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United States Patent [19]

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Mariant et al.

[45] Date of Patent: ** Feb. 29, 2000

[54] SPIRAL VASO-OCCLUSION COIL

[57] CLAIM

[75] Inventors: **Michael Mariant**, San Jose; **Thomas J. Palermo**, Mountain View, both of Calif.

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

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

DESCRIPTION

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

FIG. 1 is a perspective view of an embodiment of the spiral vaso-occlusion coil embodying my design; FIG. 2 is a top elevational 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;

[21] Appl. No.: **29/091,691**

[22] Filed: **Aug. 4, 1998**

FIG. 8 is a perspective view of a second embodiment of the spiral vaso-occlusion coil embodying my design, with bundled fibers replacing the random 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; and,

Related U.S. Application Data

[62] Division of application No. 29/037,001, Mar. 31, 1995, Pat. No. Des. 407,818.

[51] LOC (6) Cl. **24-02**

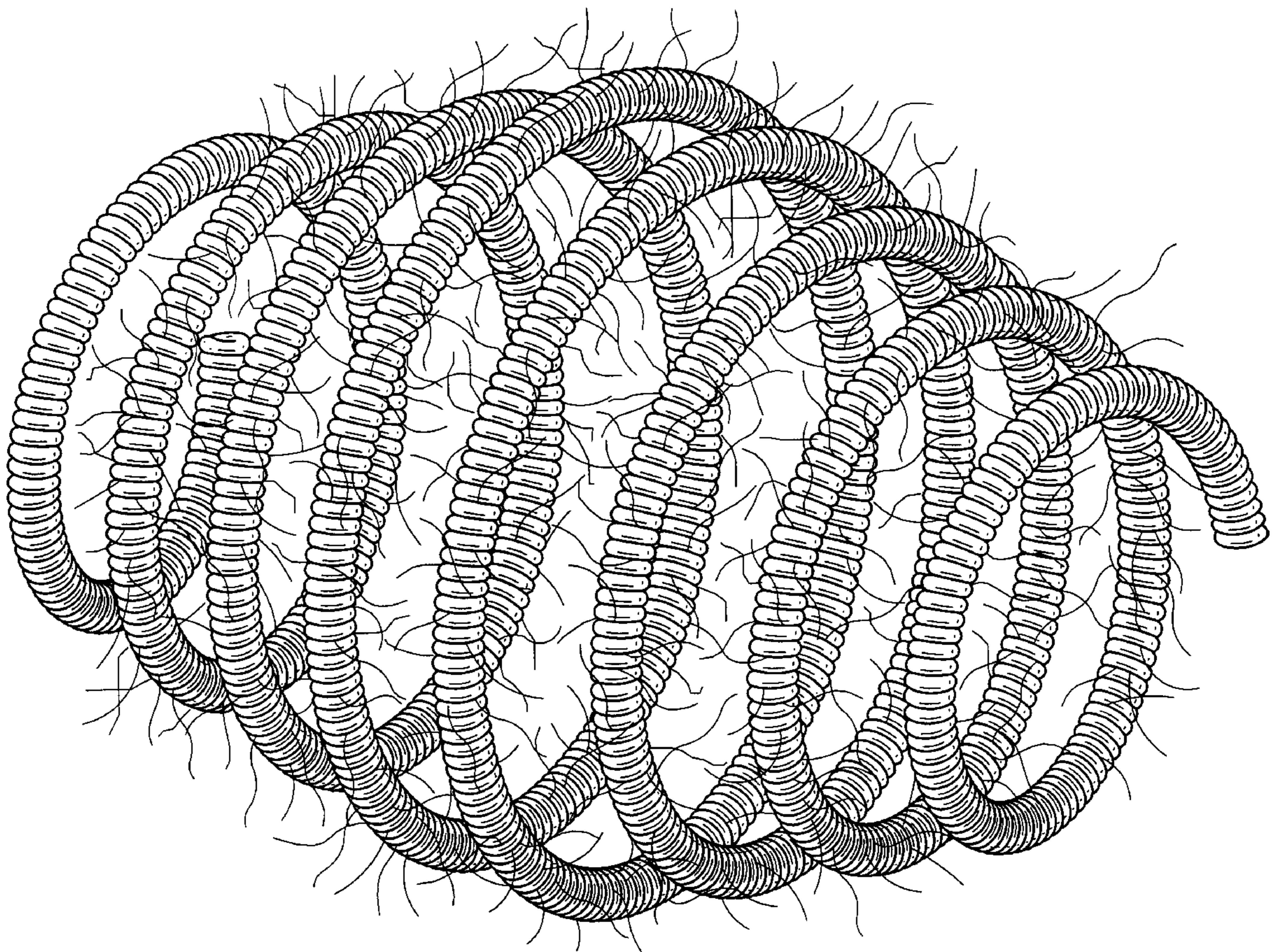
[52] U.S. Cl. **D24/143**

[58] Field of Search D24/143, 155, D24/169, 151; 606/192, 191, 200, 198, 194, 151, 157; 604/104, 96, 164; 623/1, 11, 12

FIG. 9 is a perspective view of an third embodiment of the spiral vaso-occlusion coil embodying my design, with long random fibers replacing the random 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.

Primary Examiner—Doris Clark
Attorney, Agent, or Firm—Morrison & Foerster LLP

1 Claim, 9 Drawing Sheets



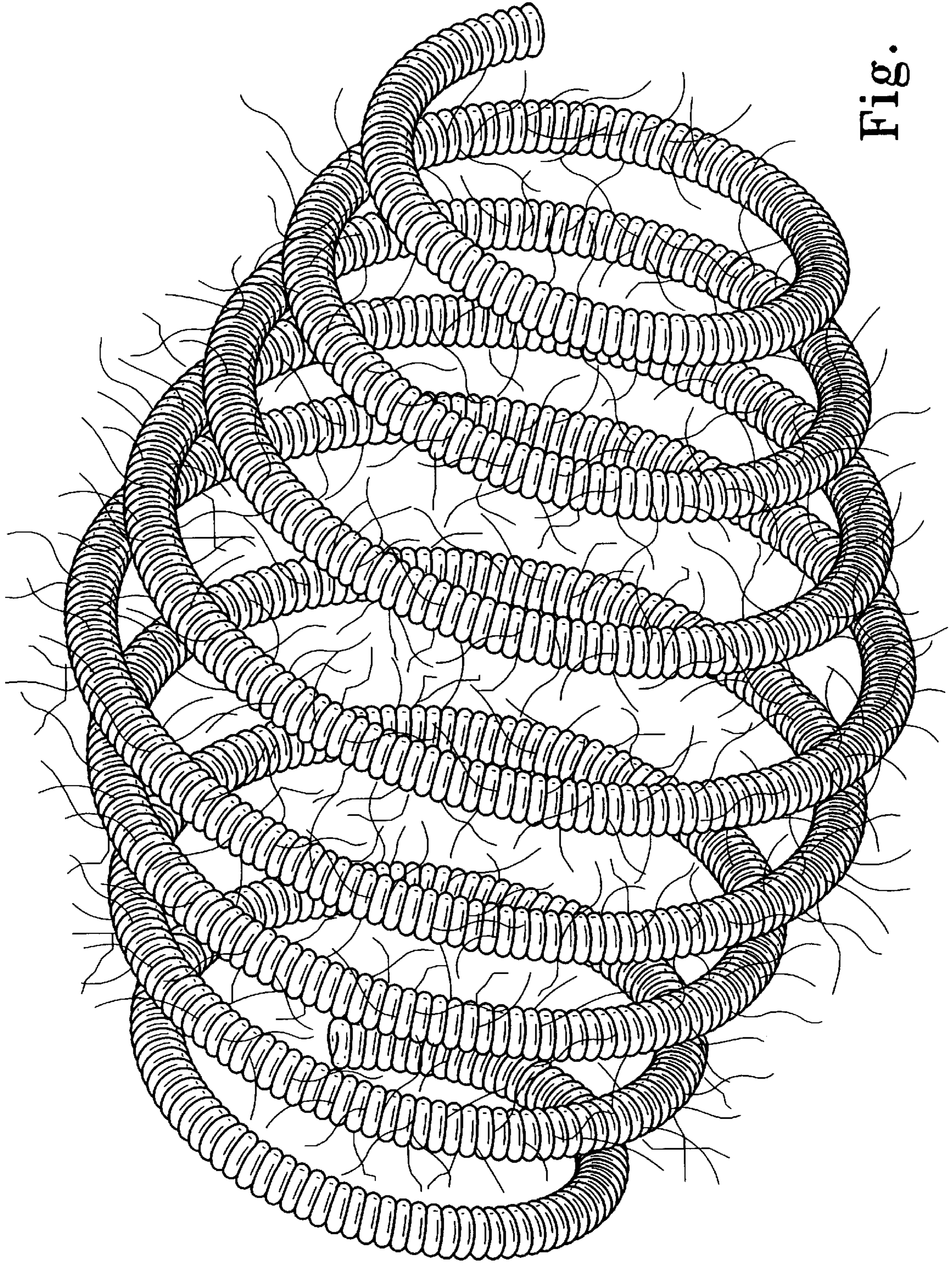


Fig. 1

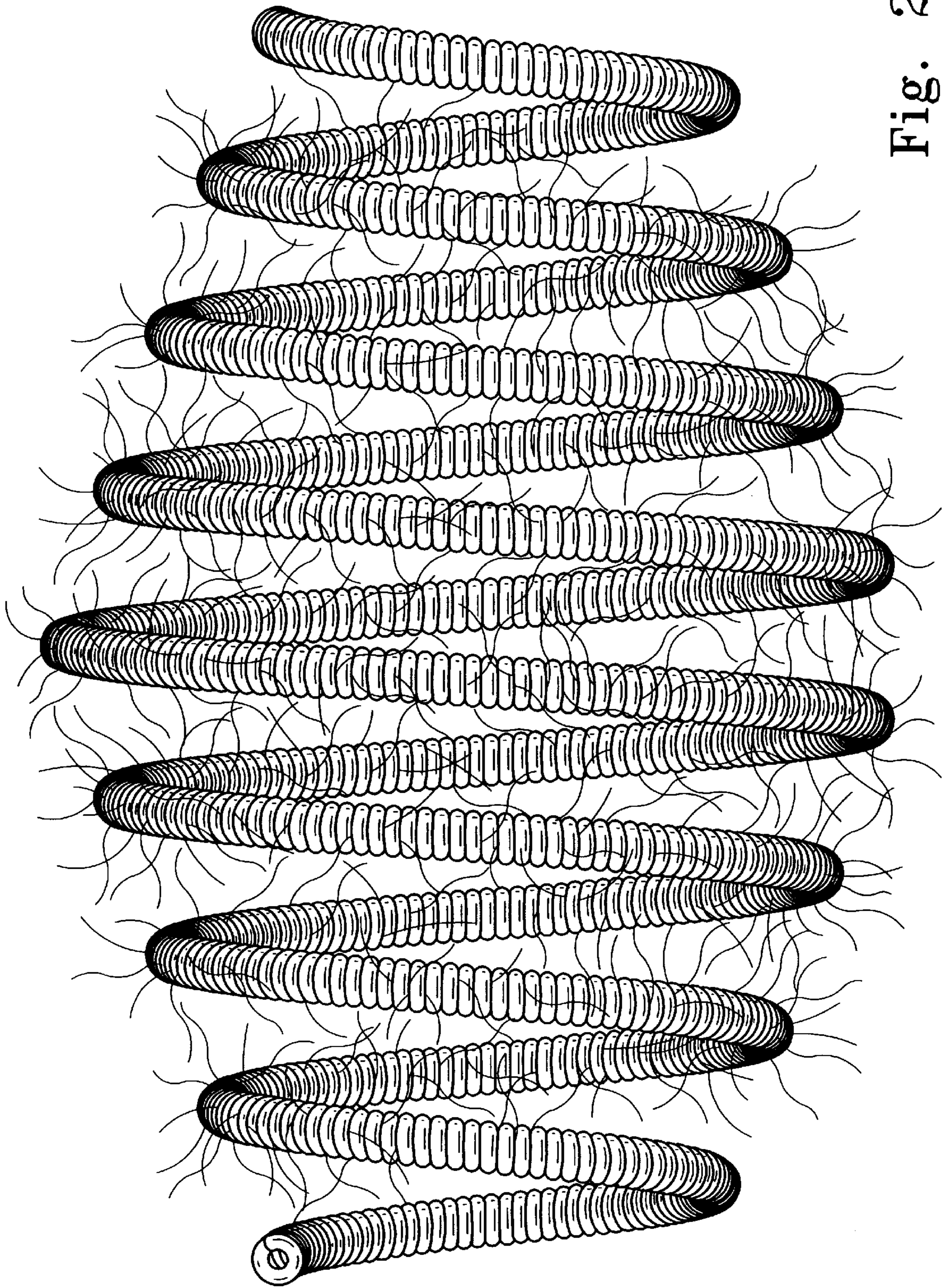


Fig. 2

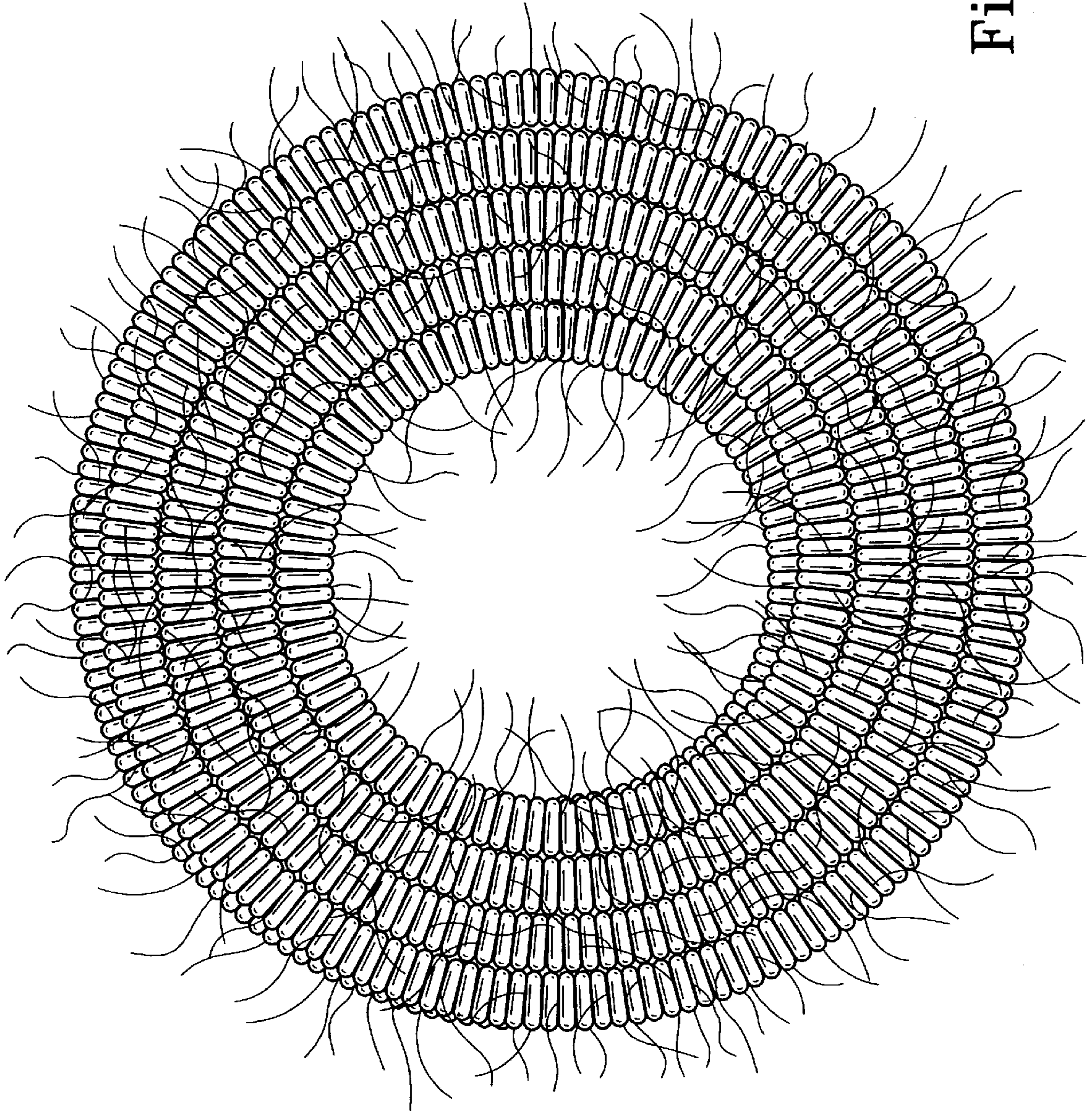


Fig. 3

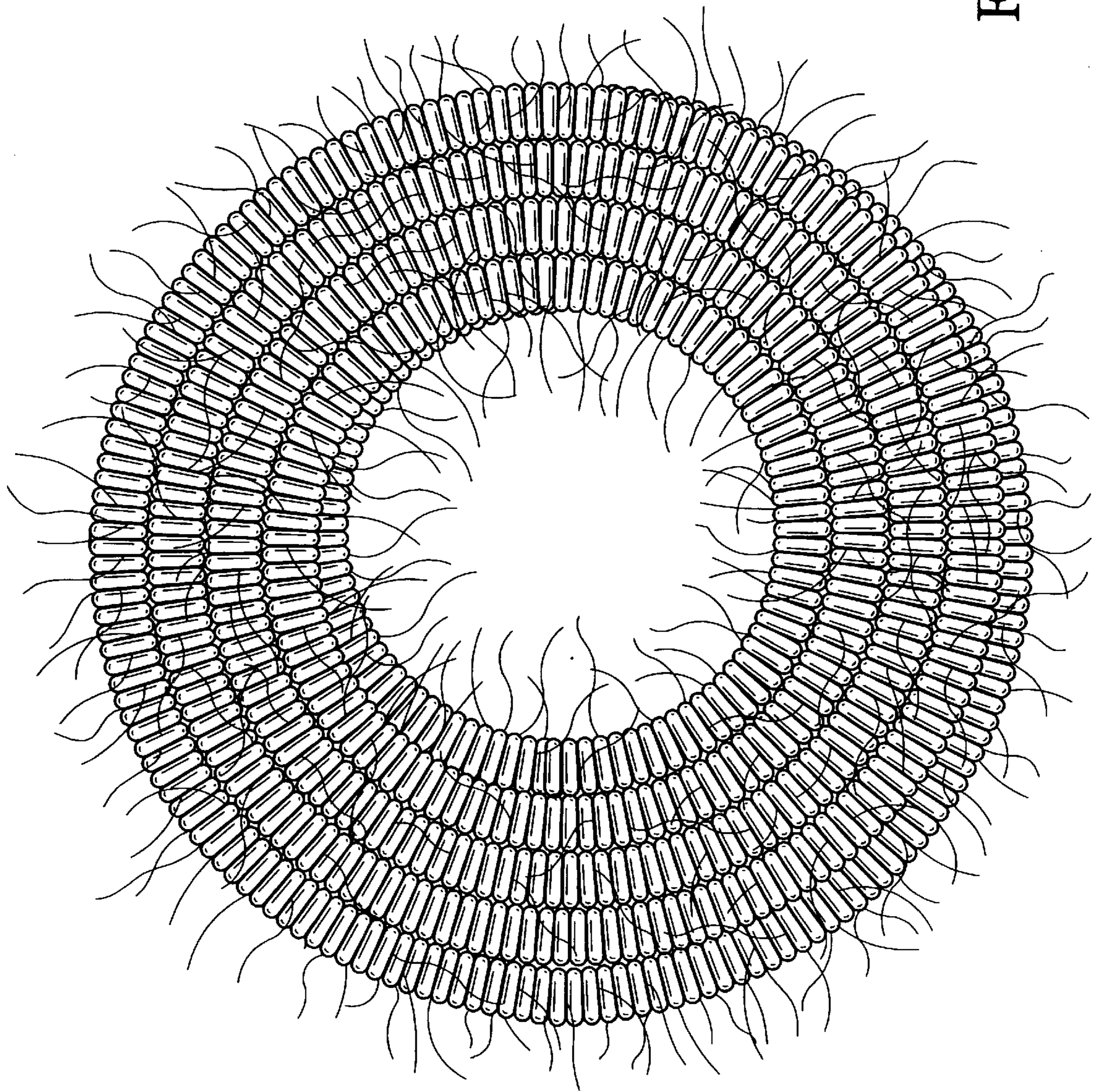


Fig. 4

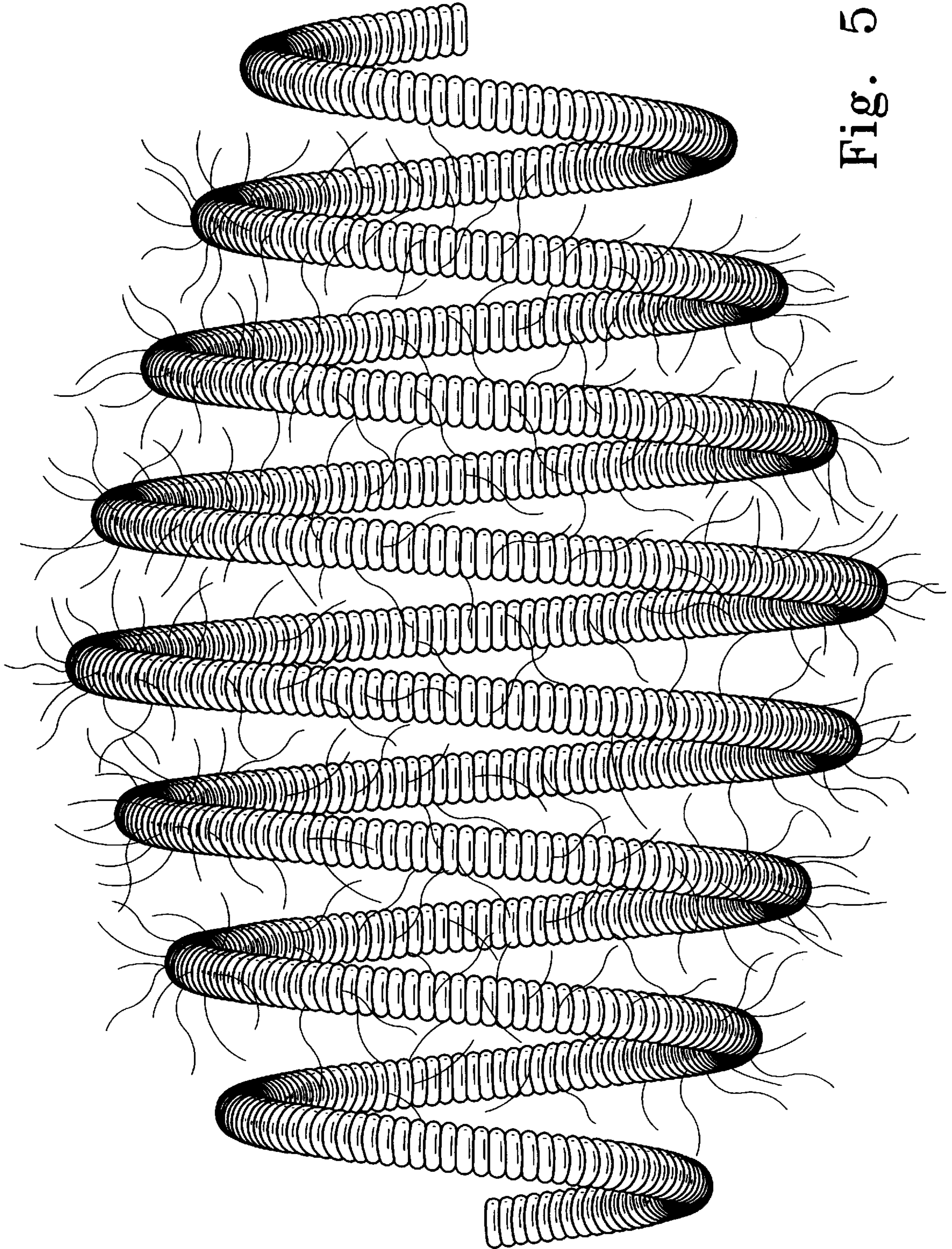


Fig. 5

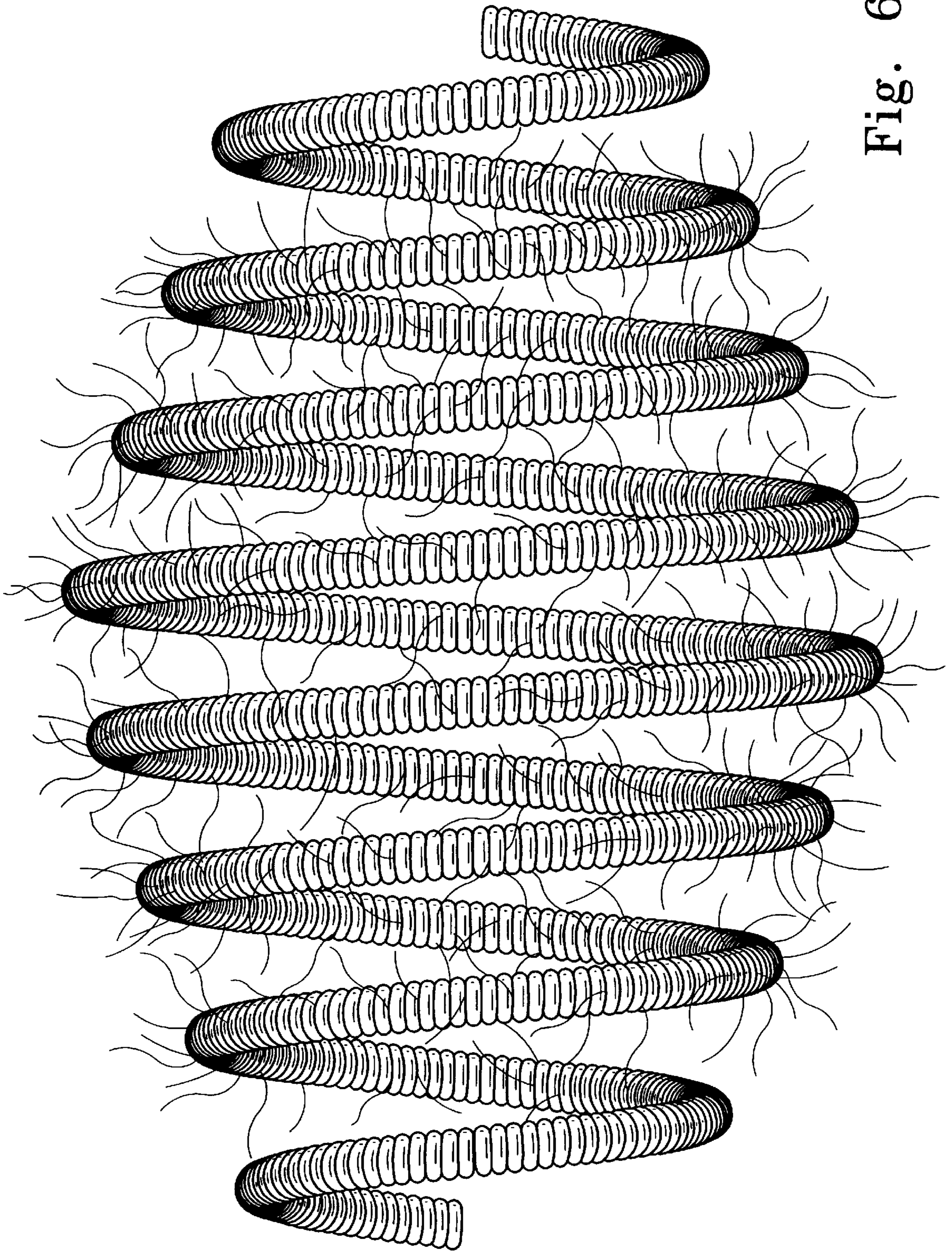


Fig. 6

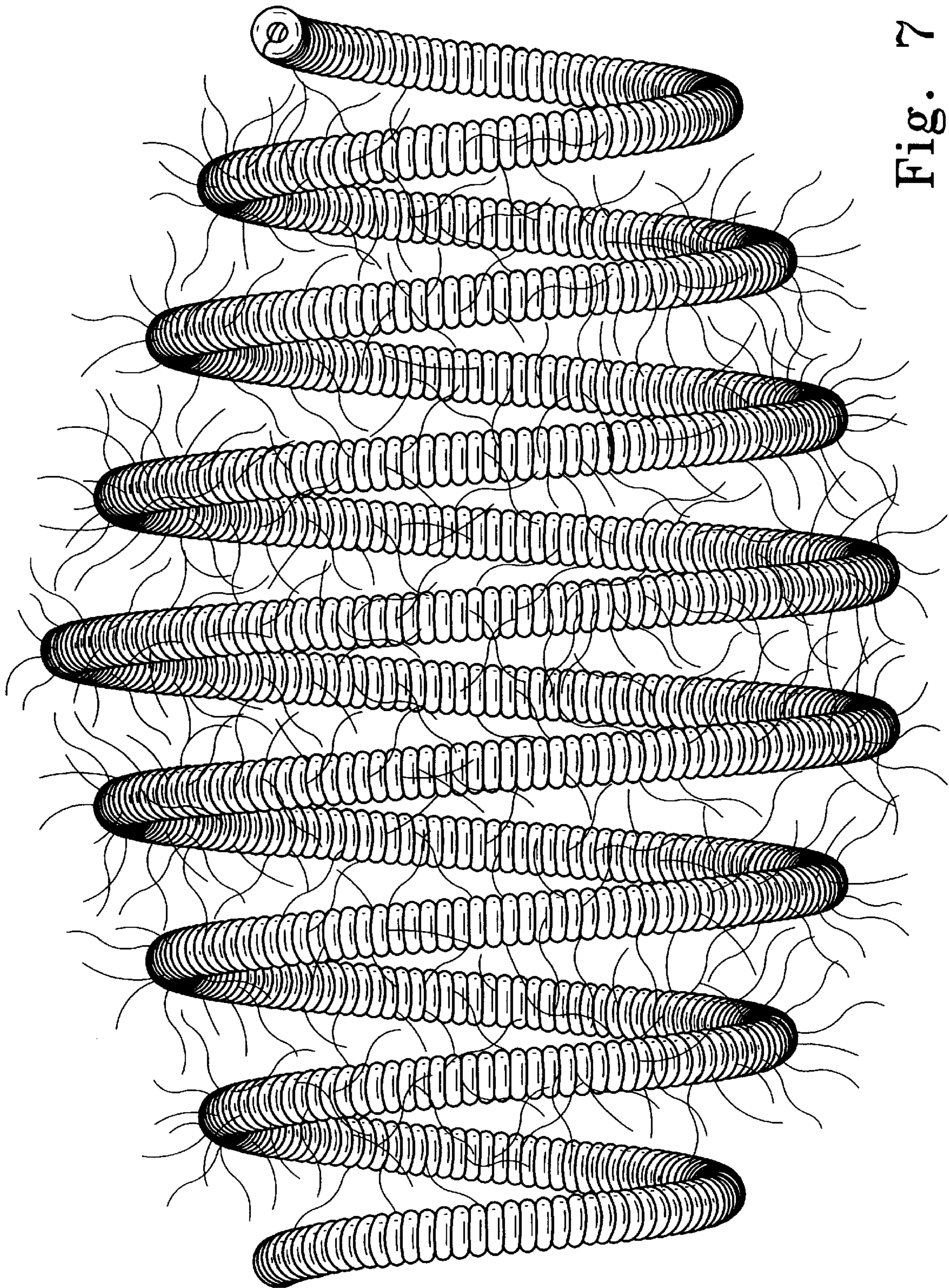


Fig. 7

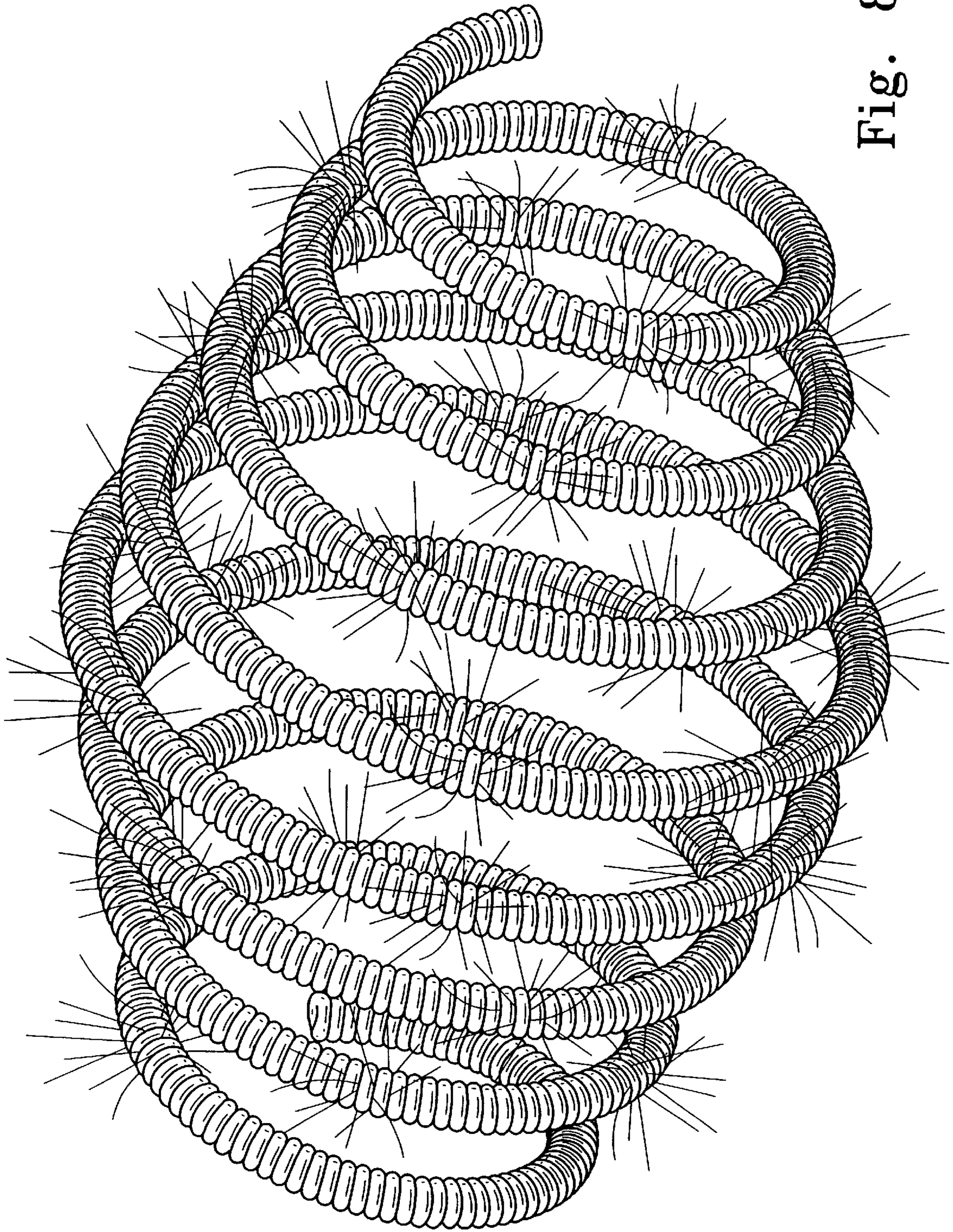


Fig. 8

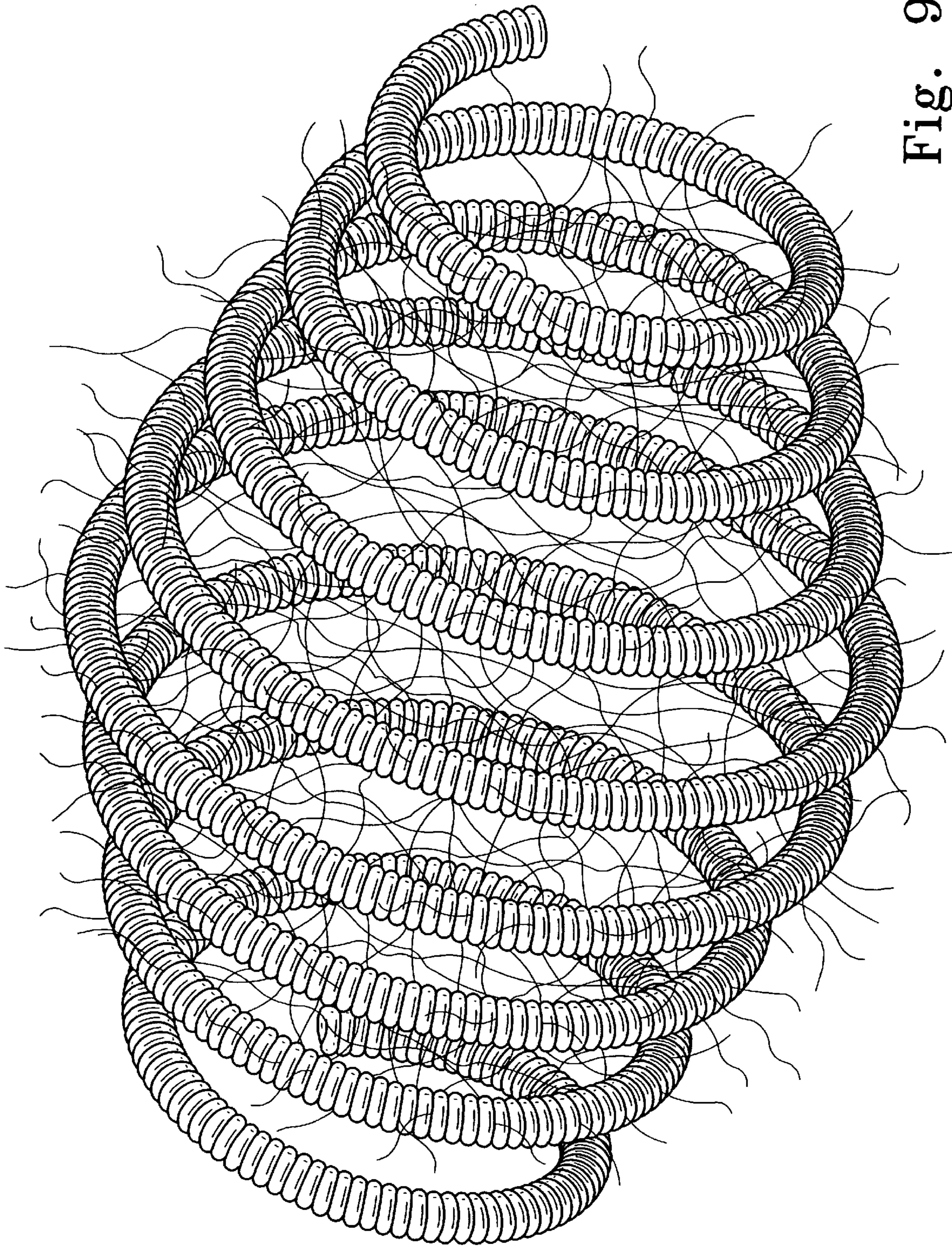


Fig. 9