



US00D855800S

(12) **United States Design Patent** (10) **Patent No.:** **US D855,800 S**
Gabay et al. (45) **Date of Patent:** **** Aug. 6, 2019**

(54) **EXPANDABLE EXOSKELETON FOR A BALLOON CATHETER**

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(73) Assignee: **Transit Scientific, LLC**, Salt Lake City, UT (US)

(**) Term: **15 Years**

(21) Appl. No.: **29/625,044**

(22) Filed: **Nov. 6, 2017**

(51) **LOC (12) Cl.** **24-02**

(52) **U.S. Cl.**
USPC **D24/130**

(58) **Field of Classification Search**
USPC D24/127-131, 112-114, 133, 186; 606/181, 185, 200; 604/264, 523-528, (Continued)

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(Continued)

Primary Examiner — David G Muller

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(57) **CLAIM**

The ornamental design for an expandable exoskeleton for a balloon catheter, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of an expandable exoskeleton for a balloon catheter showing our new design, with the expandable exoskeleton in an unexpanded state, the expandable exoskeleton capable of placement over a balloon of a balloon catheter;

FIG. 2 is a first side elevational view of the expandable exoskeleton for a balloon catheter in the unexpanded state; FIG. 3 is a second side elevational view of the expandable exoskeleton for a balloon catheter in the unexpanded state; FIG. 4 is a third side elevational view of the expandable exoskeleton for a balloon catheter in the unexpanded state; FIG. 5 is a fourth side elevational view of the expandable exoskeleton for a balloon catheter in the unexpanded state; FIG. 6 is a distal end view of the expandable exoskeleton for a balloon catheter in the unexpanded state;

FIG. 7 is a proximal end view of the expandable exoskeleton for a balloon catheter in the unexpanded state;

FIG. 8 is first side elevational view showing our new design, with the expandable exoskeleton for a balloon catheter in an expanded state;

FIG. 9 is a second side elevational view of the expandable exoskeleton for a balloon catheter in the expanded state;

FIG. 10 is a third side elevational view of the expandable exoskeleton for a balloon catheter in the expanded state;

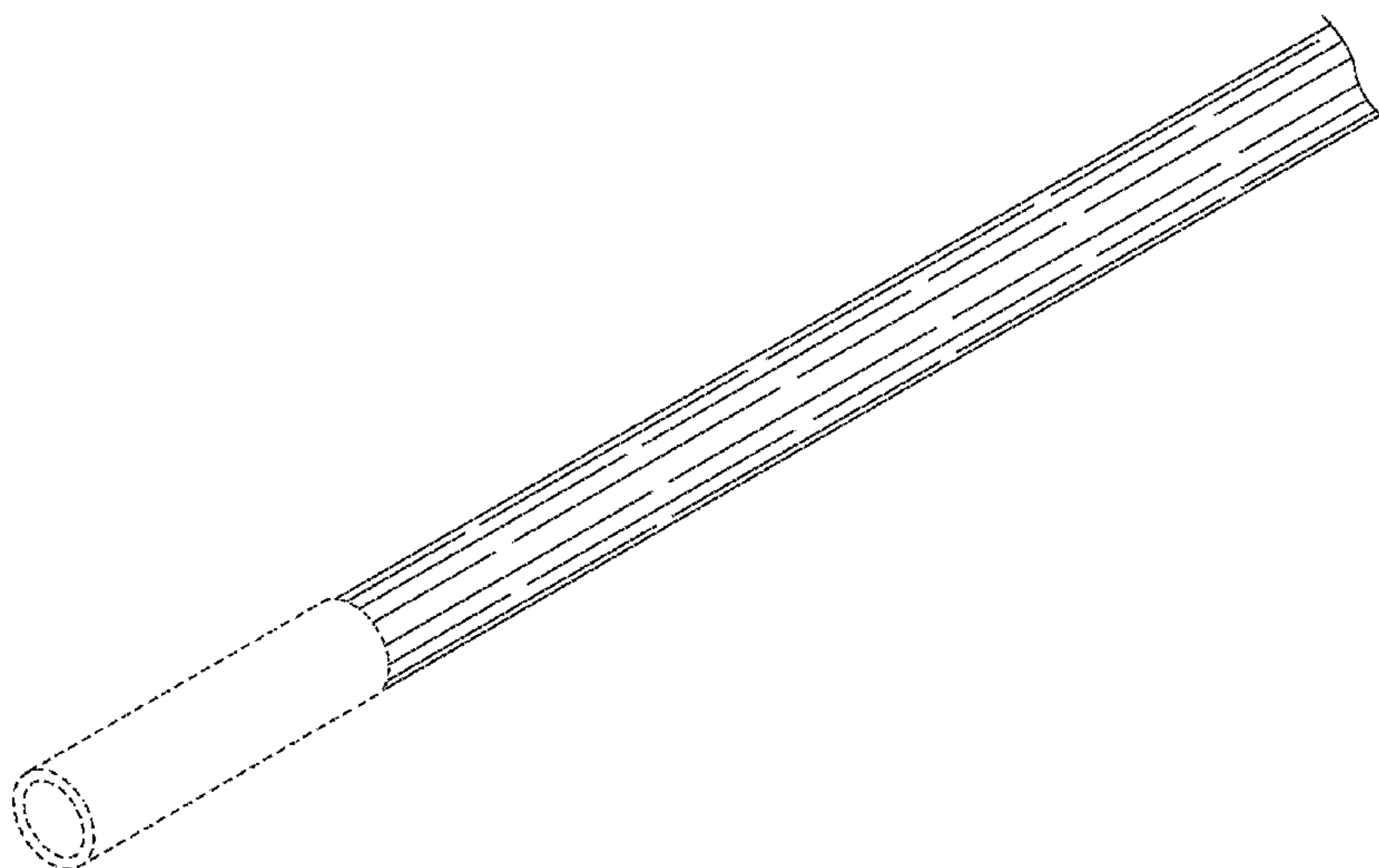
FIG. 11 is a fourth side elevational view of the expandable exoskeleton for a balloon catheter in the expanded state;

FIG. 12 is a distal end view of the expandable exoskeleton for a balloon catheter in the expanded state; and,

FIG. 13 is a proximal end view of the expandable exoskeleton for a balloon catheter in the expanded state.

The broken lines illustrate unclaimed portions and form no part of the claimed design.

1 Claim, 4 Drawing Sheets



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(58) **Field of Classification Search**

USPC 604/272, 187, 158, 164.01-164.11, 181,
604/184, 227; 600/101, 139, 143;
128/200.24, 207.14, 207.15

CPC A61M 25/00; A61M 39/00; A61M 27/00;
A61M 25/0043; A61M 25/0067; A61M
25/0097; A61M 25/0074; A61F 2/958;
A61F 2/013

See application file for complete search history.

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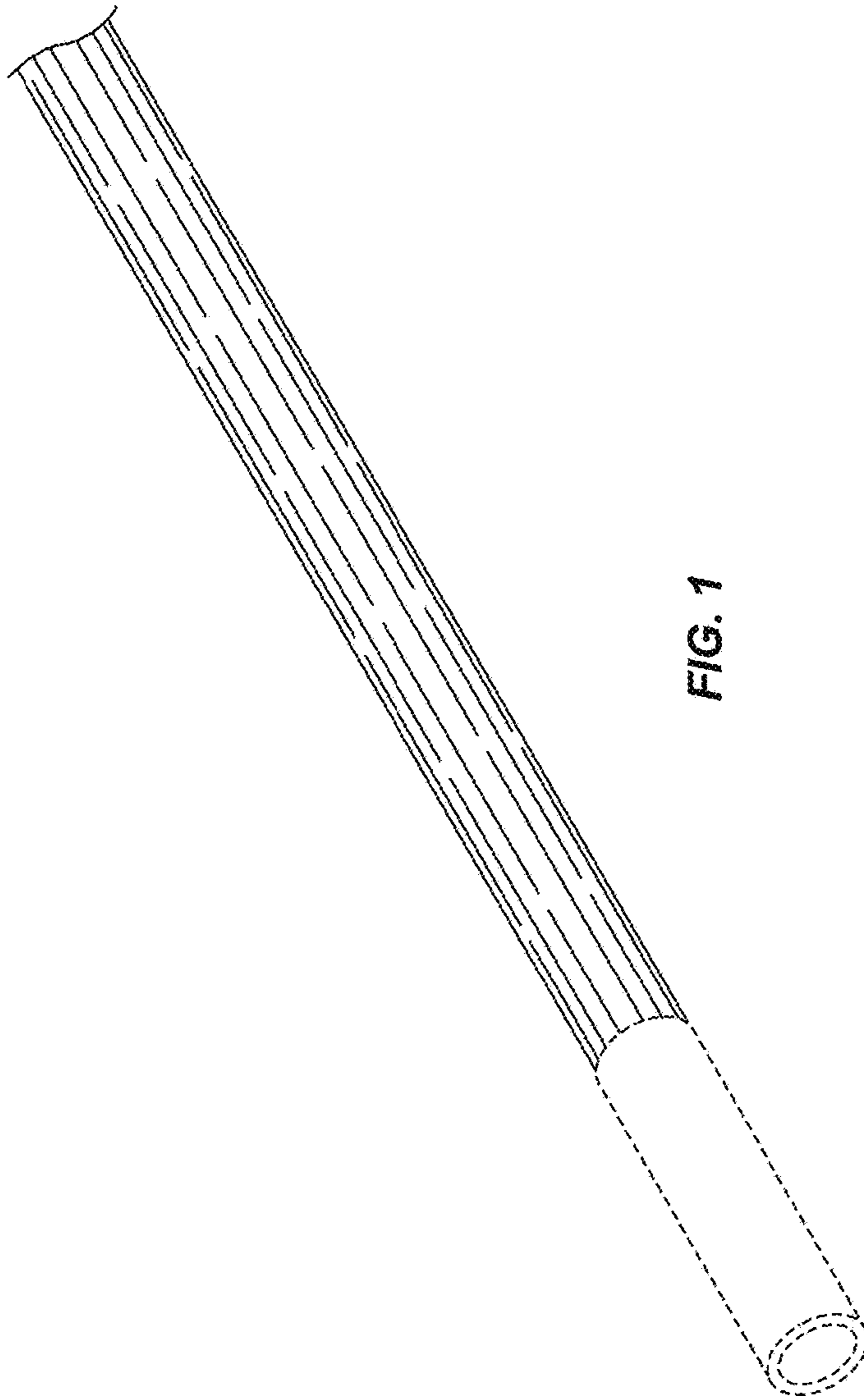


FIG. 1

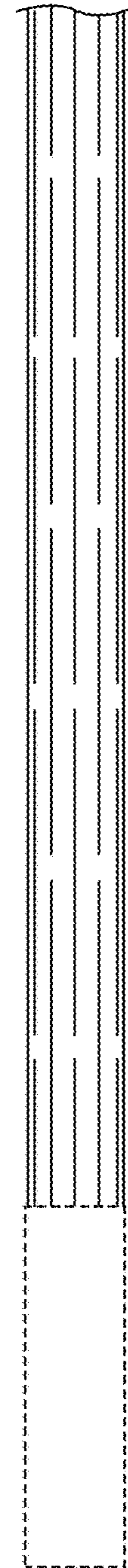


FIG. 2

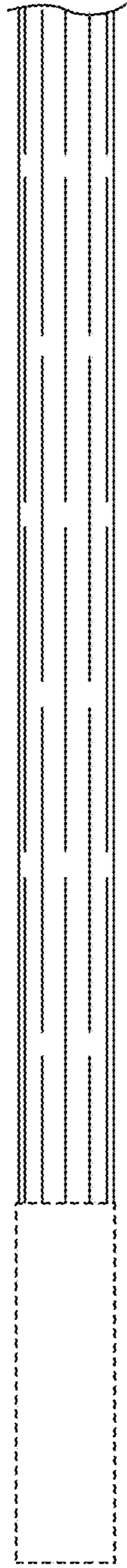


FIG. 3

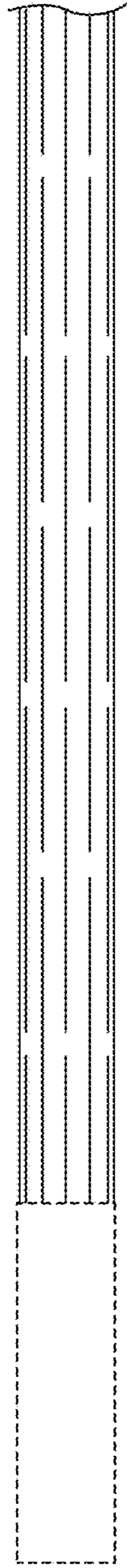


FIG. 4

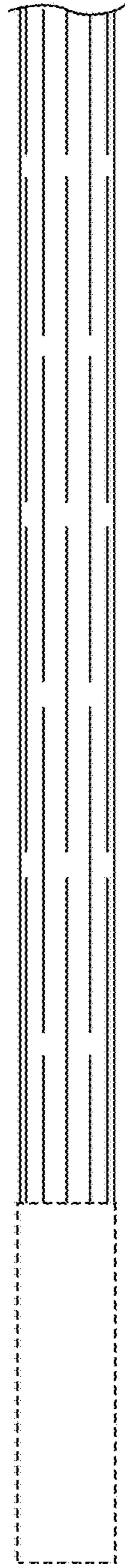


FIG. 5

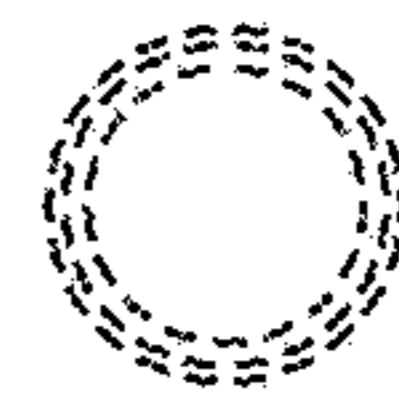


FIG. 6

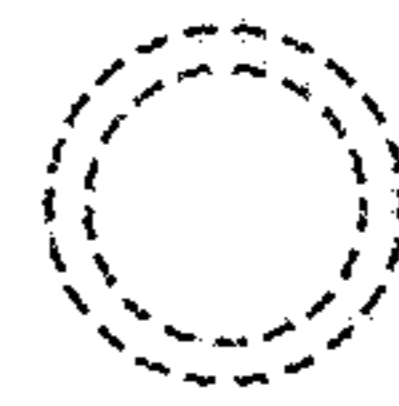


FIG. 7

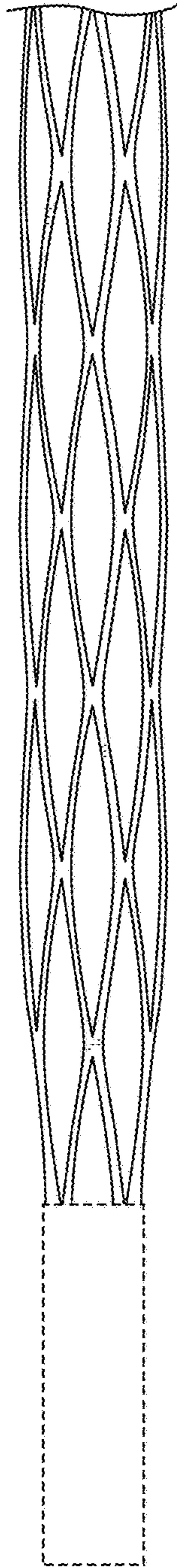


FIG. 8

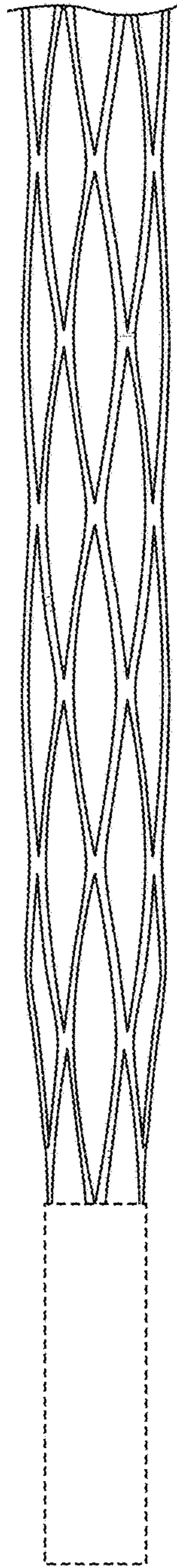


FIG. 9

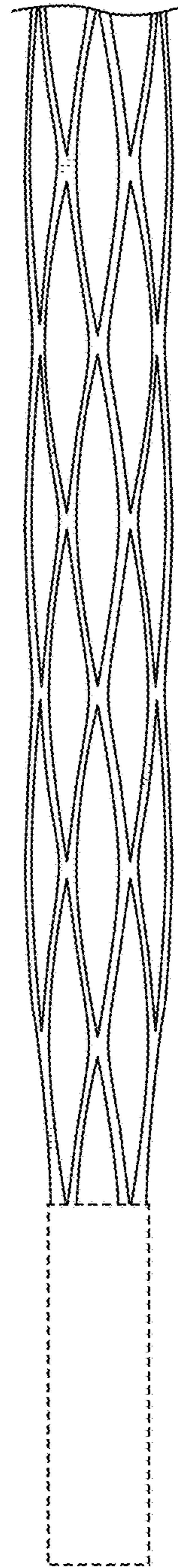


FIG. 10

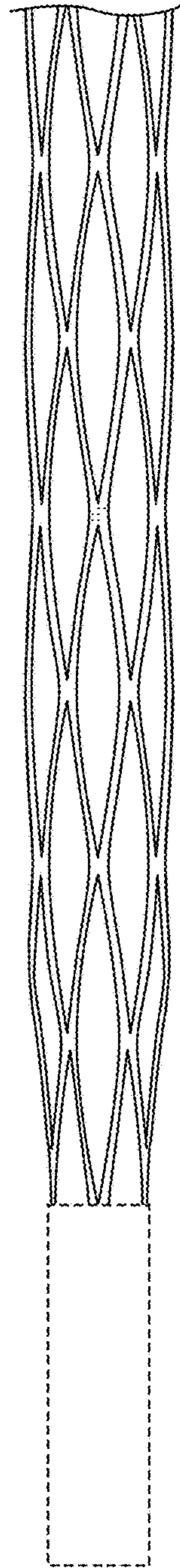


FIG. 11

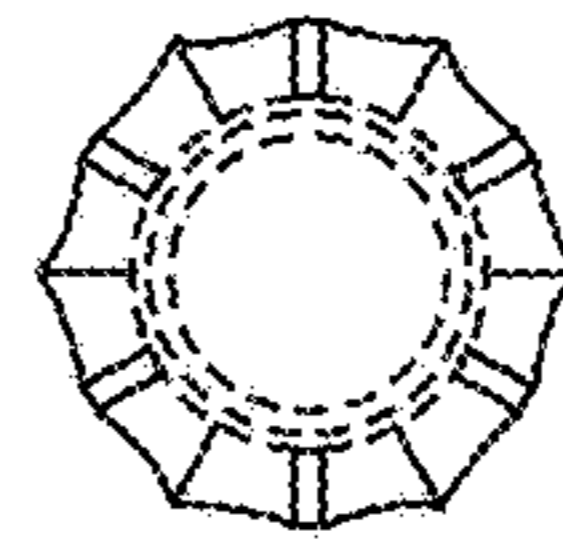


FIG. 12

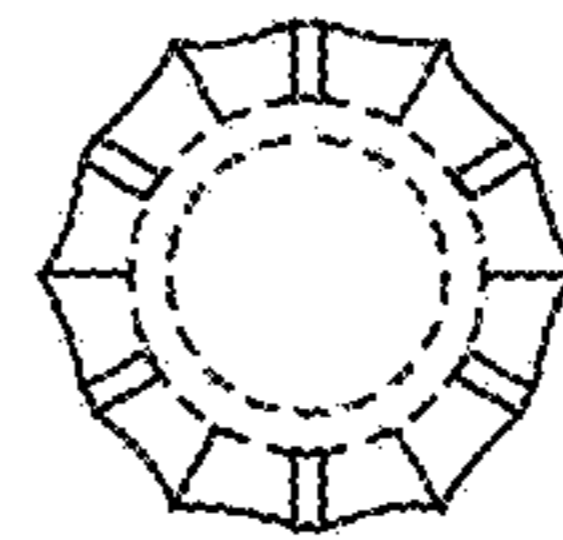


FIG. 13