear, top and bottom views being substantially the same as the first embodiment.

[51] **LOC (7) Cl.** **24-02**

[52] **U.S. Cl.** **D24/143**

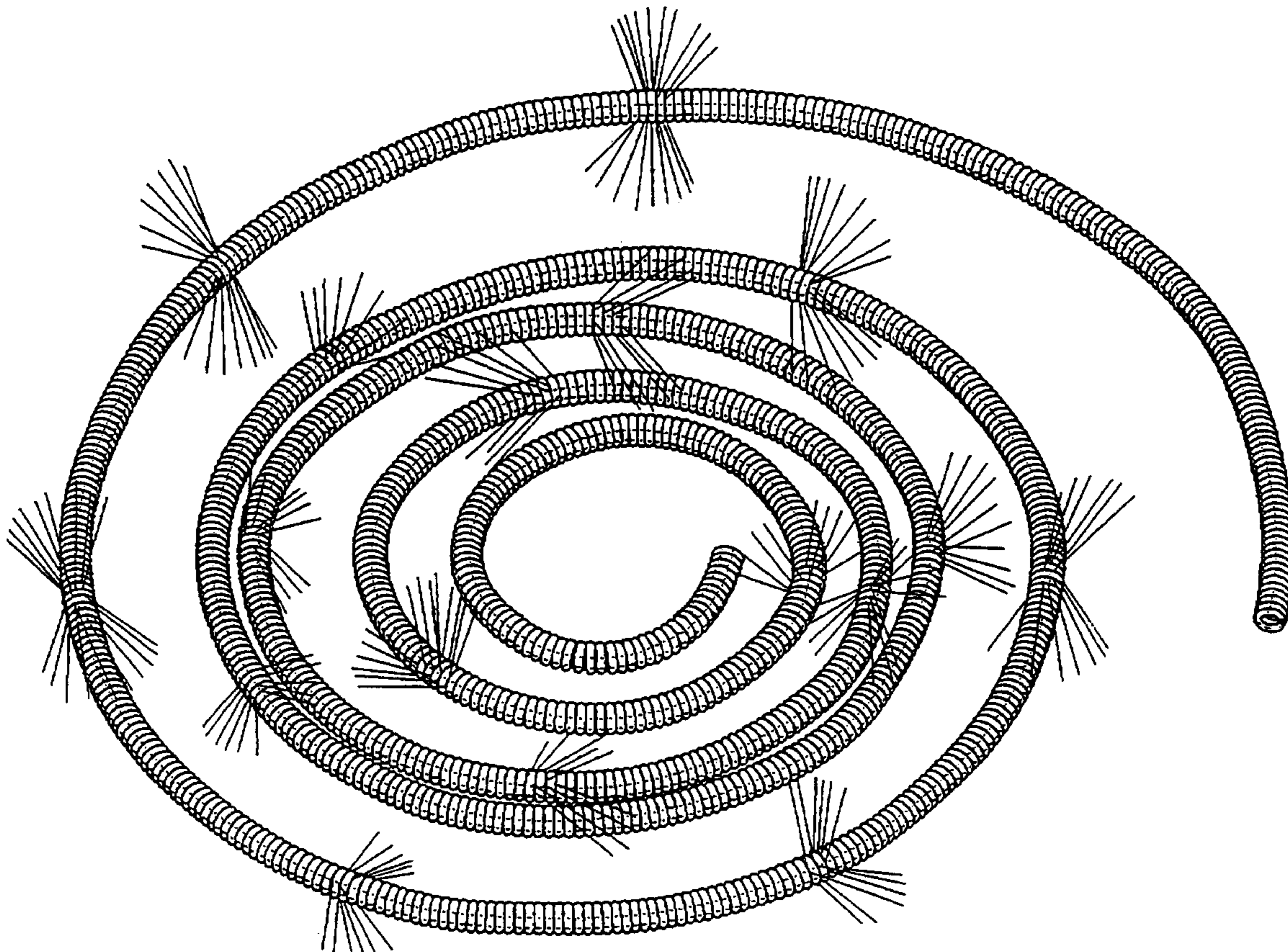
[58] **Field of Search** D24/143, 155, D24/169, 151; 606/191, 198, 194, 200; 604/96, 164, 104; 623/1, 11, 12

[56] References Cited

U.S. PATENT DOCUMENTS

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1 Claim, 6 Drawing Sheets



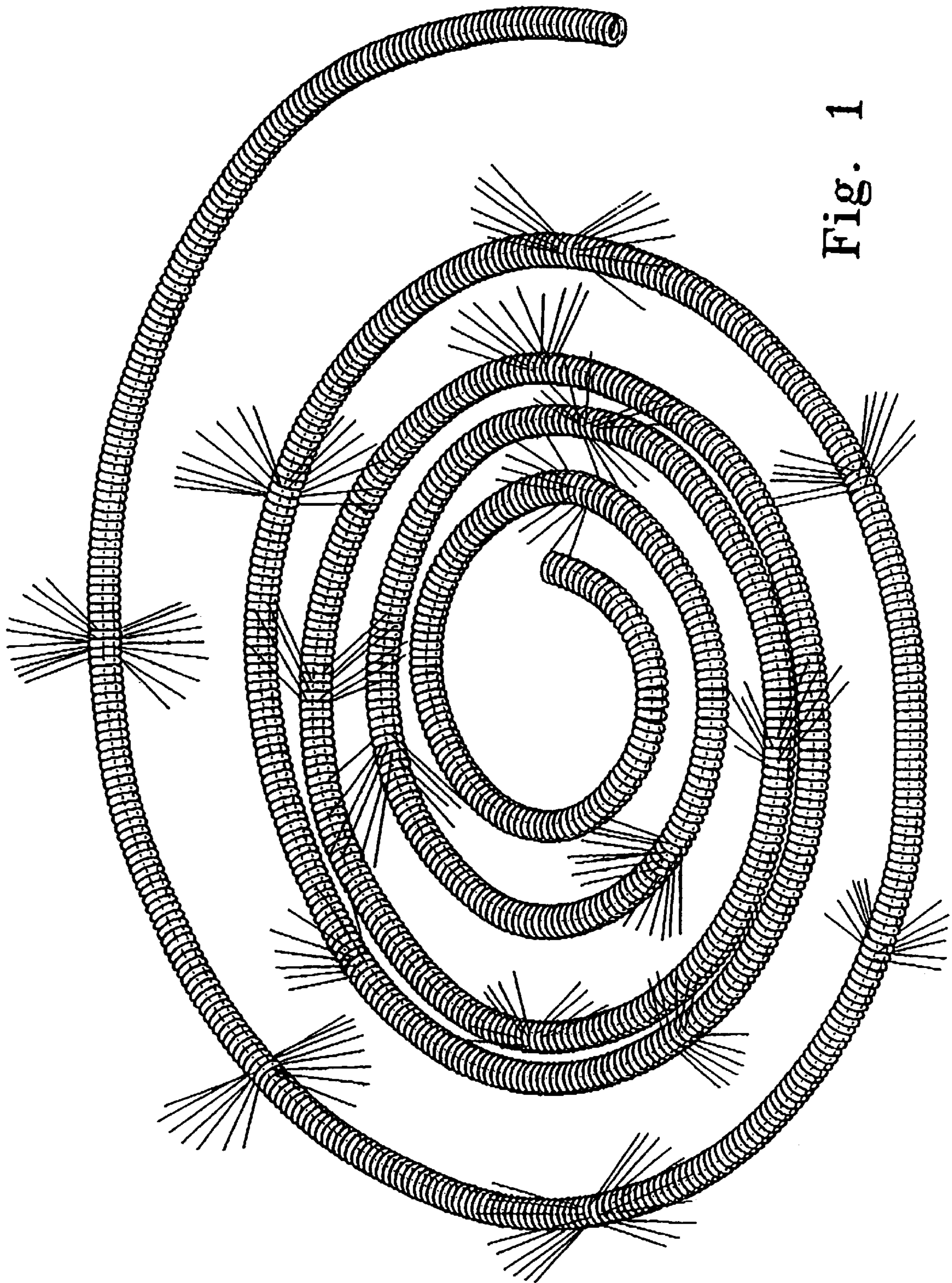
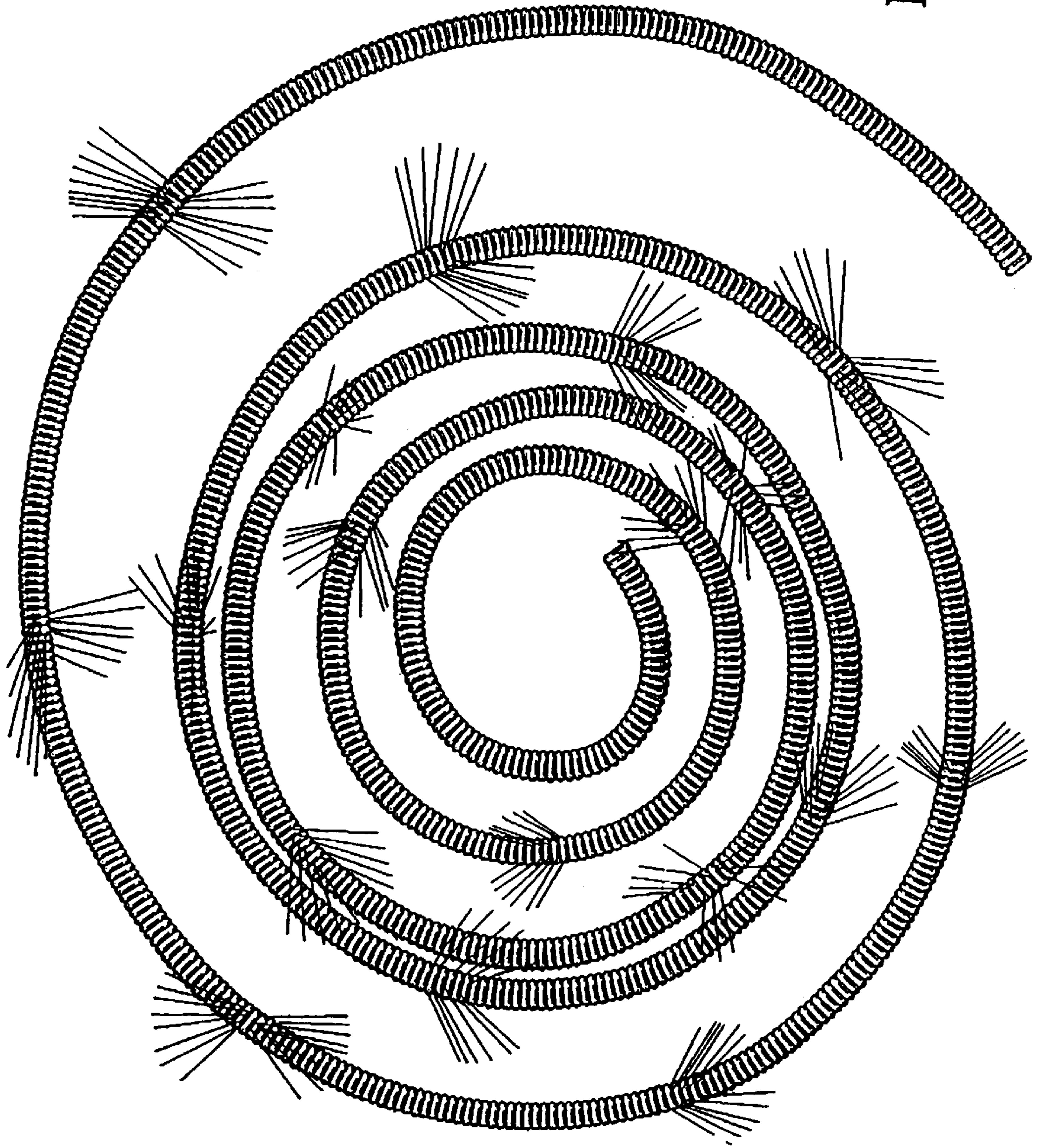


Fig. 1

Fig. 2



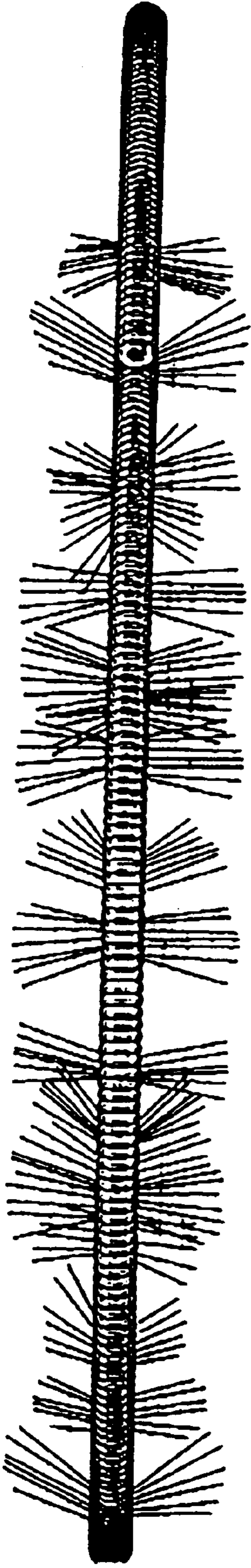


Fig. 3

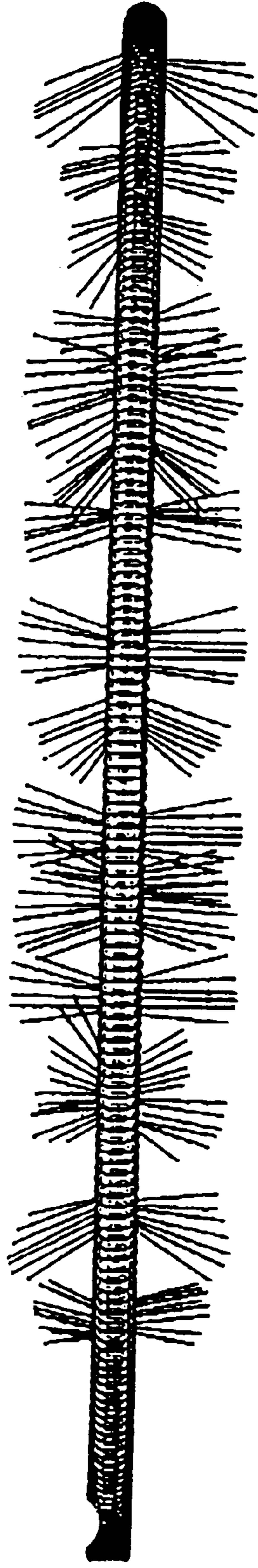


Fig. 4

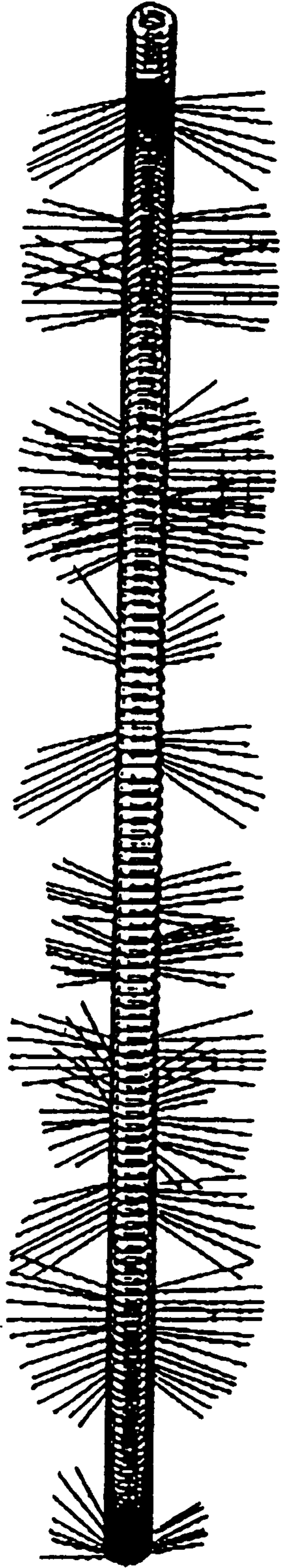


Fig. 5

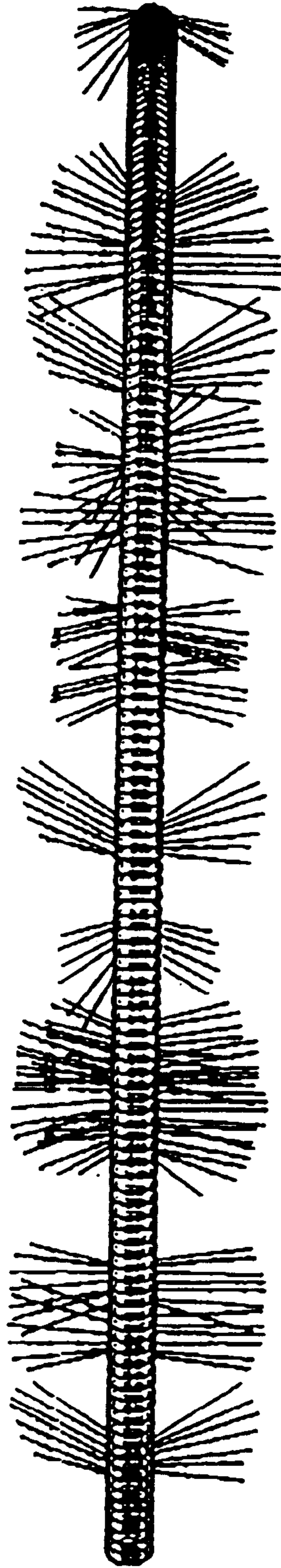


Fig. 6

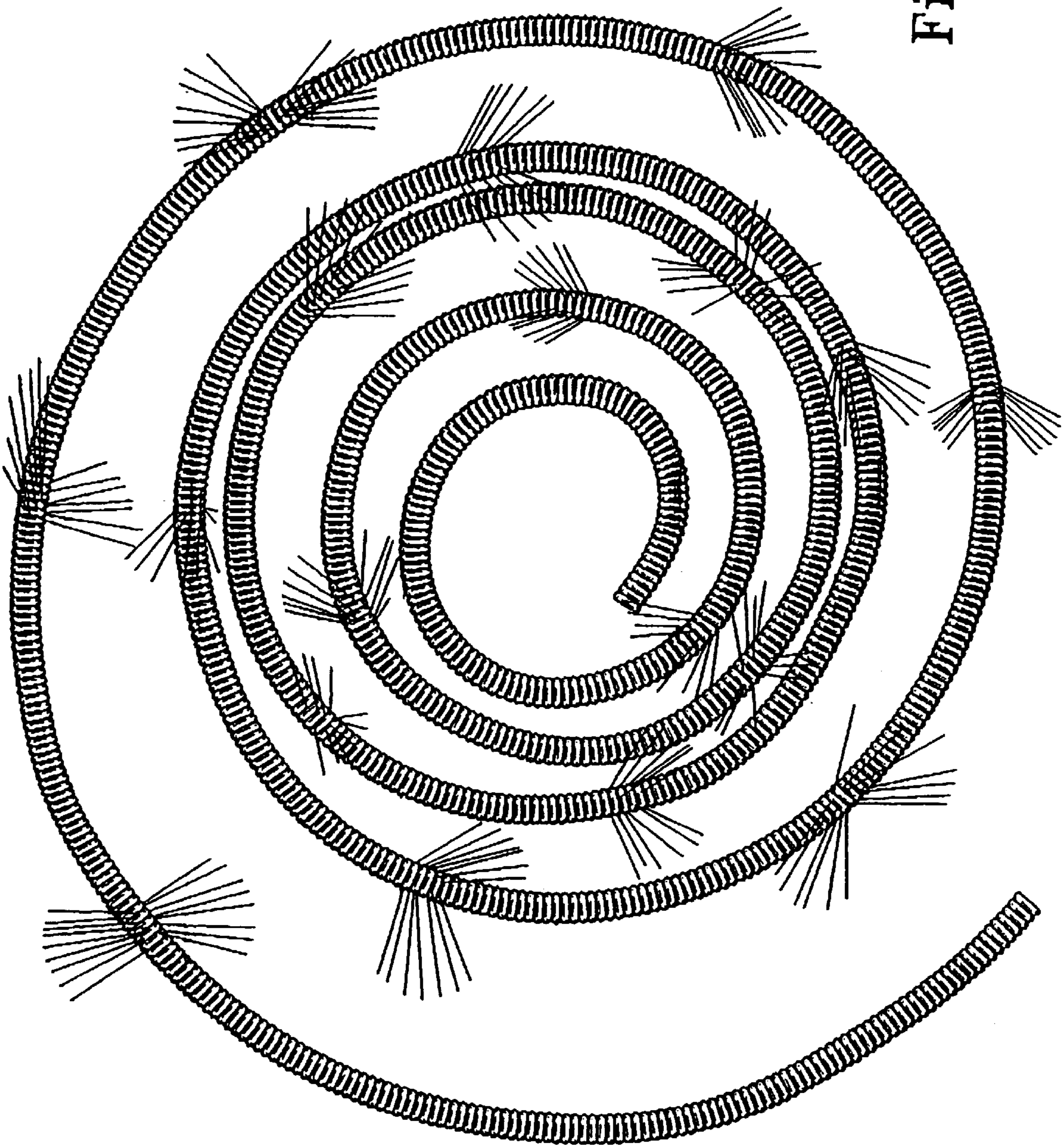


Fig. 7

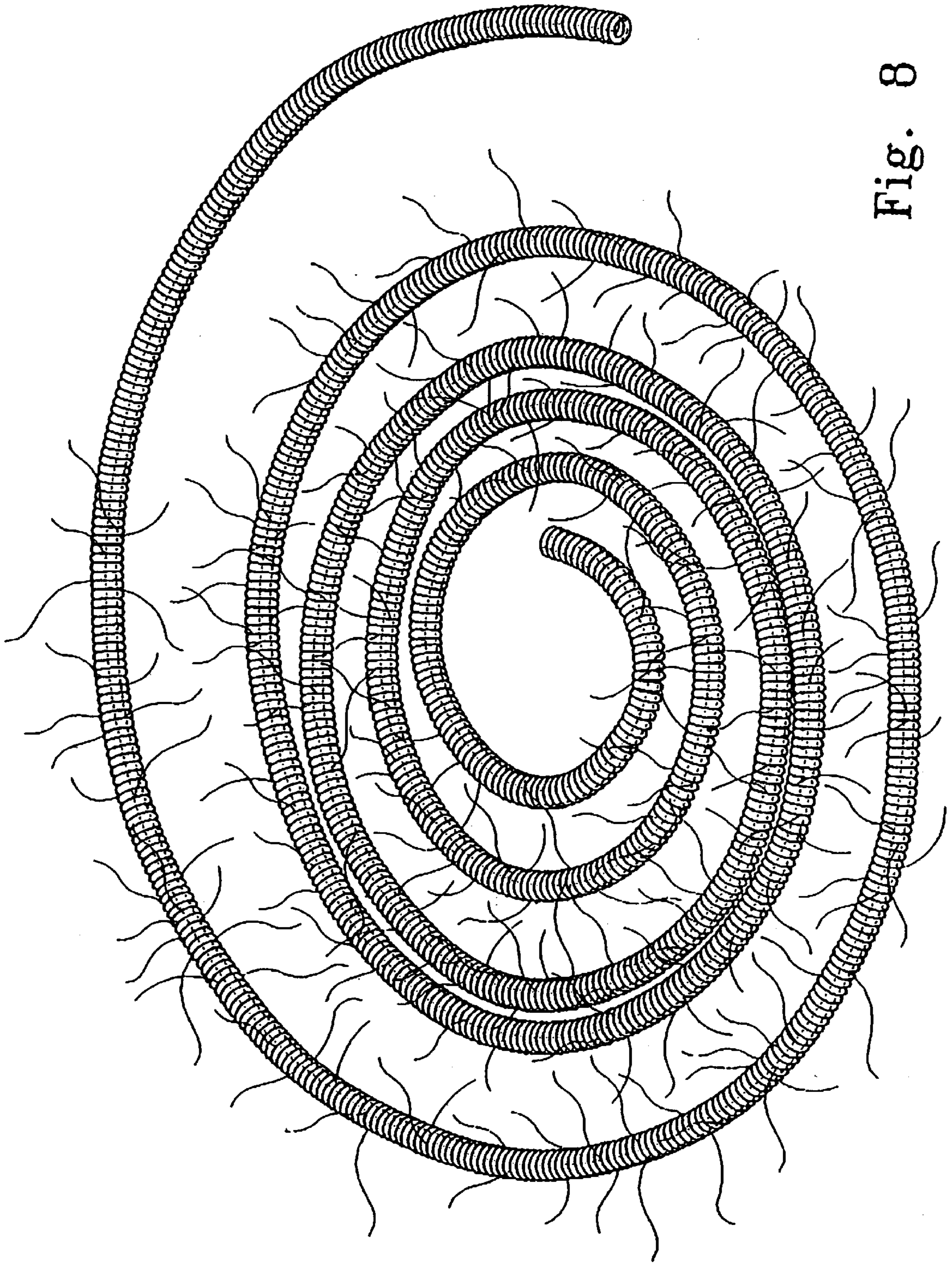


Fig. 8