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United States Patent [19]

Mariant et al.

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[45] **Date of Patent: ** Jun. 29, 1999**

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

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

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

[21] Appl. No.: **29/071,249**

[22] Filed: **May 23, 1997**

Related U.S. Application Data

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

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

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

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Primary Examiner—Pamela Burgess
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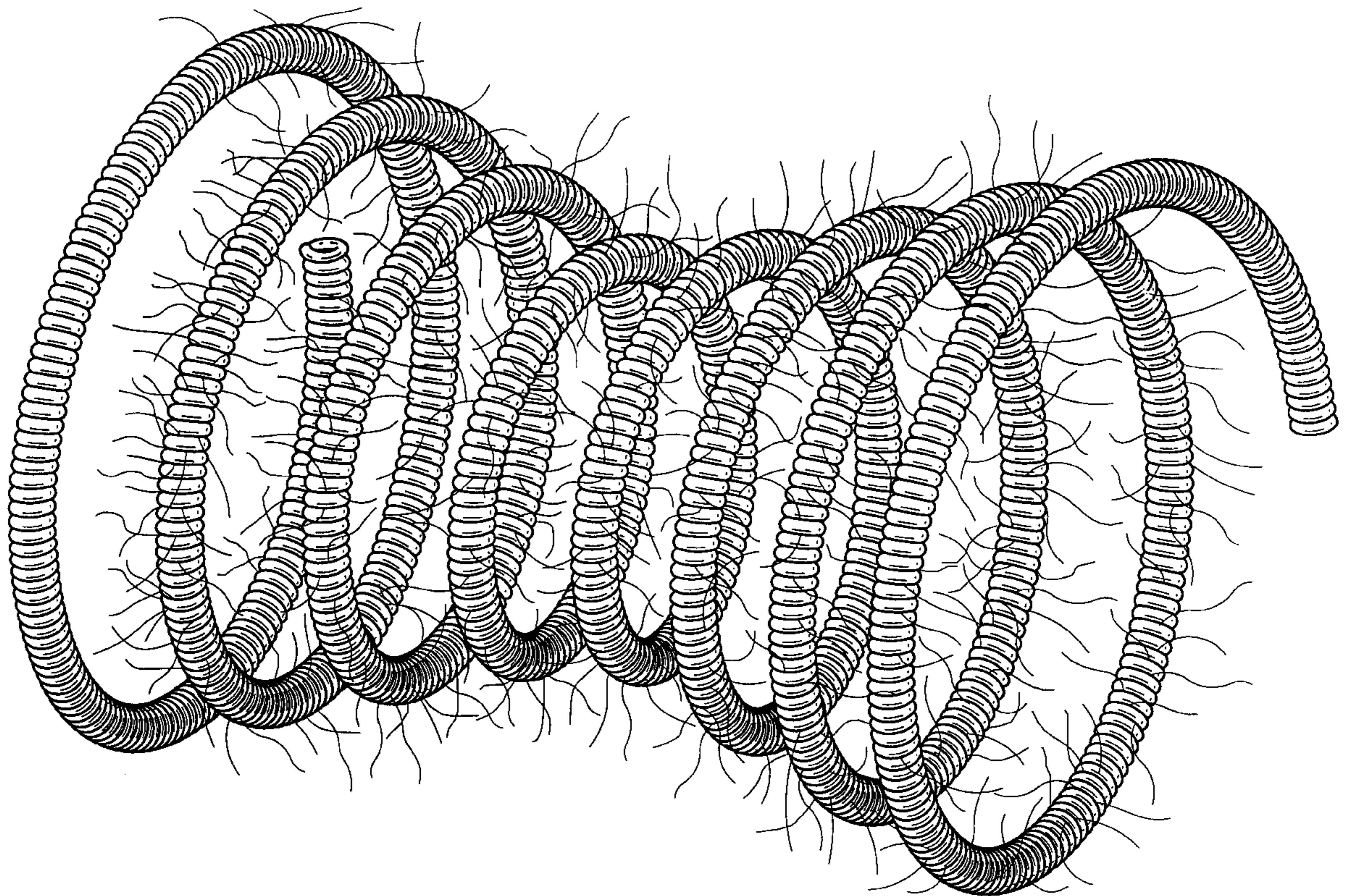
[57] CLAIM

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

DESCRIPTION

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 plan view thereof; FIG. 3 is a right side elevational view thereof; FIG. 4 is a left side elevational view thereof; FIG. 5 is a front elevational view thereof; FIG. 6 is a rear elevational view thereof; FIG. 7 is a bottom plan view thereof; FIG. 8 is a perspective view of a second embodiment of FIG. 1, the only difference from the first embodiment being the arrangement of fibers; and, FIG. 9 is a perspective view of a third embodiment of FIG. 1, the only difference from the first two embodiments being the arrangement of fibers.

1 Claim, 9 Drawing Sheets



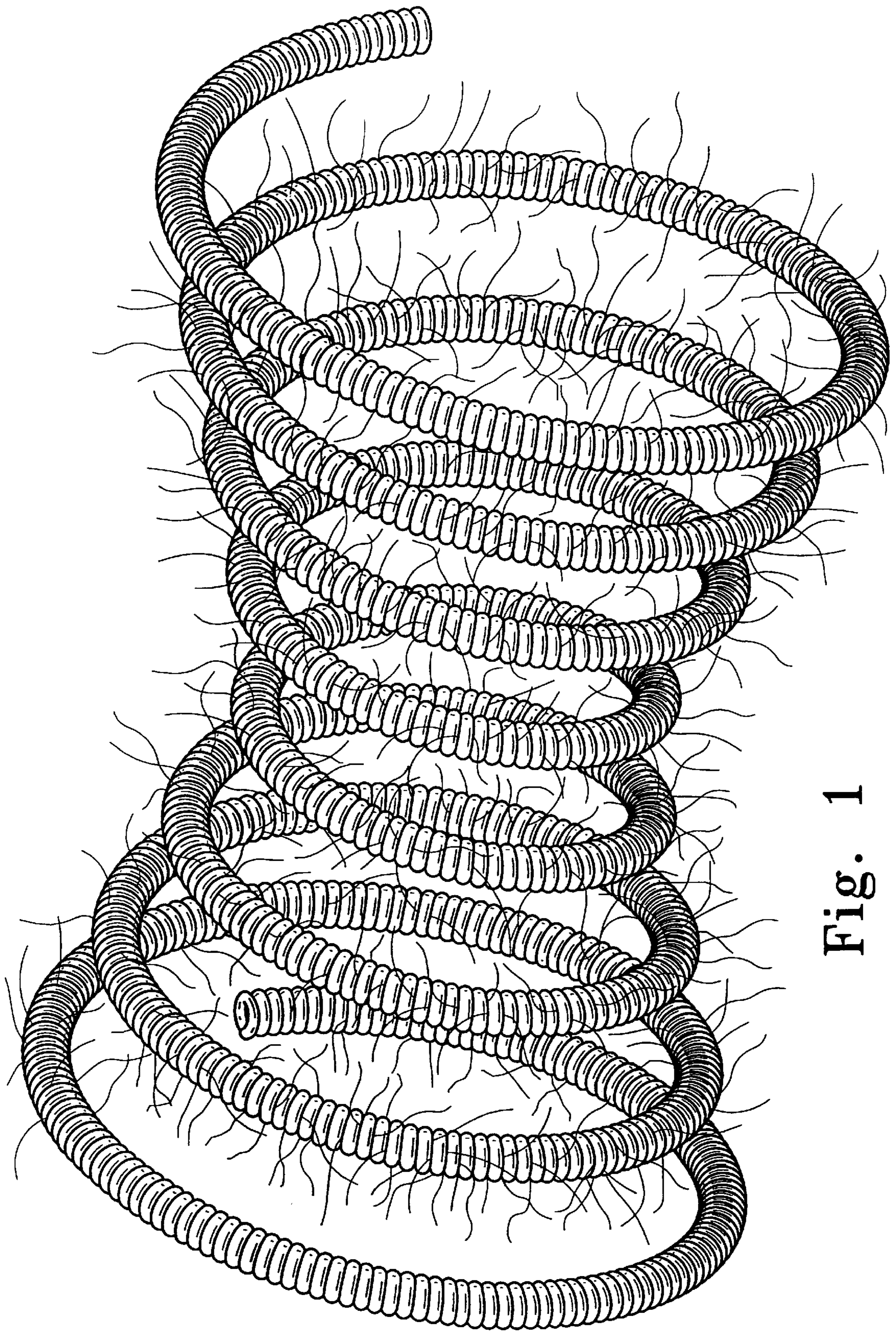


Fig. 1

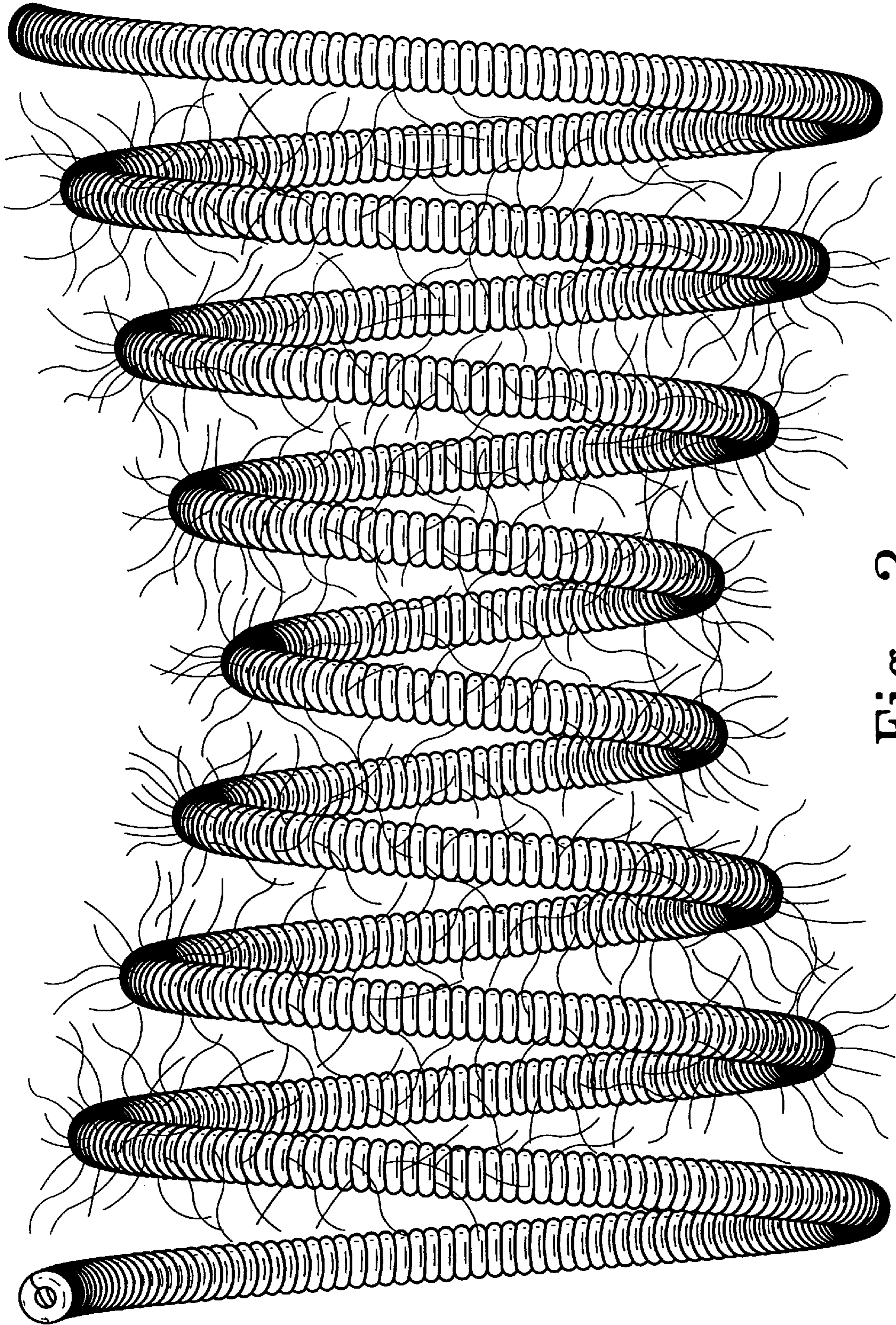


Fig. 2

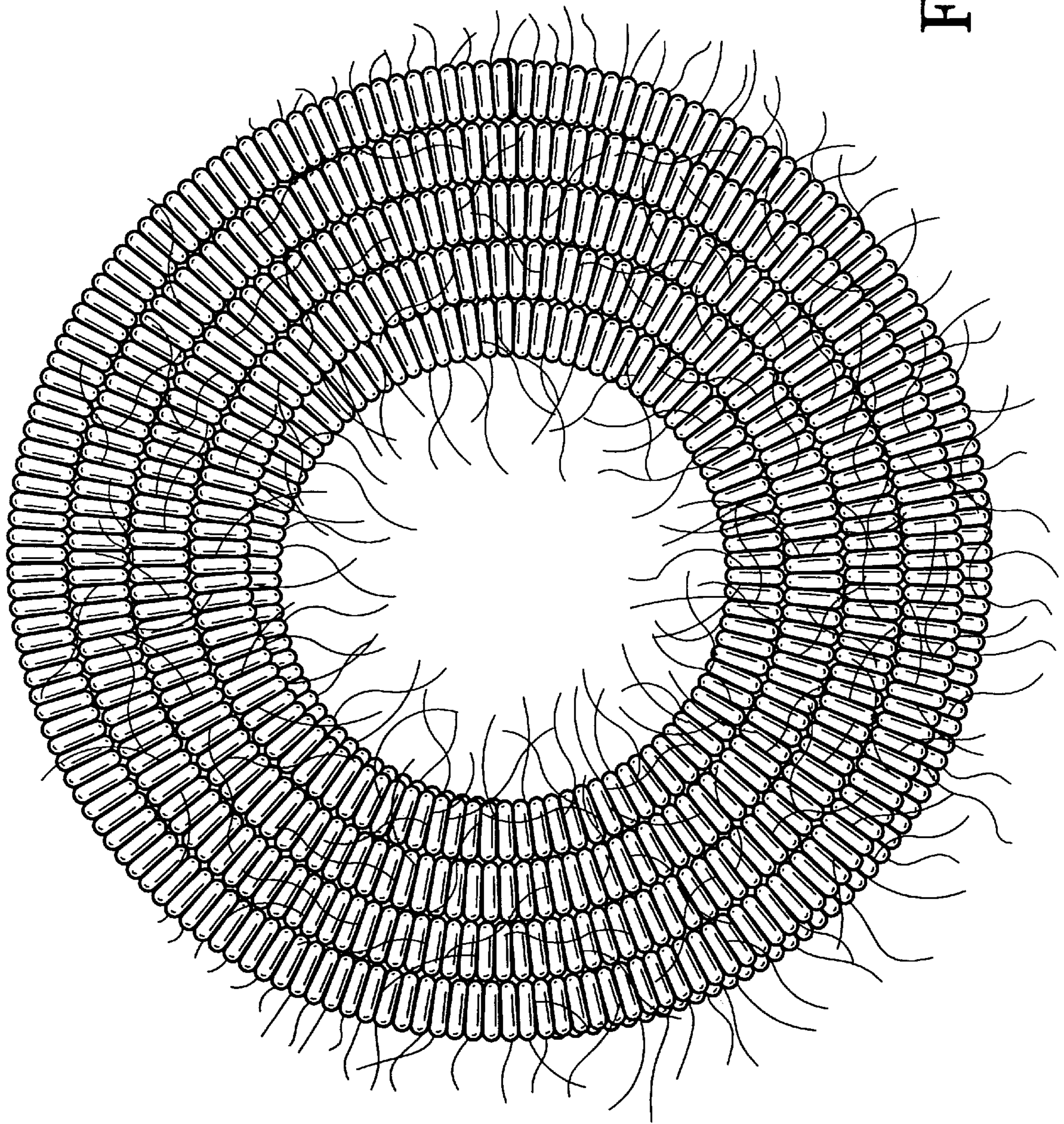


Fig. 3

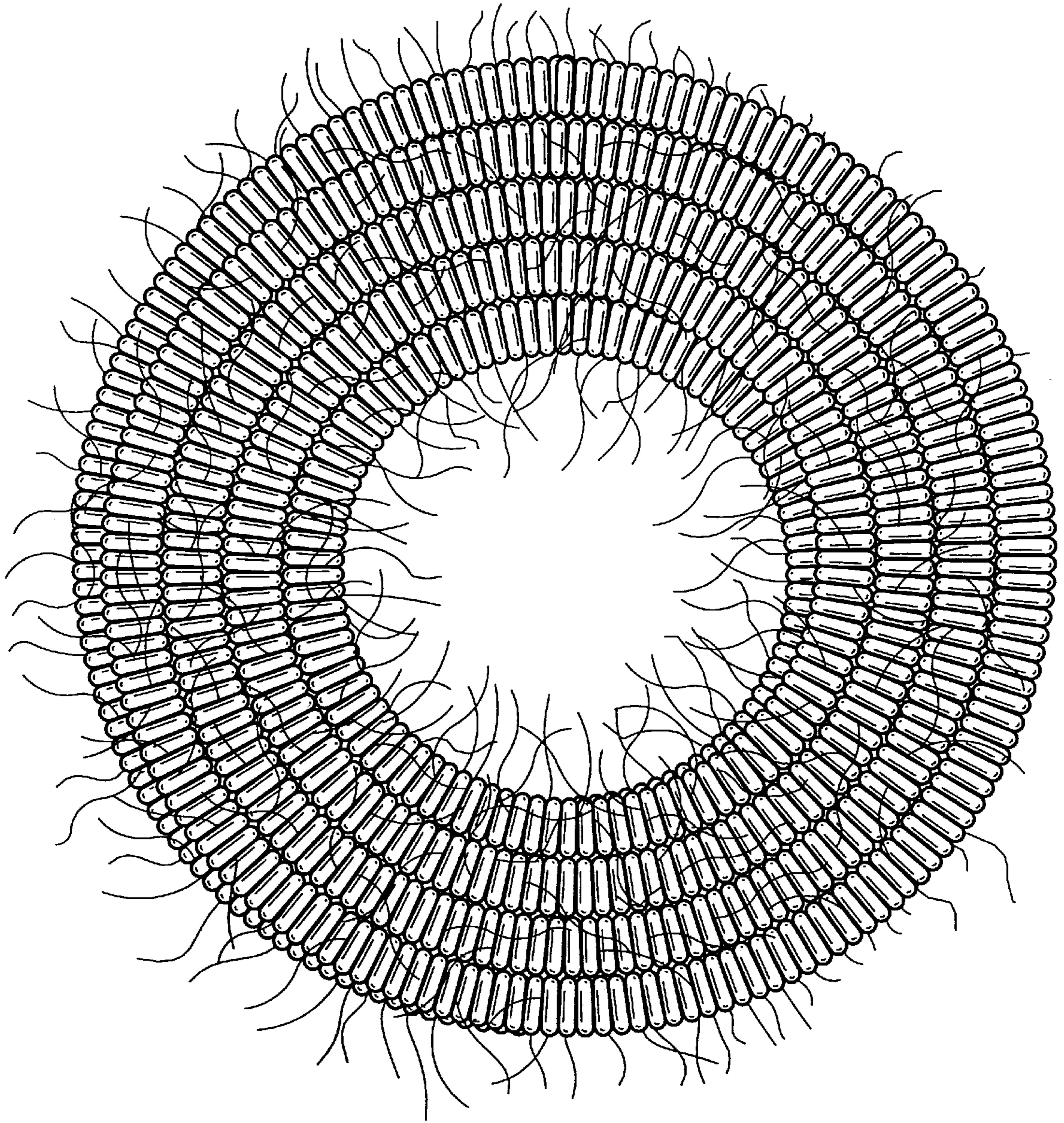


Fig. 4

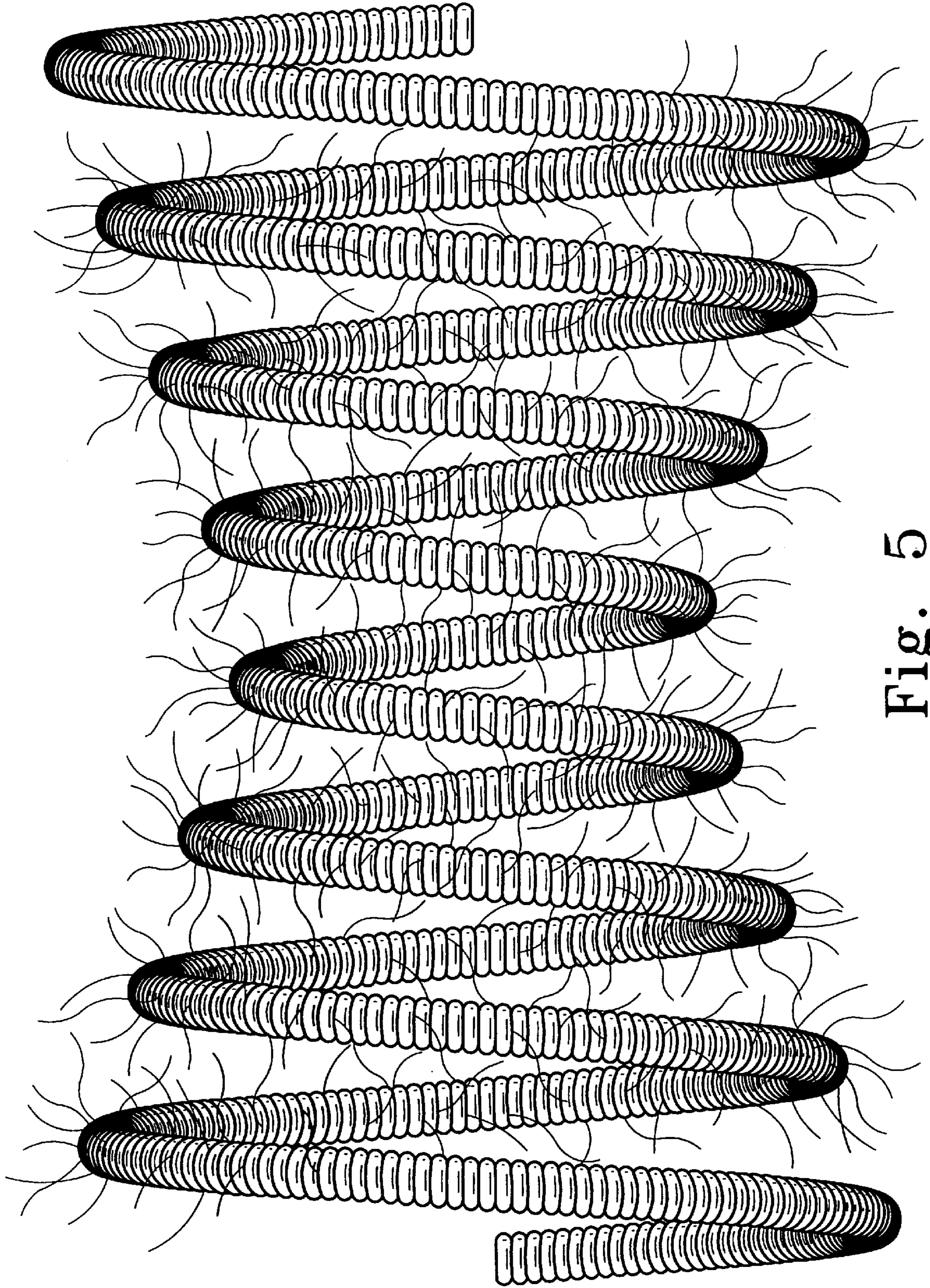


Fig. 5

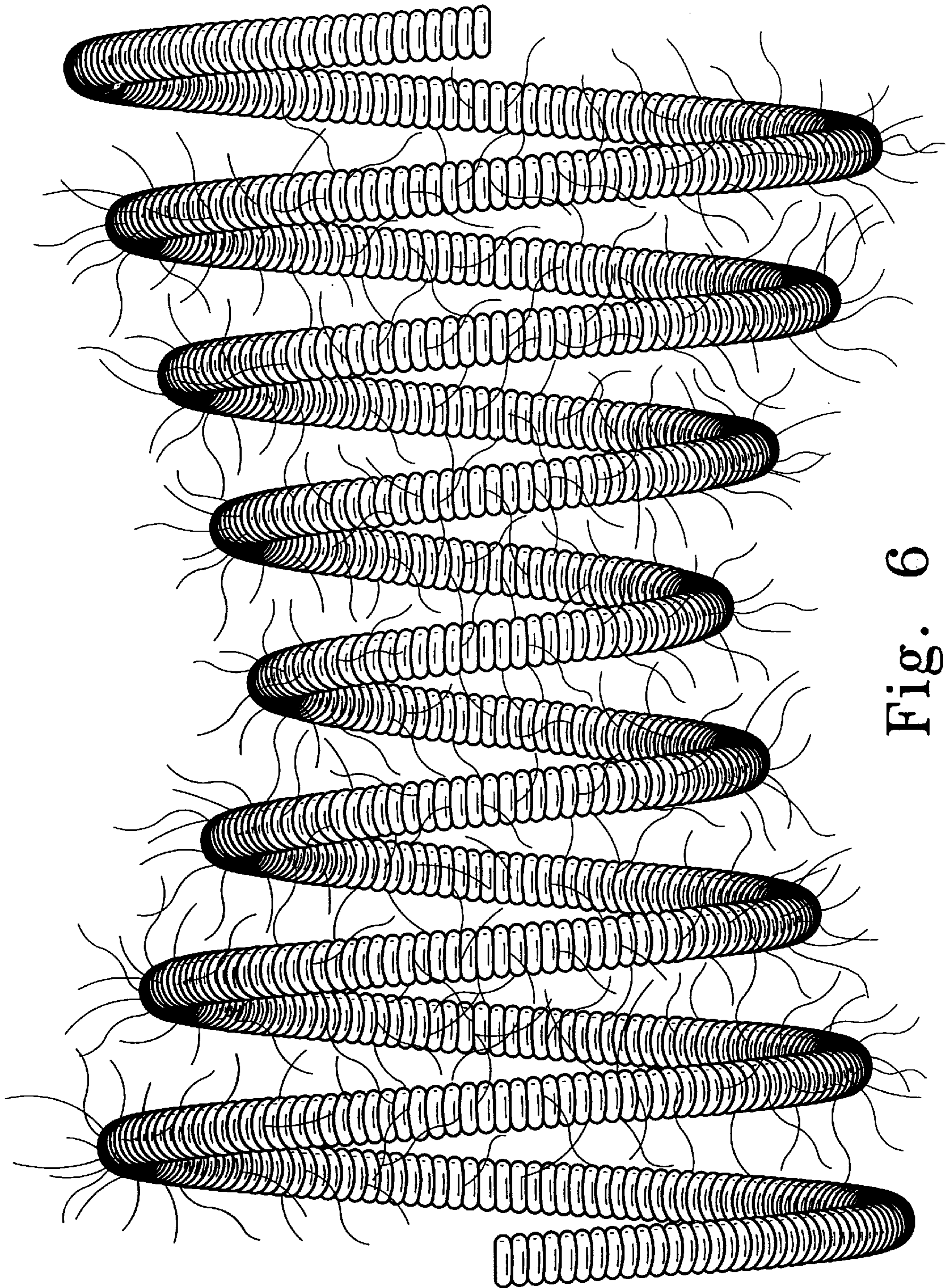


Fig. 6

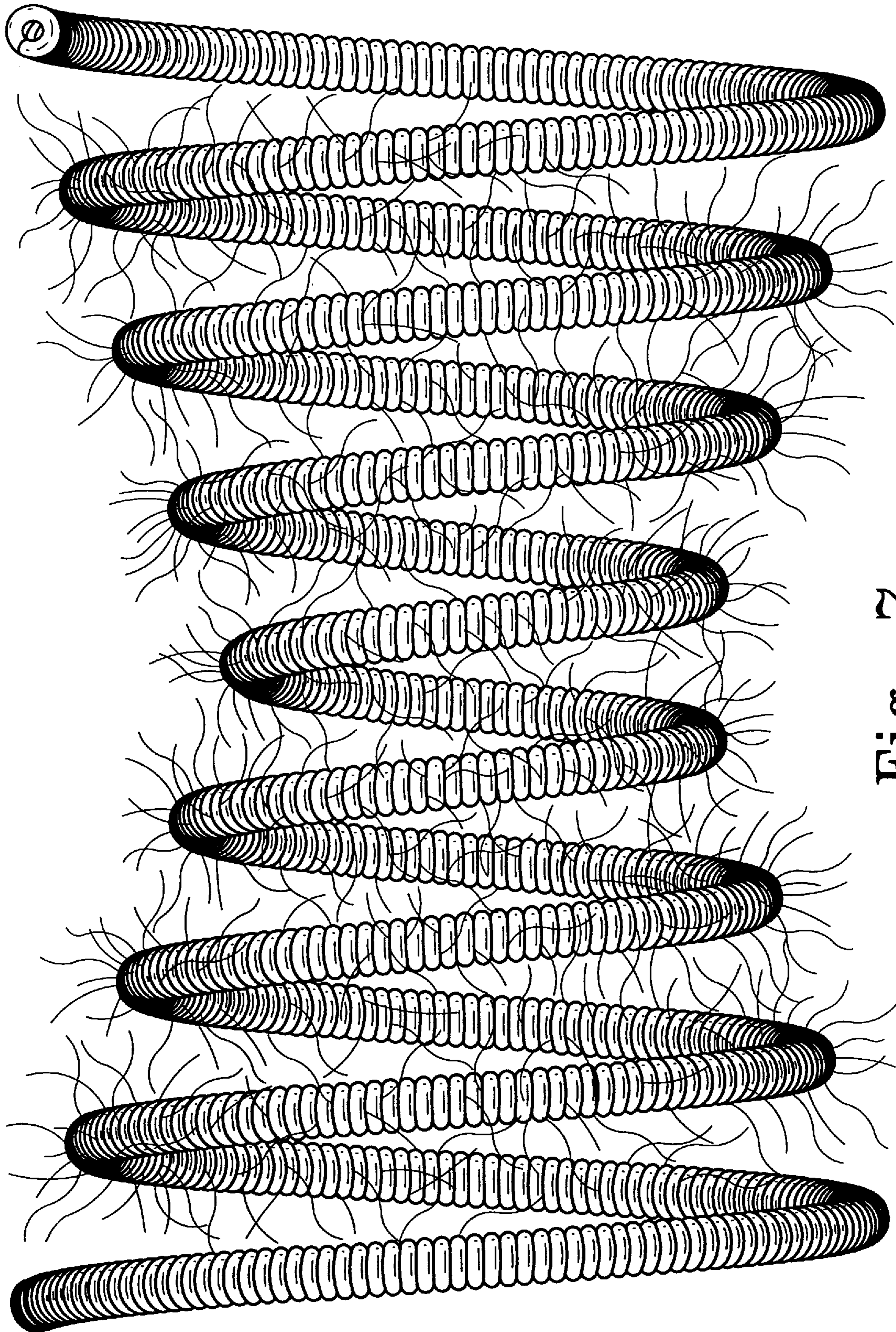


Fig. 7

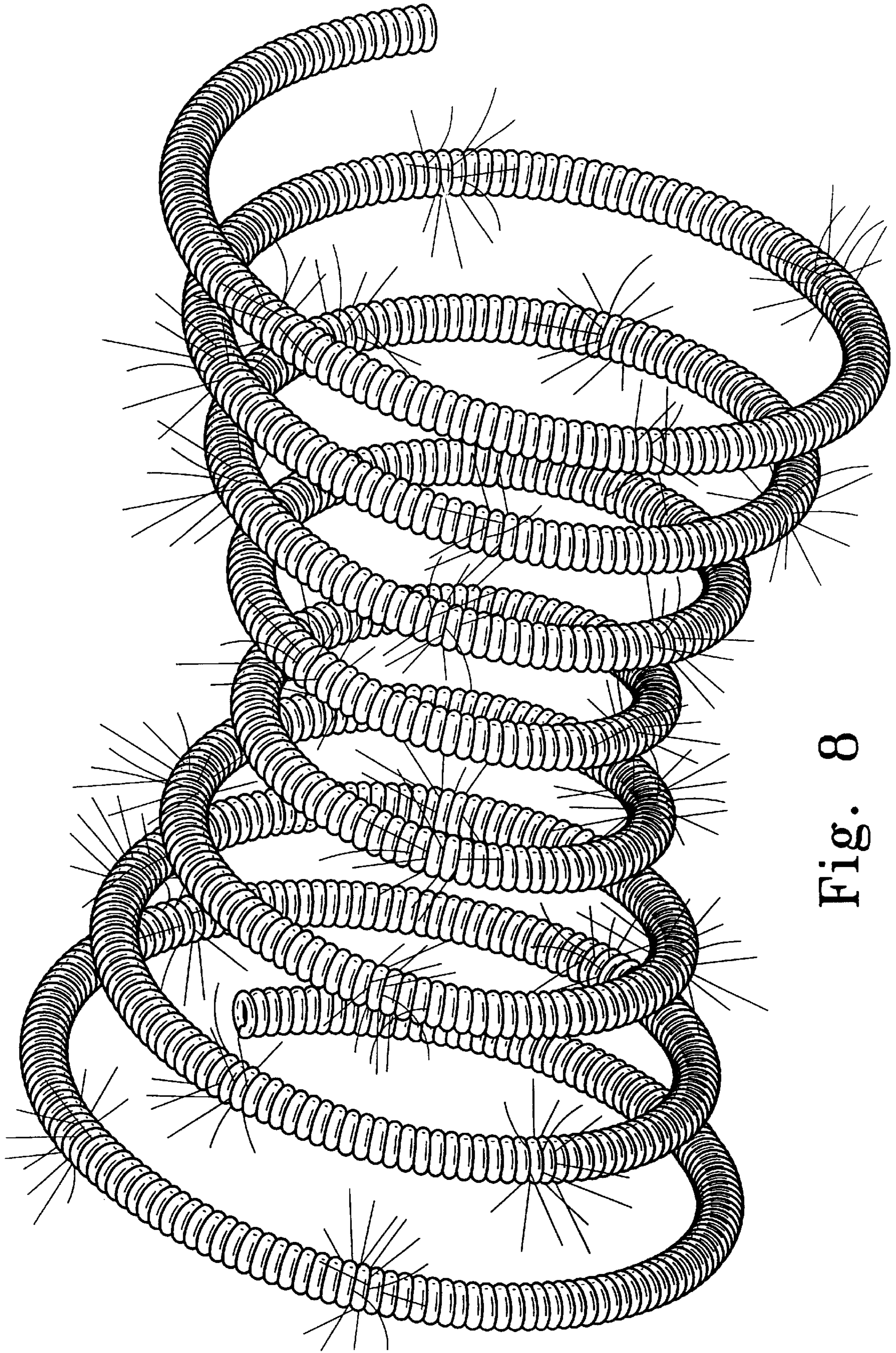


Fig. 8

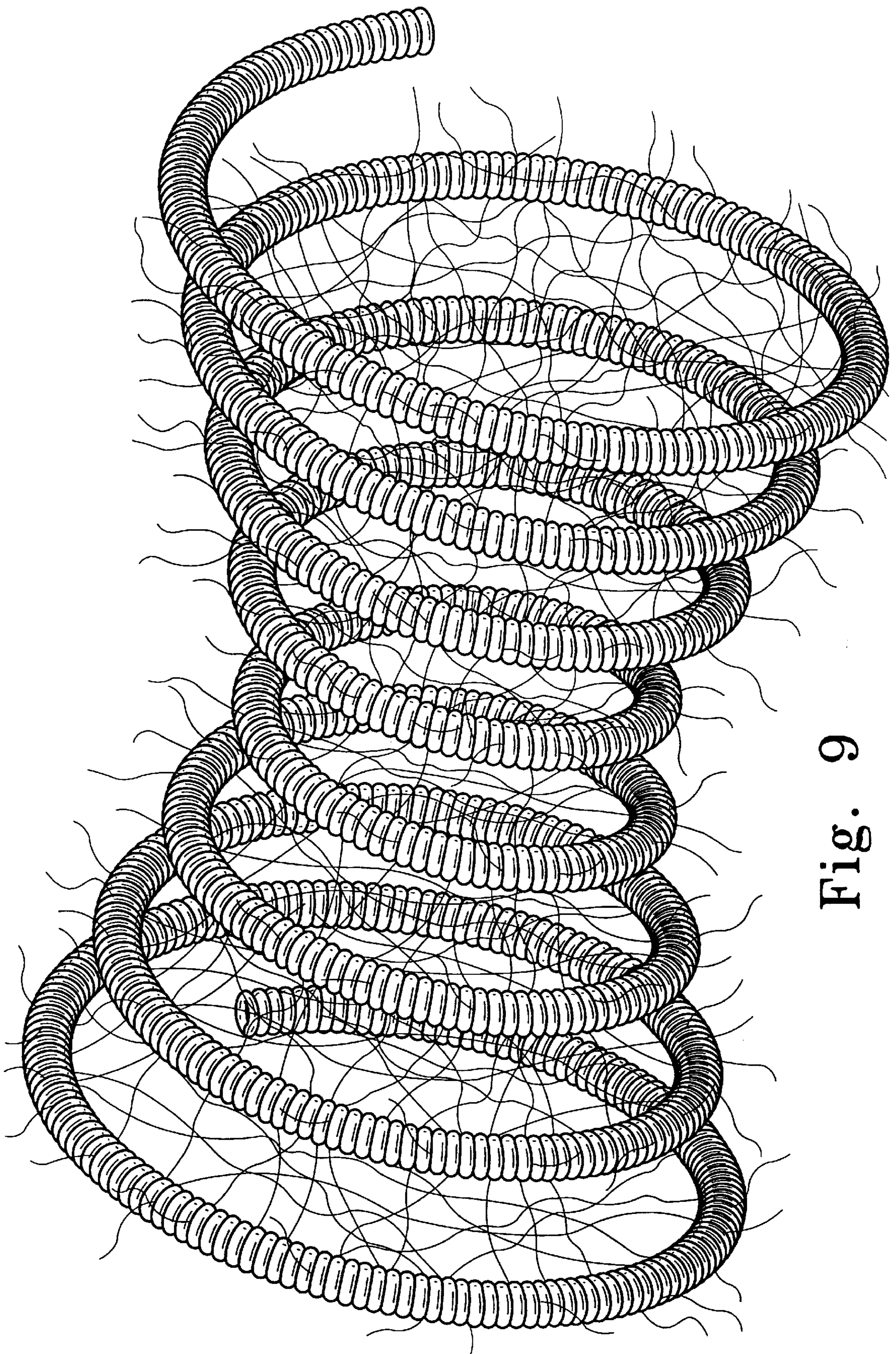


Fig. 9