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(12) **United States Design Patent**
Nakamura

(10) **Patent No.:** **US D460,741 S**

(45) **Date of Patent:** **** Jul. 23, 2002**

(54) **BUNDLING AND PROTECTING DEVICE FOR ELECTRICAL WIRES OR TUBES**

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(75) **Inventor:** **Toshinobu Nakamura, Tokyo (JP)**

(57) **CLAIM**

(73) **Assignee:** **Shinagawa Shoko Co., Ltd., Tokyo (JP)**

The ornamental design for a bundling and protecting device for electrical wires or tubes, as shown and described.

(**) **Term:** **14 Years**

DESCRIPTION

(21) **Appl. No.:** **29/132,762**

FIG. 1 is a fragmentary front, top and right side perspective view of a bundling and protecting device for electrical wires or tubes in flattened condition, showing my new design;

(22) **Filed:** **Nov. 15, 2000**

FIG. 2 is a front elevational view of FIG. 1;

(51) **LOC (7) Cl.** **13-03**

FIG. 3 is a top plan view of FIG. 1, the bottom plan view being a mirror image thereof;

(52) **U.S. Cl.** **D13/156**

FIG. 4 is a rear elevational view of FIG. 1;

(58) **Field of Search** D8/349, 354, 355, D8/356, 366, 373, 382, 383, 394, 395, 396, 499; 24/16 R, 129 R, 136 R; 87/9; 174/154, 168, DIG. 11; 248/65, 74.2, 610; 428/36.1, 36.3, 99; D13/153

FIG. 5 is a sectional view thereof, taken along line 5—5 of FIG. 2;

FIG. 6 is a right side view of FIG. 1;

FIG. 7 is a left side view of FIG. 1;

(56) **References Cited**

U.S. PATENT DOCUMENTS

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FIG. 8 is an enlarged fragmentary rear elevational view of the portion shown within the circled area 8 in FIG. 4;

FIG. 9 is an enlarged fragmentary top plan view of the portion shown within the circled area 9 in FIG. 3;

FIG. 10 is an enlarged fragmentary top plan view of the portion shown within the circled area 10 in FIG. 3; and,

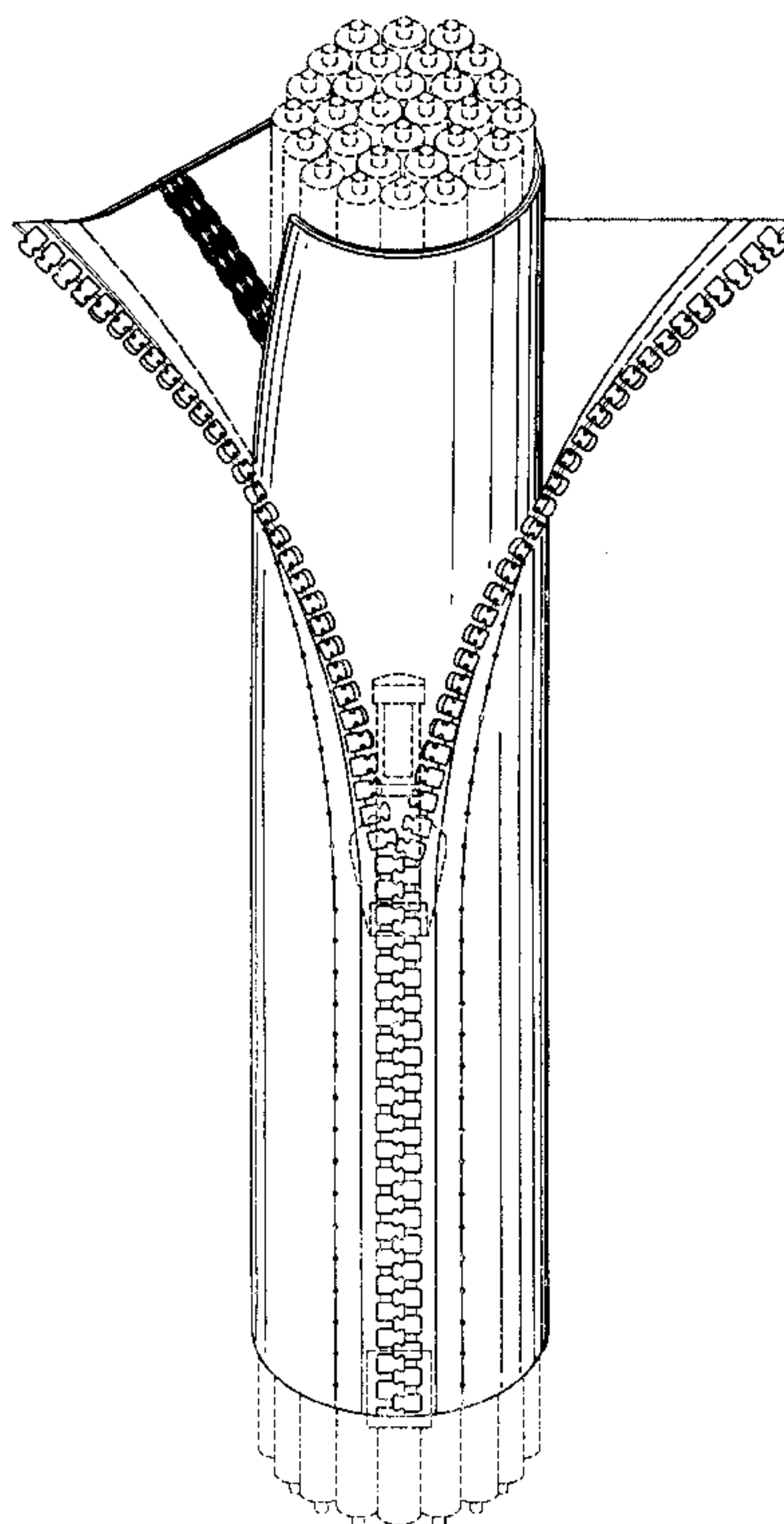
FIG. 11 is a perspective view showing the entire length of the design in condition of use.

The broken line showings of electrical wires, the zipper pull and the tab at the bottom of the zipper (in FIG. 11) are for illustrative purposes only and form no part of the claimed design.

* cited by examiner

Primary Examiner—Doris V. Coles
Assistant Examiner—Elizabeth A. Albert

1 Claim, 6 Drawing Sheets



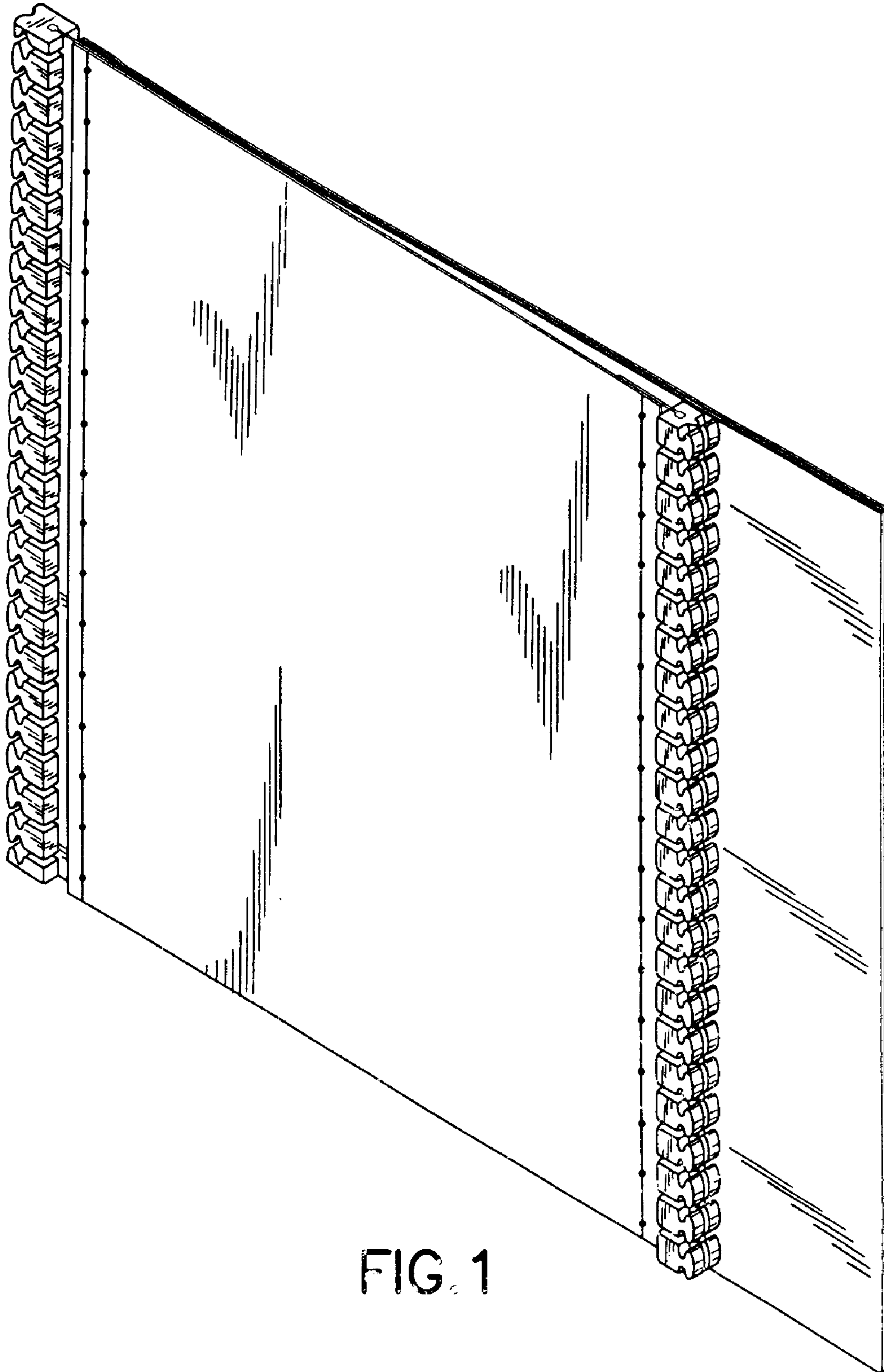


FIG. 1

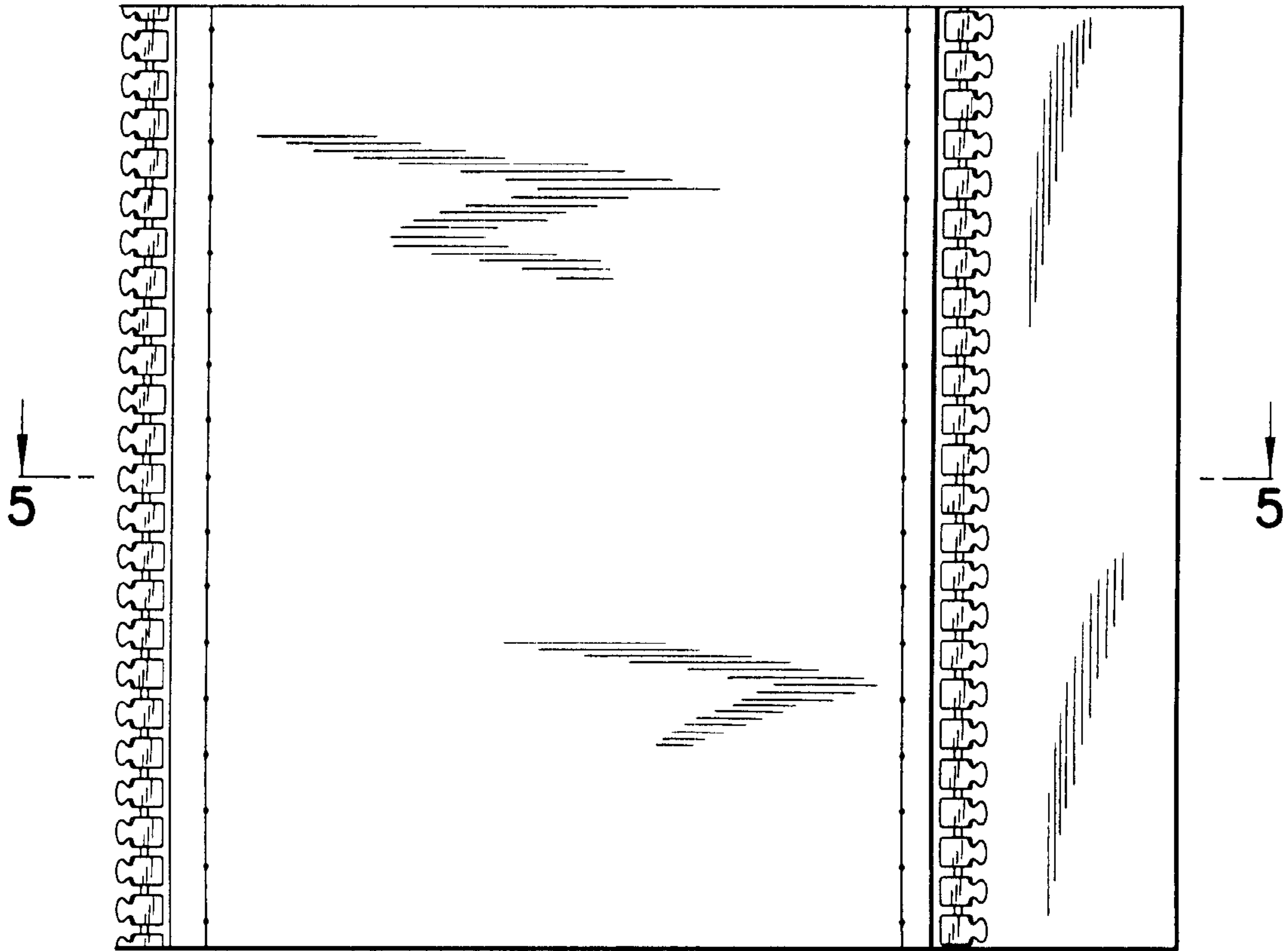


FIG. 2

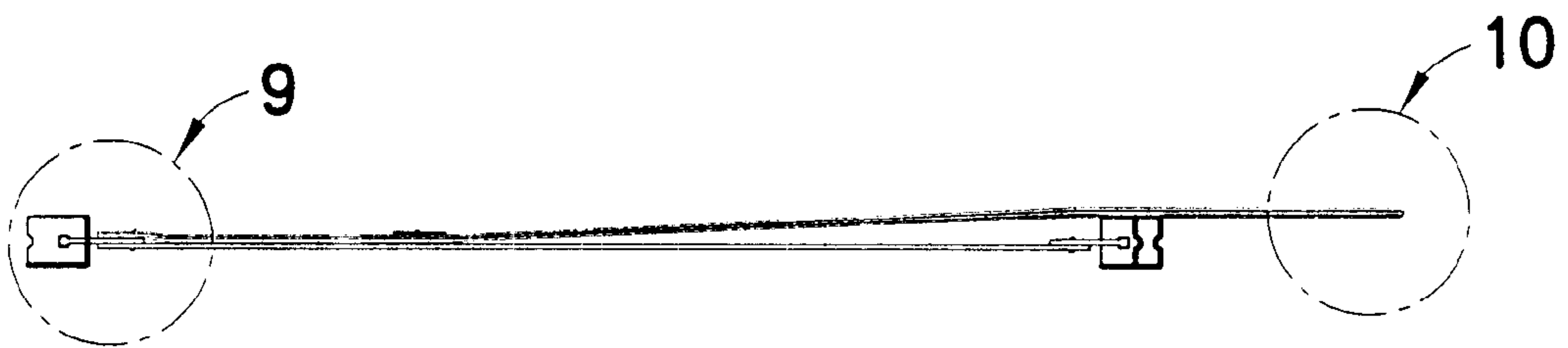


FIG. 3

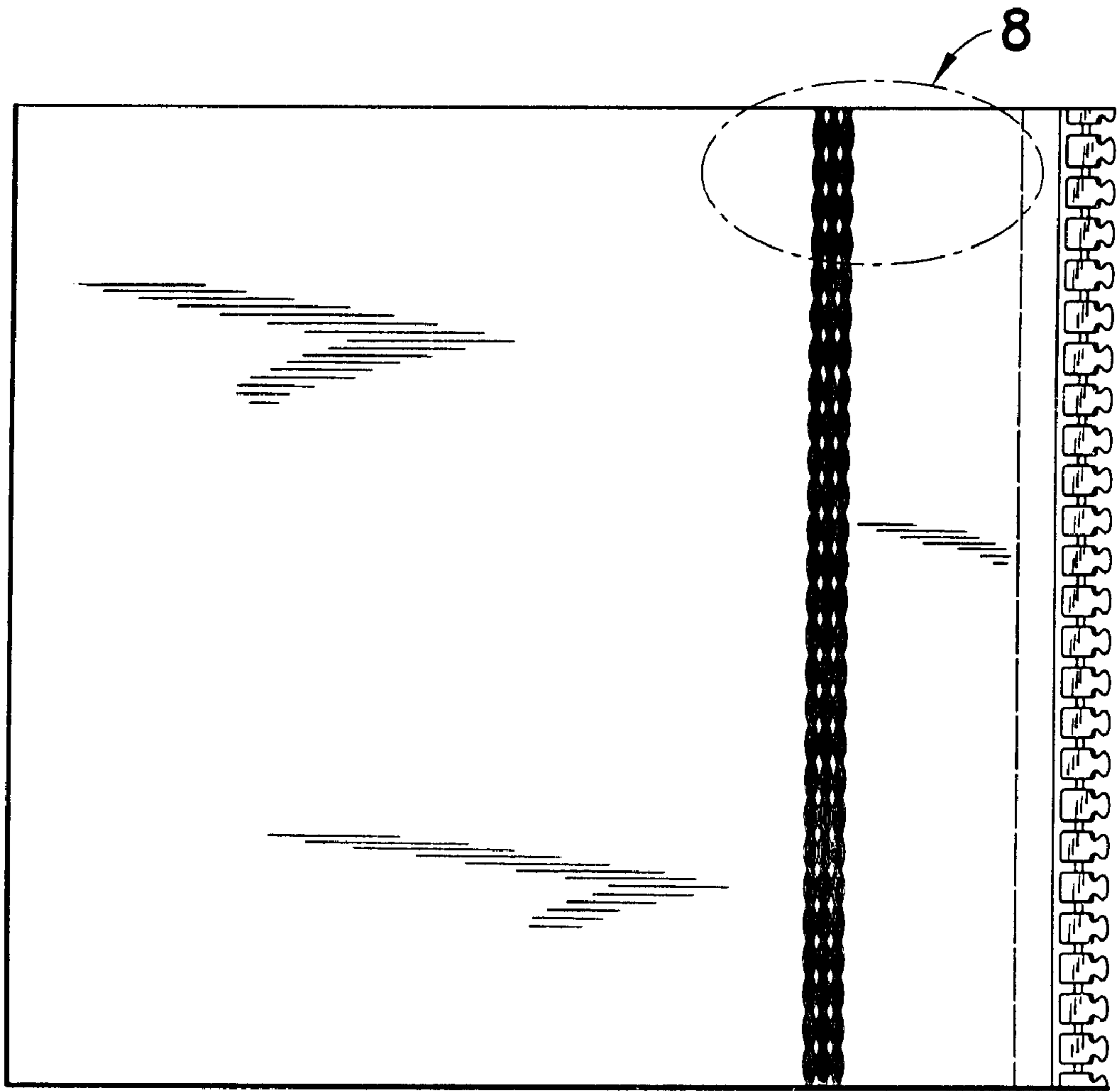


FIG. 4



FIG. 5

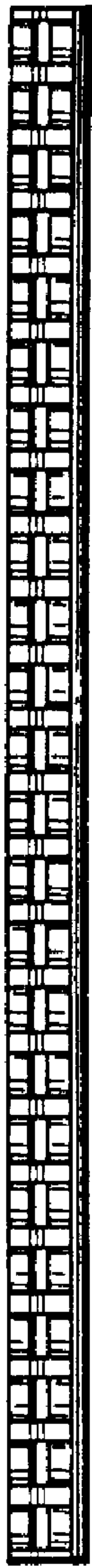


FIG. 6



FIG. 7

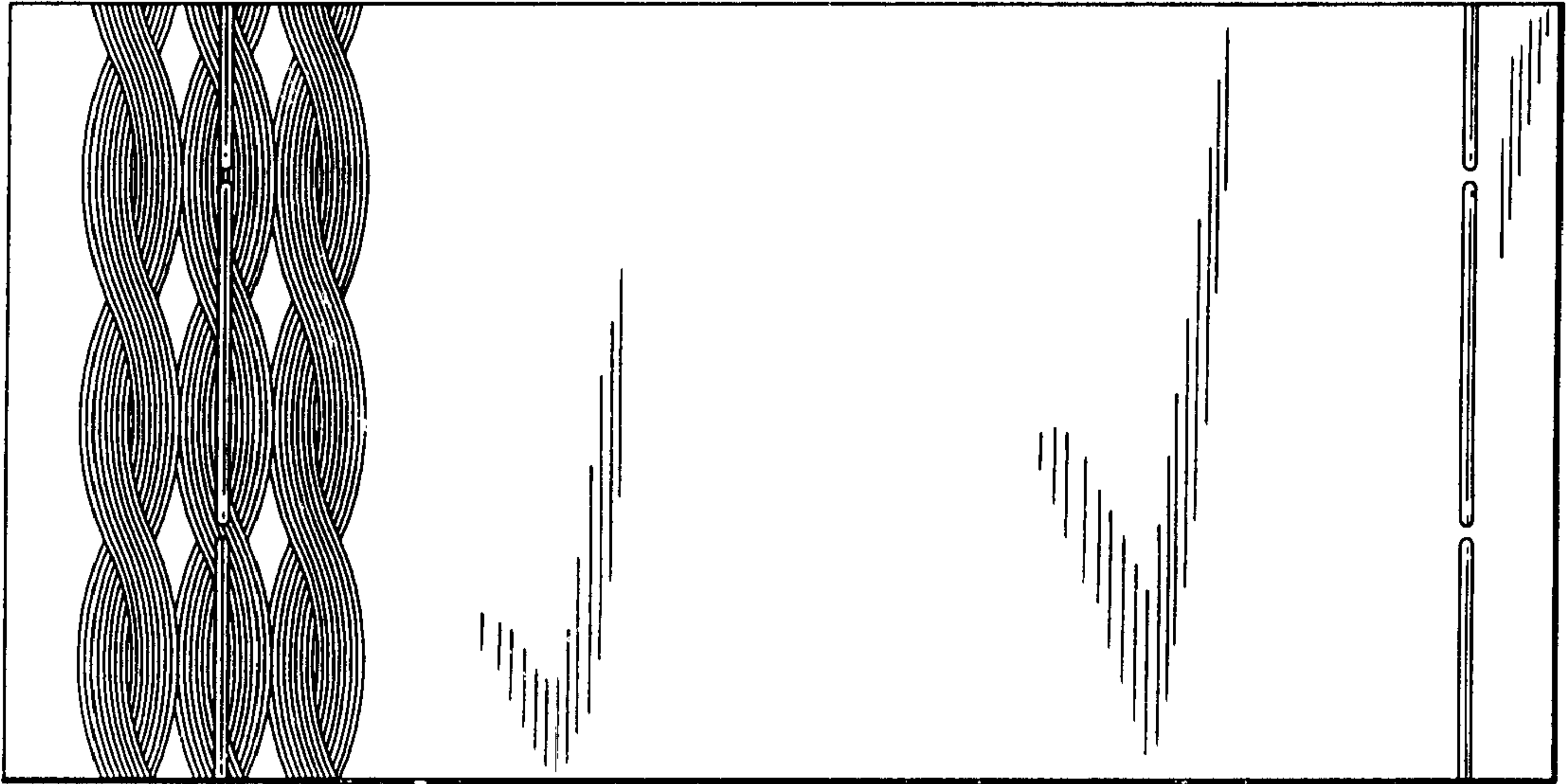


FIG. 8

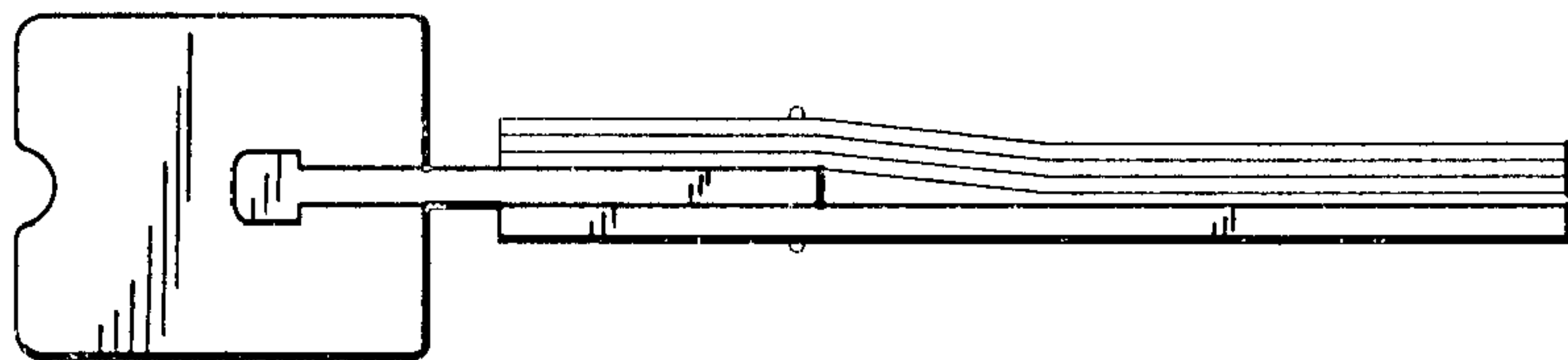


FIG. 9

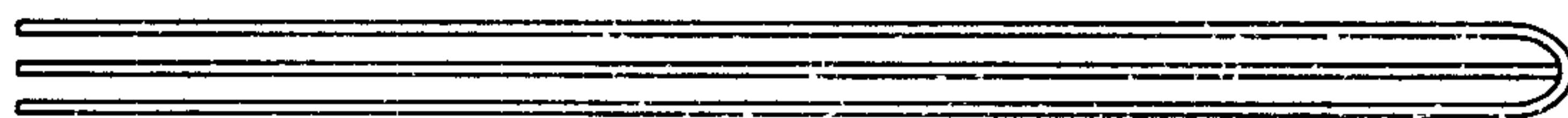


FIG. 10

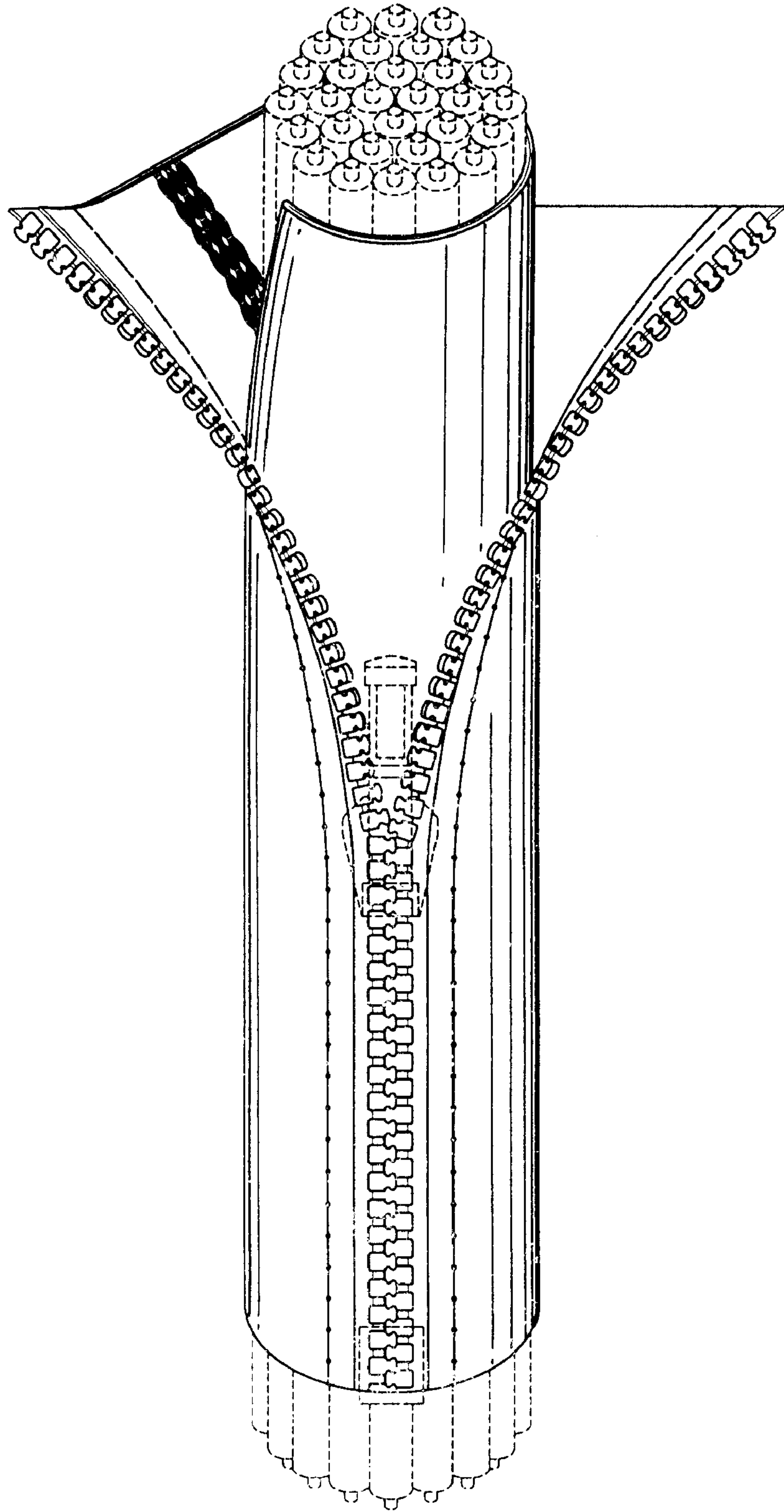


FIG. 11