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

(10) **Patent No.:** **US D842,474 S**
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- (54) **ENDODONTIC FILE**
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- (52) **U.S. Cl.**
USPC **D24/152**
- (58) **Field of Classification Search**
USPC D24/152, 156, 107, 146-147; D8/387;
D15/139; 433/102, 81, 224
(Continued)

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(57) **CLAIM**

I claim the ornamental design for an endodontic file, as shown and described.

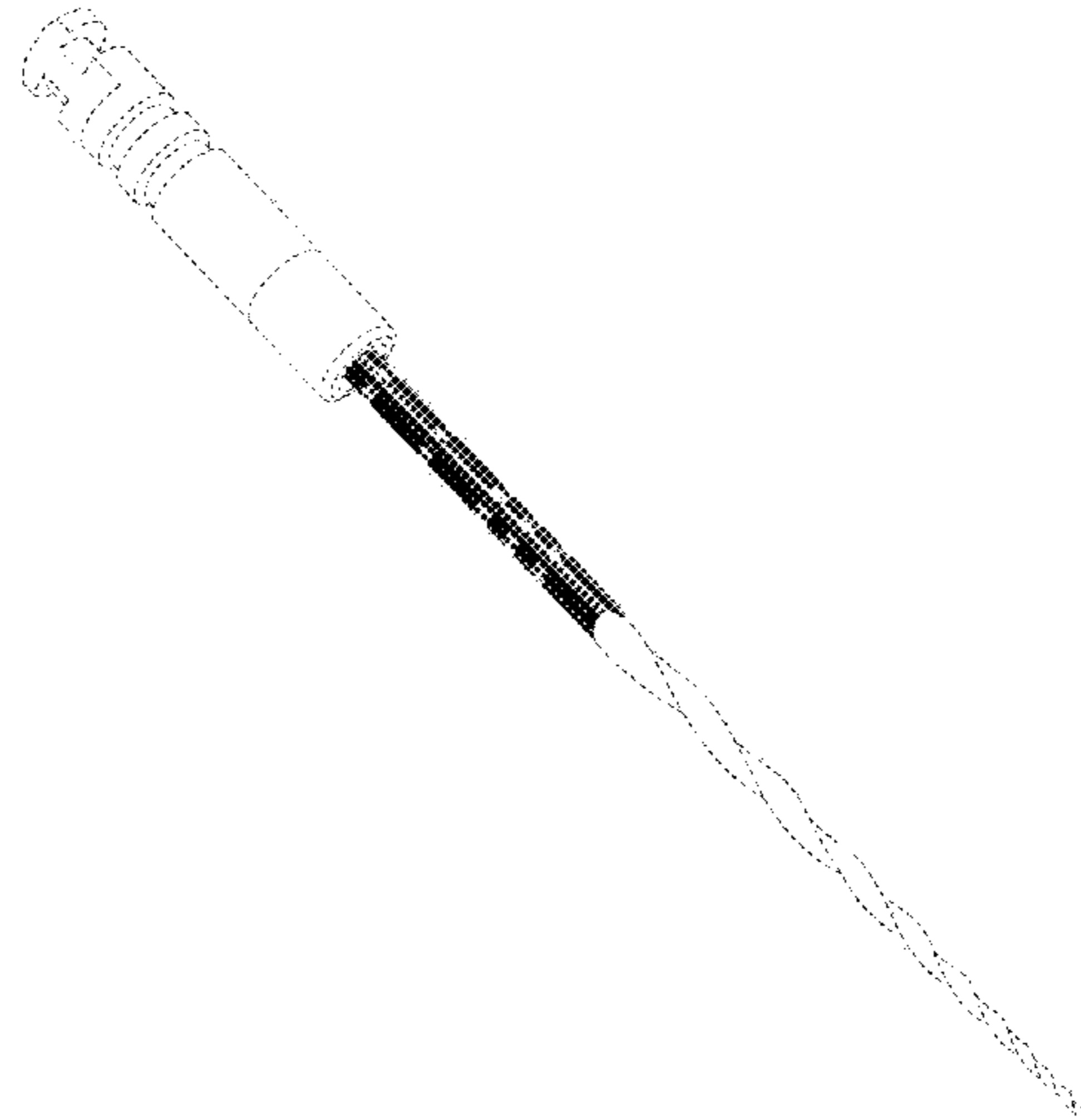
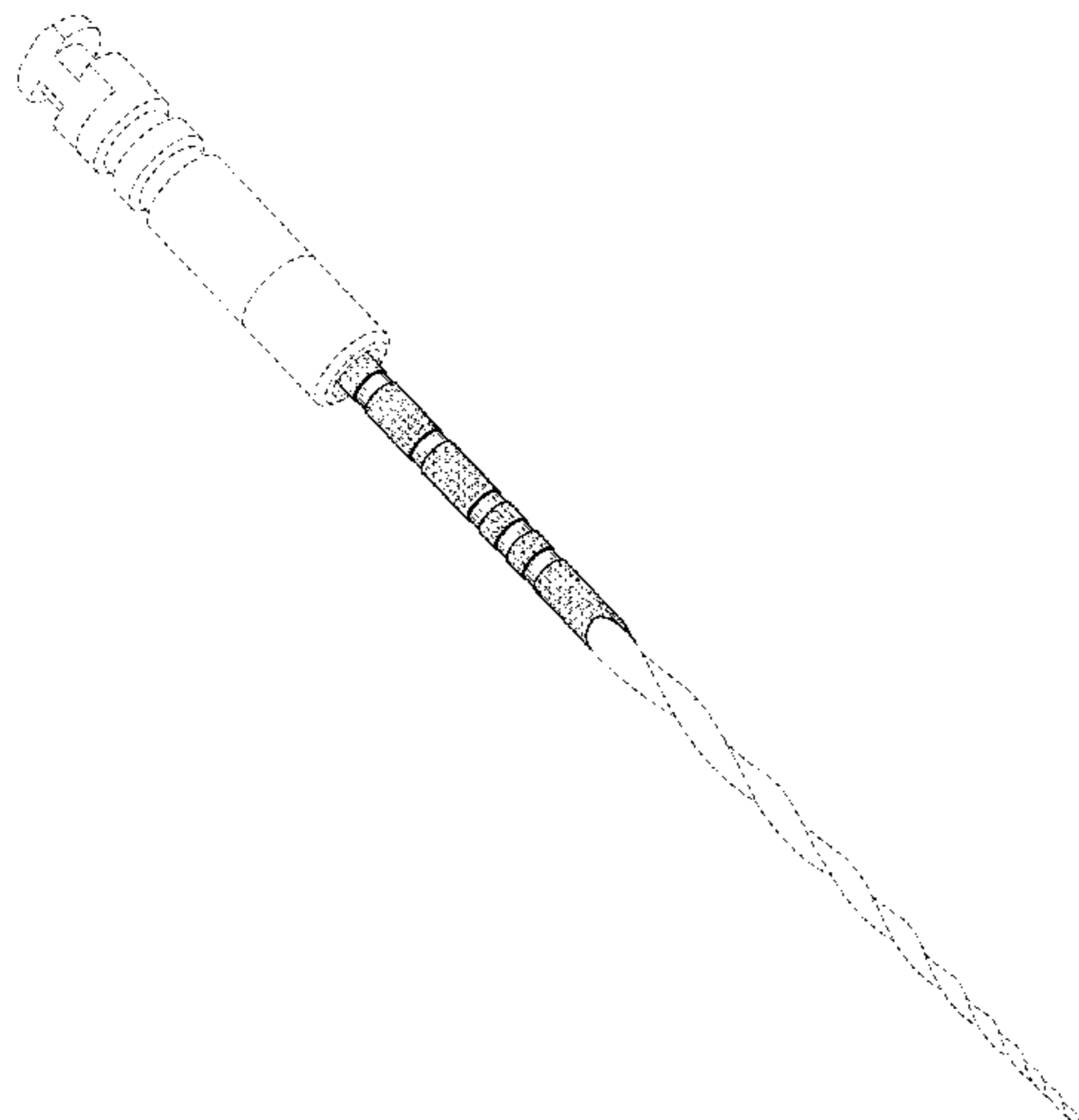
DESCRIPTION

The file of this patent contains at least one drawing/photograph executed in color. Copies of this patent with color drawing(s)/photograph(s) will be provided by the Office upon request and payment of the necessary fee.

FIG. 1 is a front, right side isometric view of an endodontic file showing a first embodiment of my new design;
 FIG. 2 is a front elevational view thereof;
 FIG. 3 is a rear elevational view thereof;
 FIG. 4 is a left side elevational view thereof;
 FIG. 5 is a right side elevational view thereof;
 FIG. 6 is a top plan view thereof;
 FIG. 7 is a bottom plan view thereof;
 FIG. 8 is a front, right side isometric view of an endodontic file showing a second embodiment of my new design;
 FIG. 9 is a front elevational view thereof;
 FIG. 10 is a rear elevational view thereof;
 FIG. 11 is a left side elevational view thereof;
 FIG. 12 is a right side elevational view thereof;
 FIG. 13 is a top plan view thereof;
 FIG. 14 is a bottom plan view thereof;
 FIG. 15 is a front, right side isometric view of an endodontic file showing a third embodiment of my new design;
 FIG. 16 is a front elevational view thereof;
 FIG. 17 is a rear elevational view thereof;
 FIG. 18 is a left side elevational view thereof;
 FIG. 19 is a right side elevational view thereof;
 FIG. 20 is a top plan view thereof; and,
 FIG. 21 is a bottom plan view thereof.

The broken line showing of the endodontic file is for the purpose of illustrating environmental structure and forms no part of the claimed design.

1 Claim, 9 Drawing Sheets
(6 of 9 Drawing Sheet(s) Filed in Color)



(58) **Field of Classification Search**
 CPC A61C 5/42; A61C 5/40
 See application file for complete search history.

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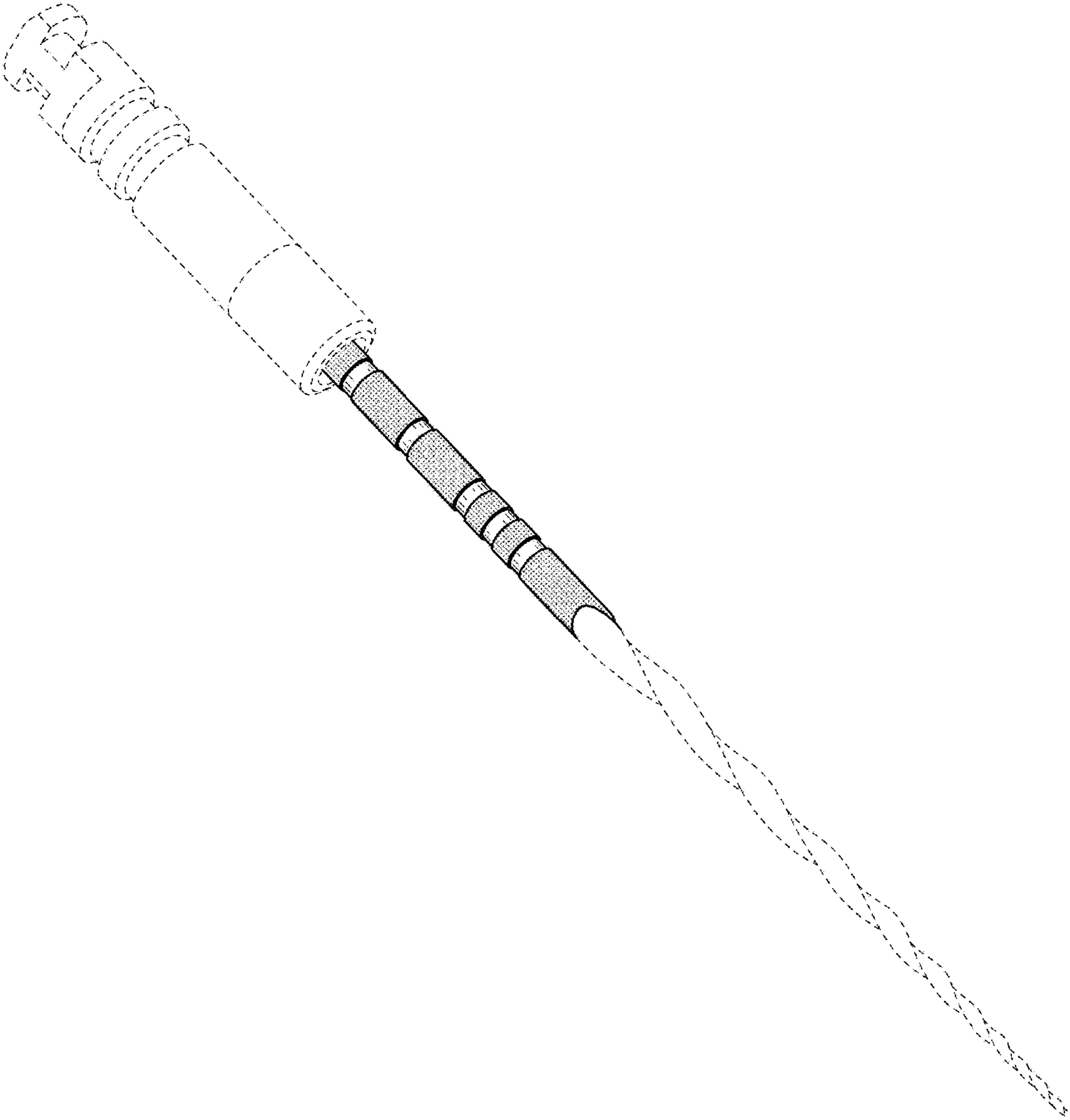


FIG. 1

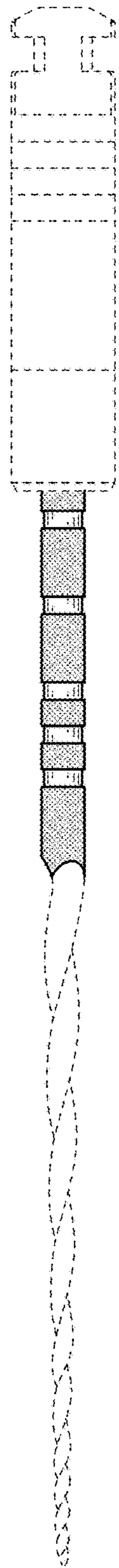


FIG. 2

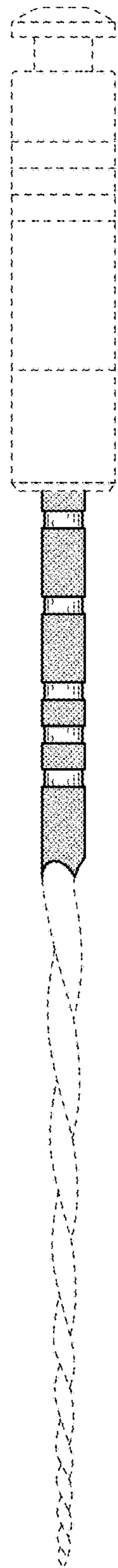


FIG. 3

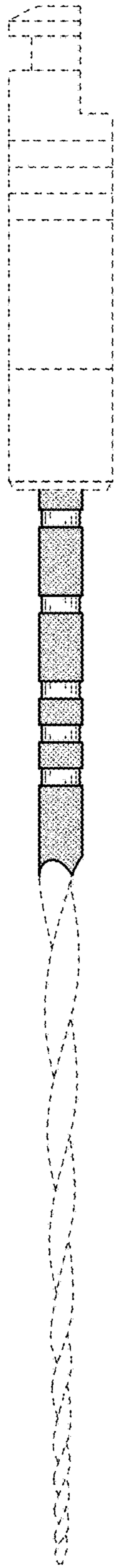


FIG. 4

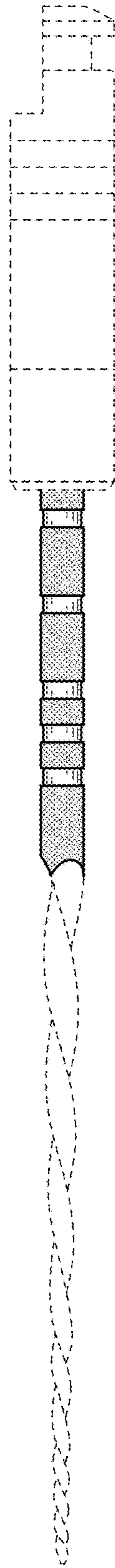


FIG. 5

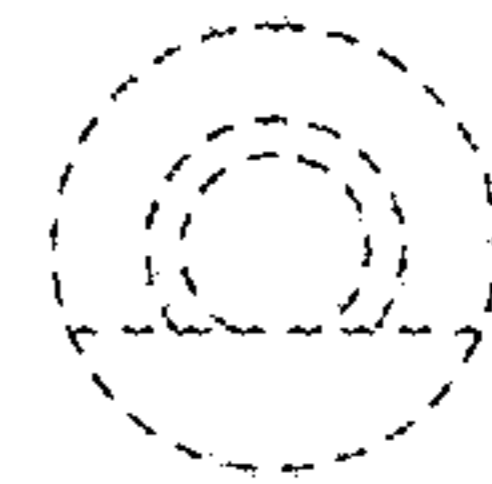


FIG. 6

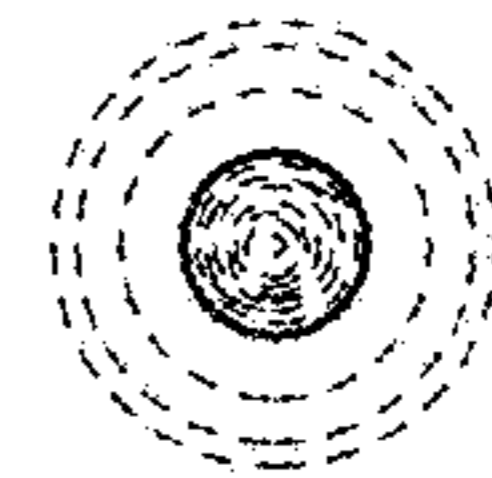


FIG. 7

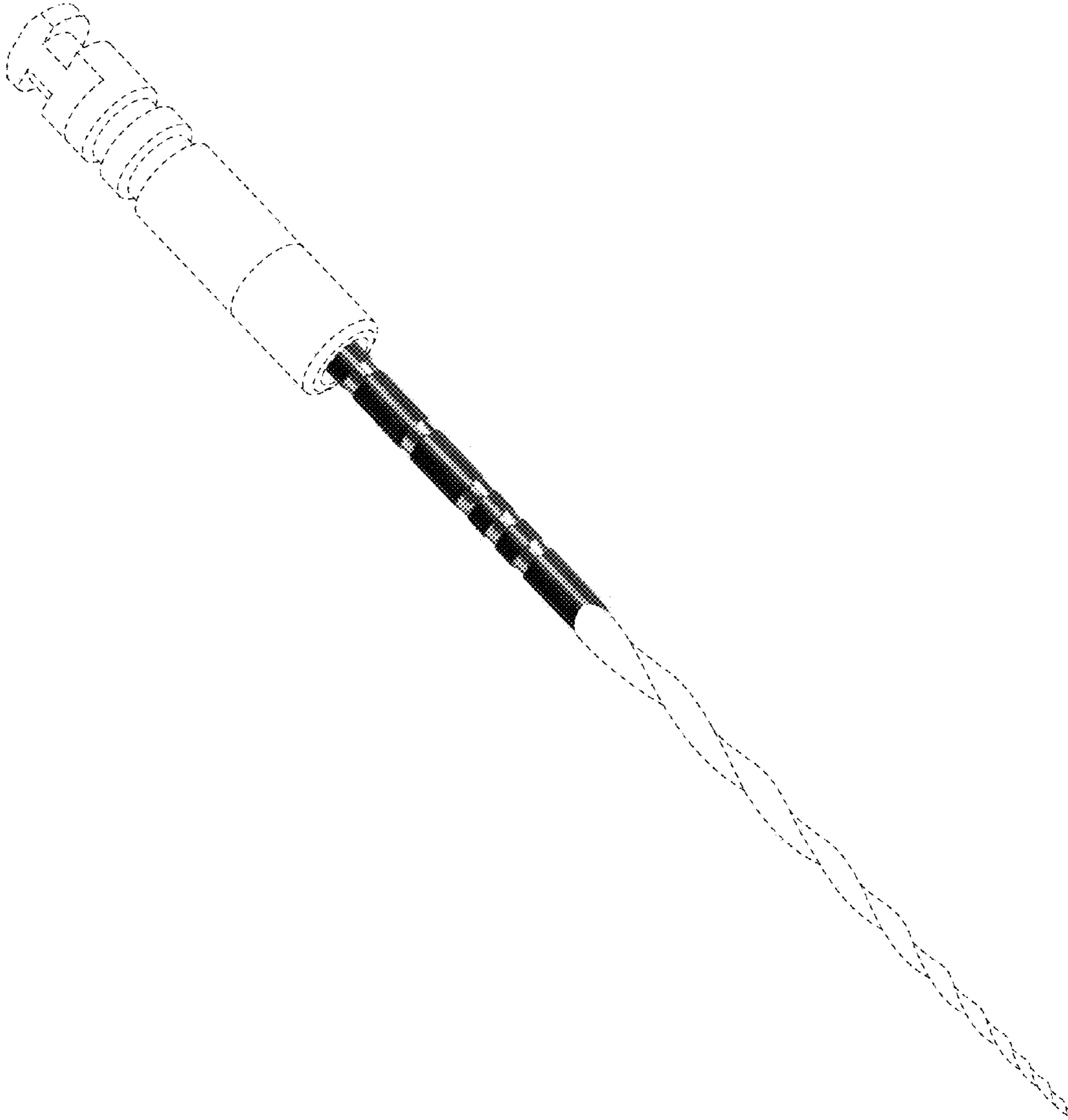


FIG. 8

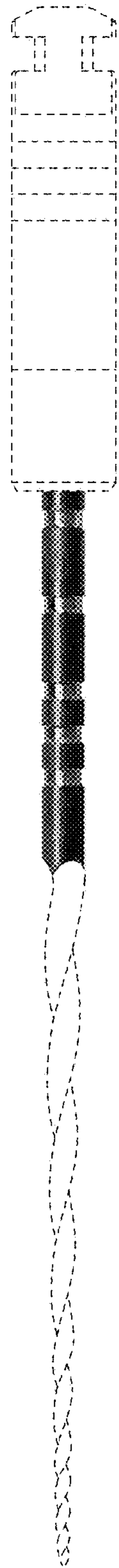


FIG. 9

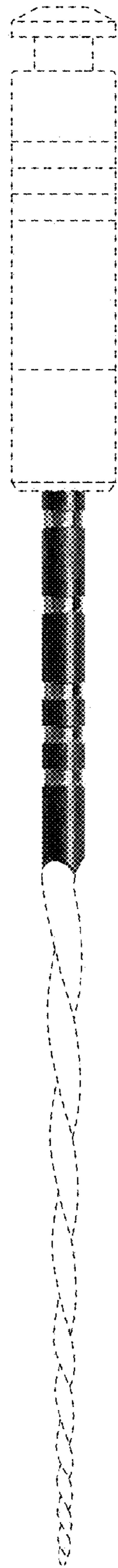


FIG. 10

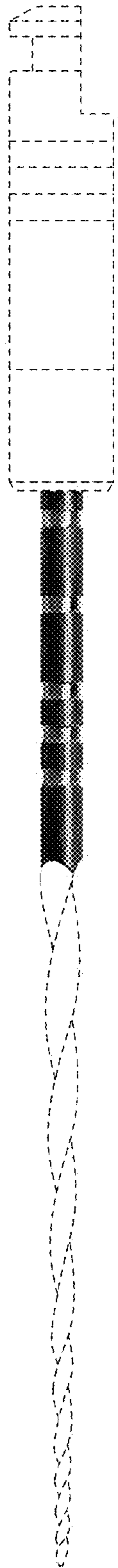


FIG. 11

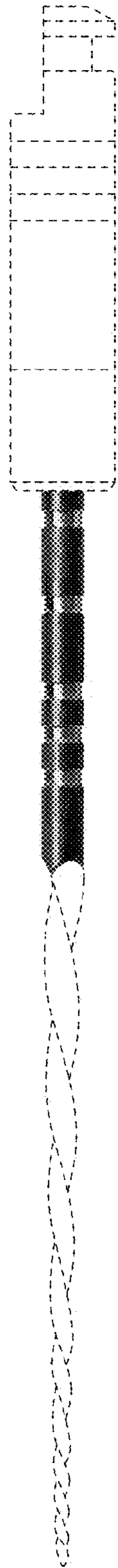


FIG. 12

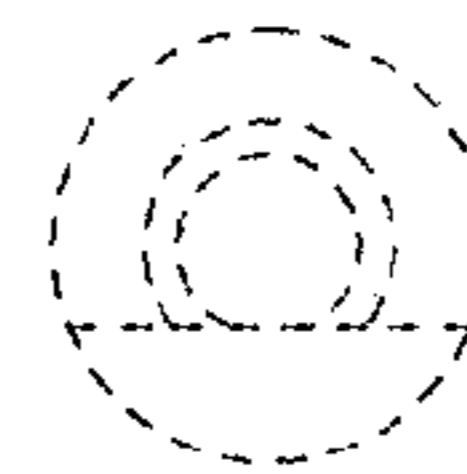


FIG. 13

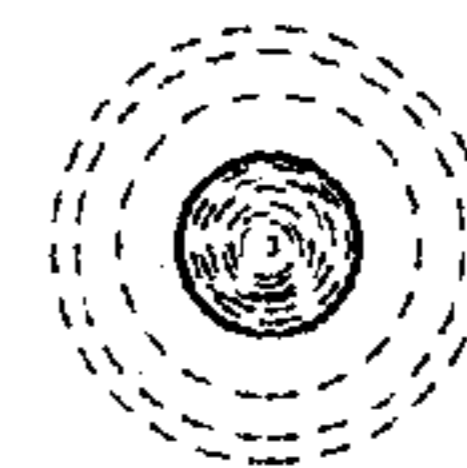


FIG. 14

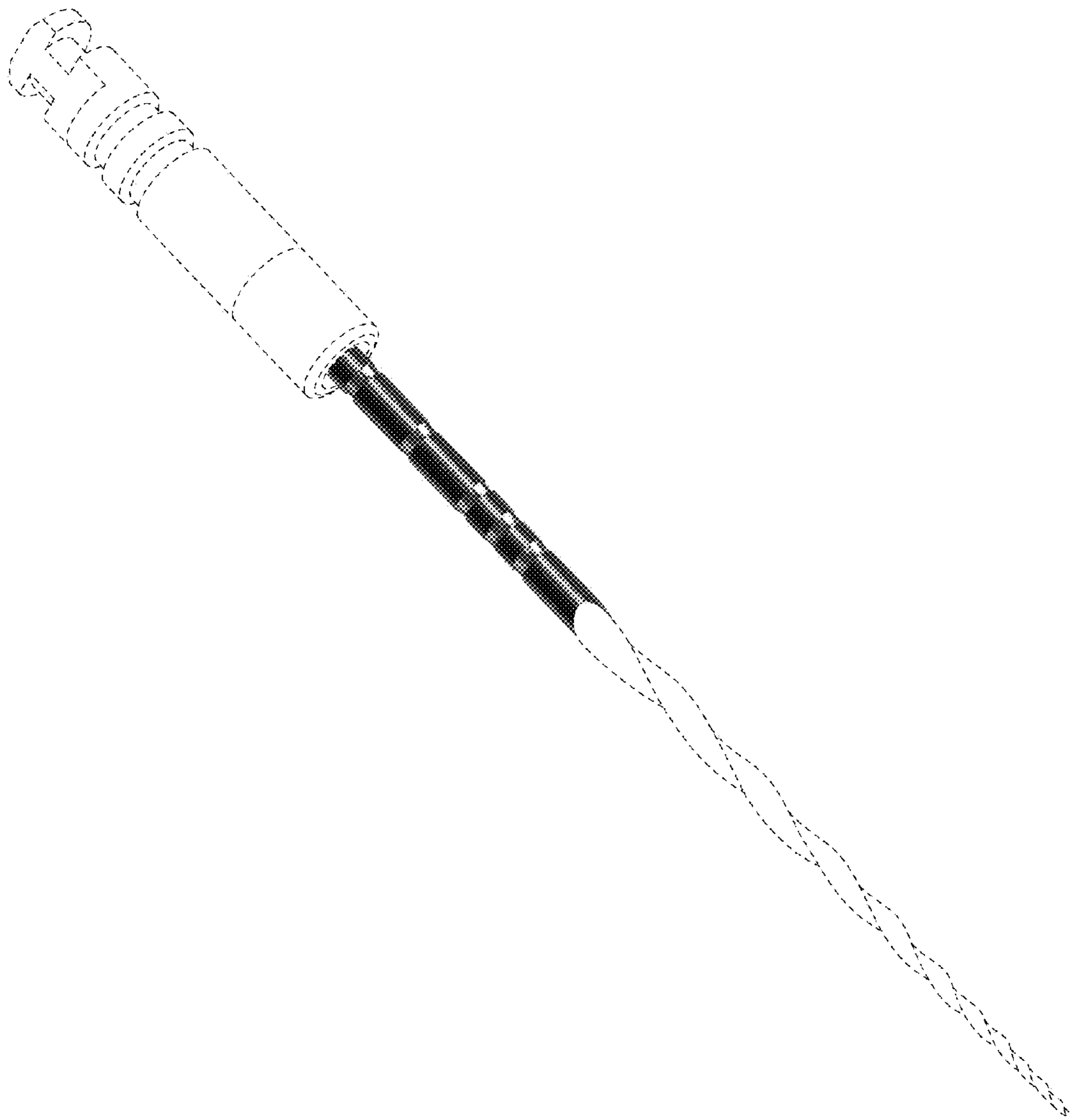


FIG. 15

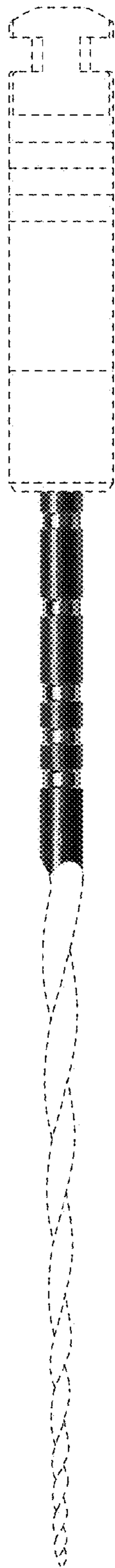


FIG. 16

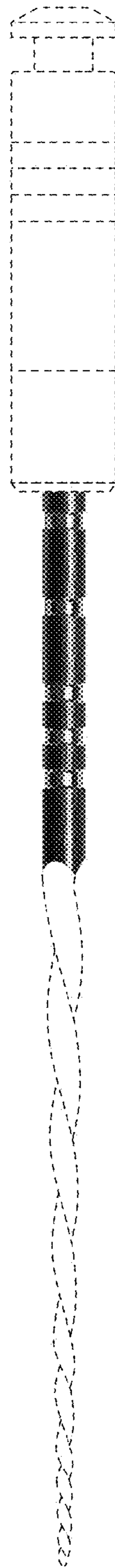


FIG. 17

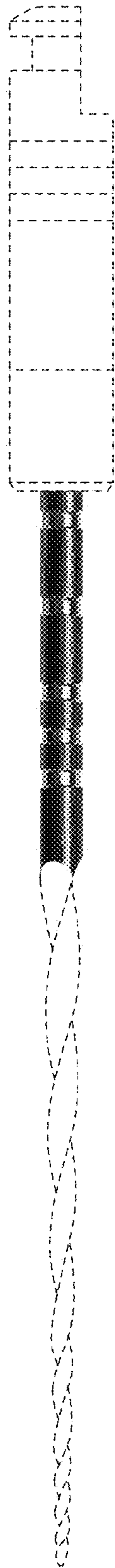


FIG. 18

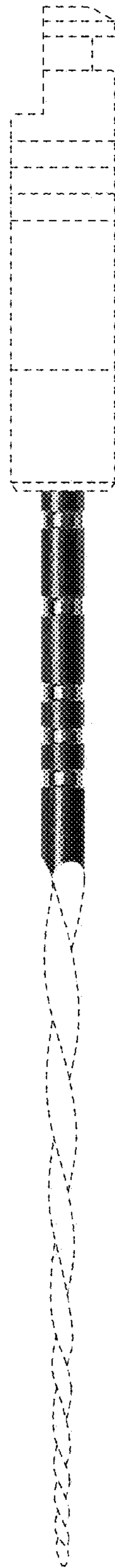


FIG. 19

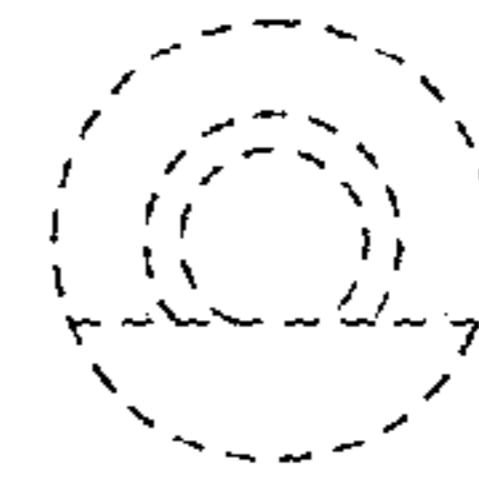


FIG. 20

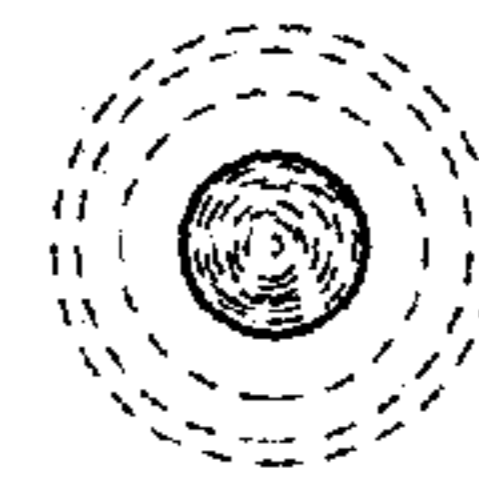


FIG. 21