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(12)

United States Design Patent

Matsumoto et al.

(10)

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(45)

Date of Patent:

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(54) DRILL FOR SURGICAL INSTRUMENT

(71) Applicant: Nipro Corporation, Osaka (JP)

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(73) Assignee: Nipro Corporation, Osaka (JP)

(\*\*) Term: 15 Years

(21) Appl. No.: 29/787,734

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(51) LOC (14) Cl. 24-02

(52) U.S. Cl. USPC D24/146

(58) Field of Classification Search  
USPC D24/86, 119, 127, 130, 133, 144, 146, D24/147, 184, 200, 214  
CPC A61B 18/2018; A61B 2018/0231; A61B 1/018; A61B 2017/2939; A61C 19/04; A61F 13/38; A61F 2210/0038; A61F 5/533; B01L 2300/0825; B01L 3/5023; B01L 3/5029; C12M 1/30; G01N 33/5302  
See application file for complete search history.

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Primary Examiner — Samantha Q Lawrence  
(74) Attorney, Agent, or Firm — Wolf, Greenfield & Sacks, P.C.

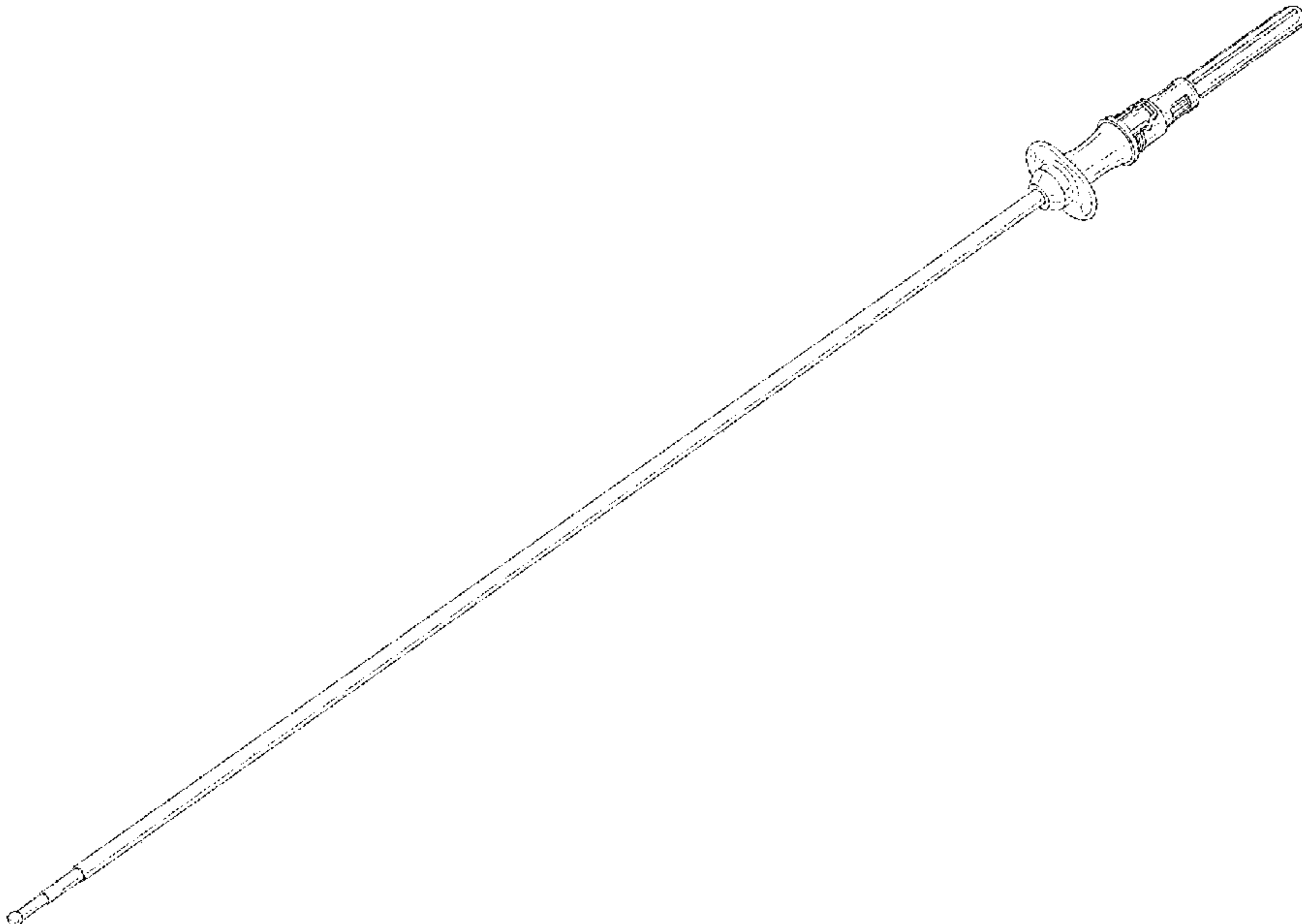
(57) CLAIM

The ornamental design for a drill for surgical instrument, as shown and described.

DESCRIPTION

FIG. 1 is a left side perspective view of a drill for surgical instrument showing our new design;  
FIG. 2 is a right side perspective view thereof;  
FIG. 3 is a front view thereof;  
FIG. 4 is a rear view thereof;  
FIG. 5 is a top plan view thereof;  
FIG. 6 is a bottom plan view thereof;  
FIG. 7 is a right side view thereof;  
FIG. 8 is a left side view thereof; and,  
FIG. 9 is a referential view showing the drill being attached to a handpiece.  
The features shown broken lines in the drawings depict environmental subject matter only and form no part of the claimed design.

1 Claim, 6 Drawing Sheets



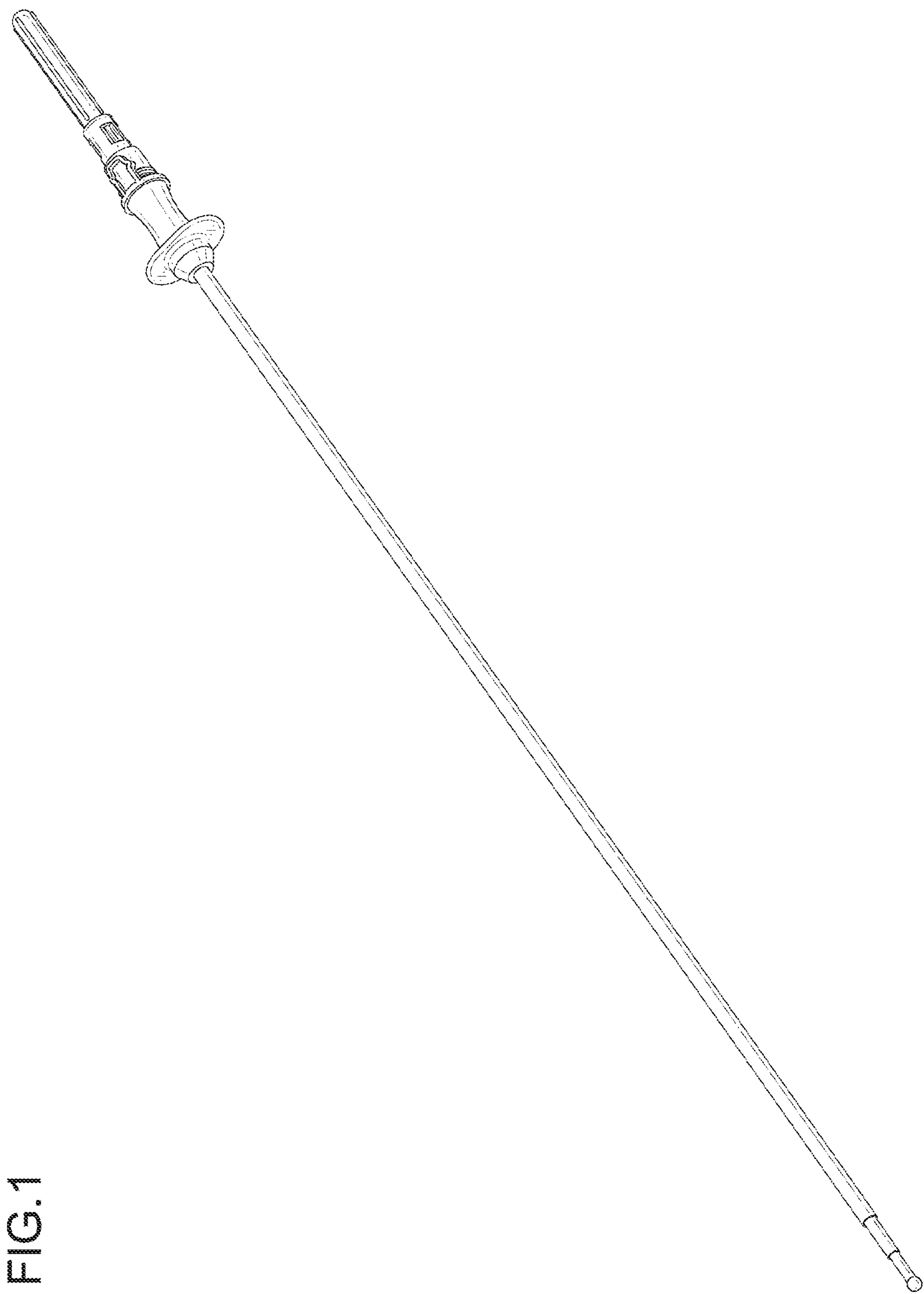


FIG.1

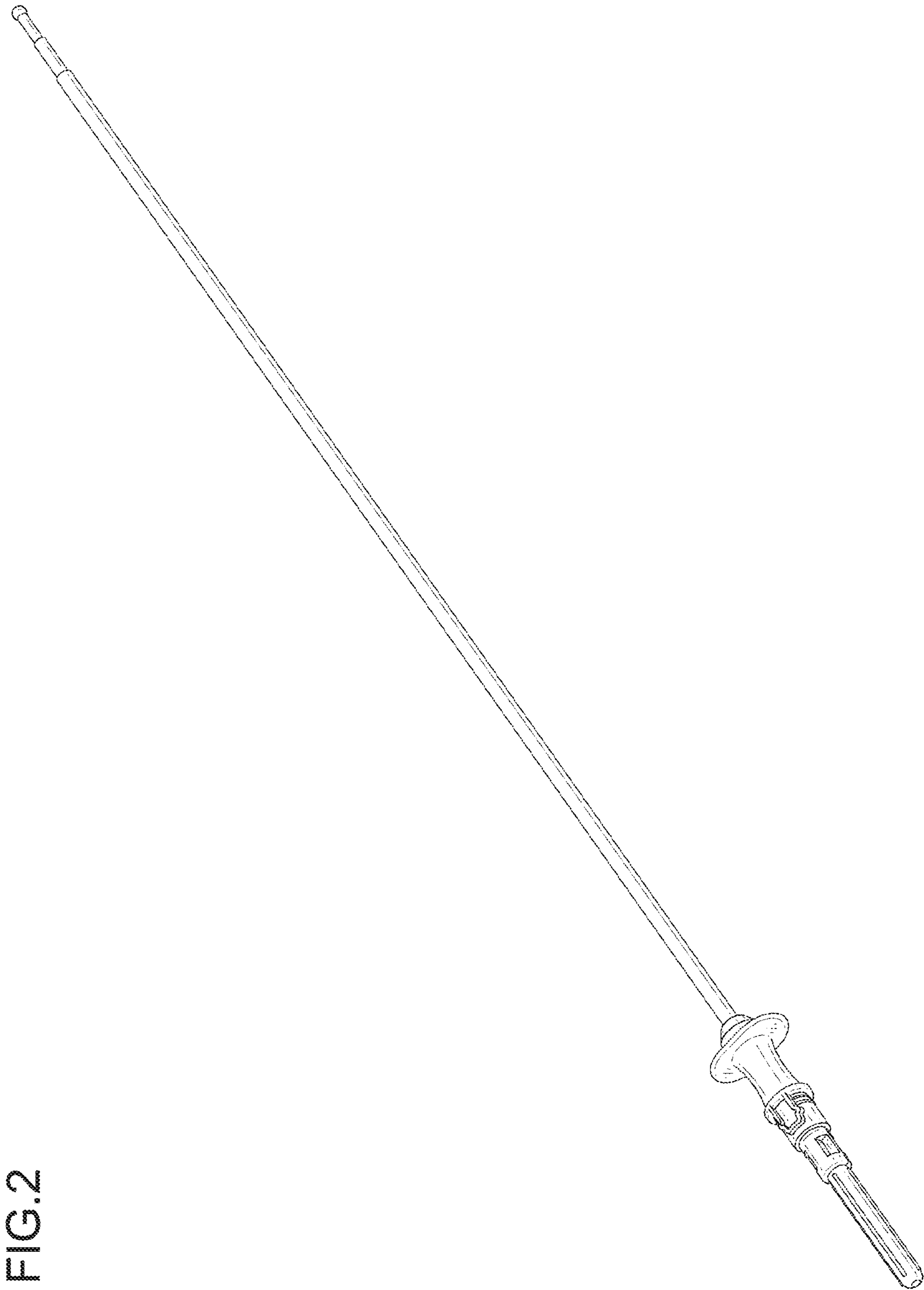


FIG. 2

FIG.3

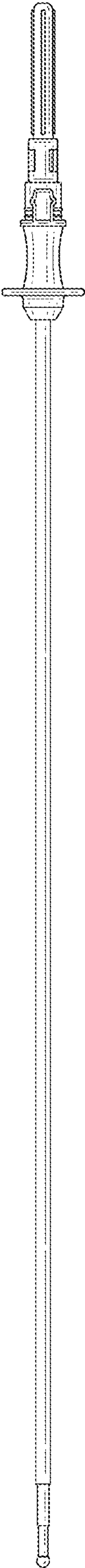


FIG.4

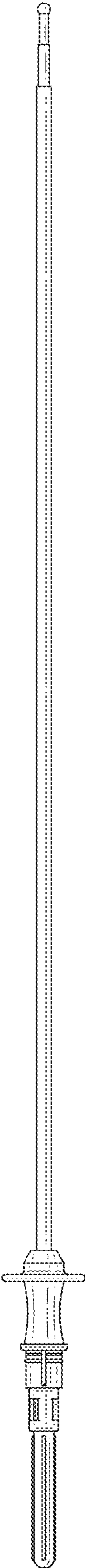


FIG.5

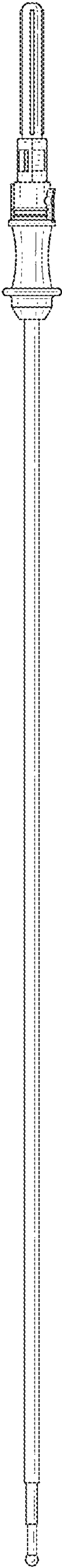


FIG.6

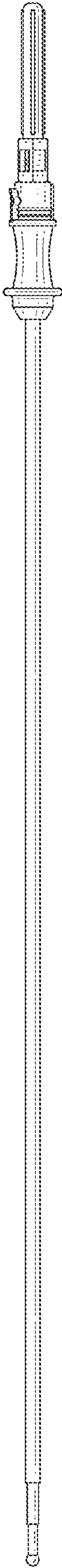




FIG.8

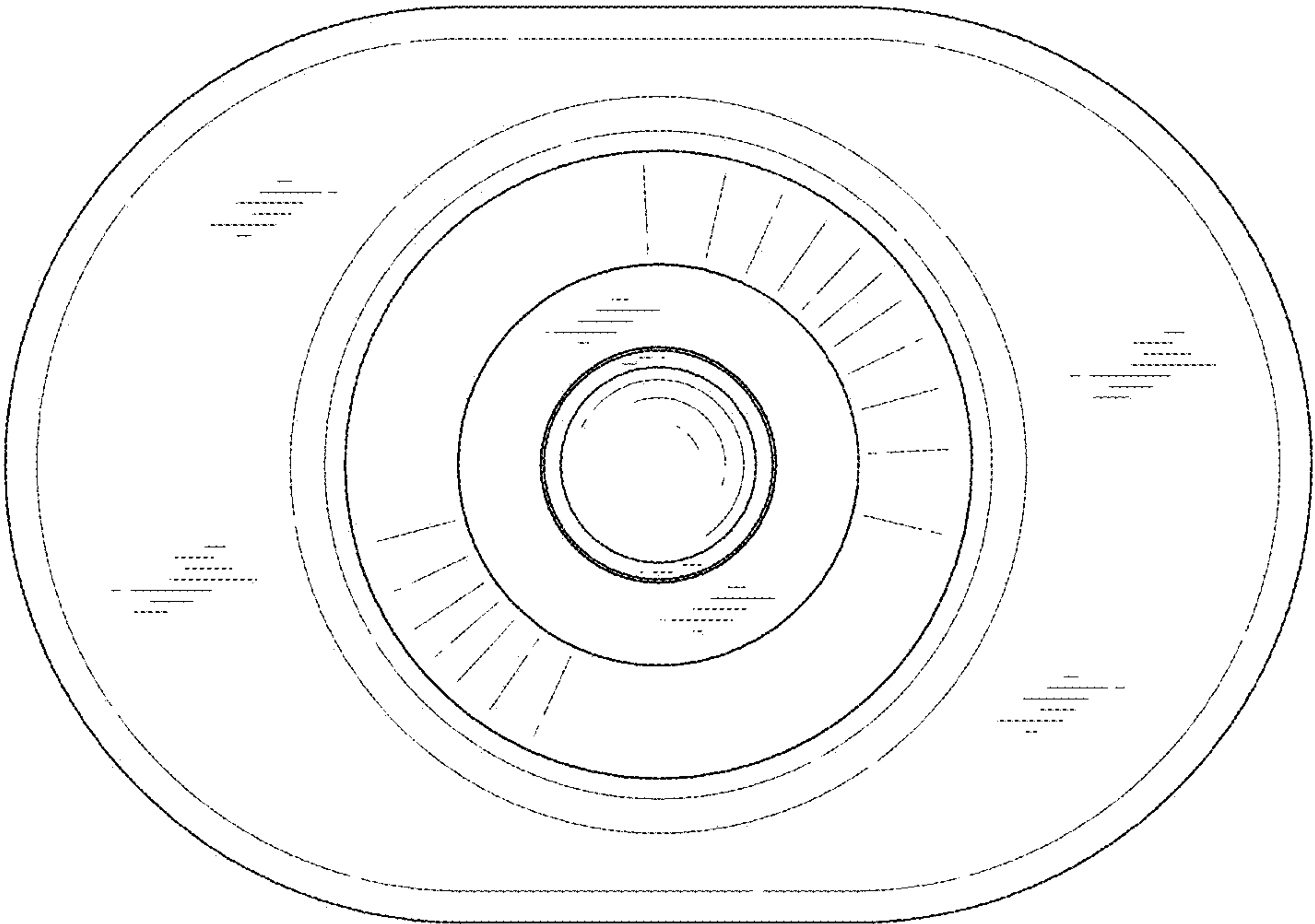
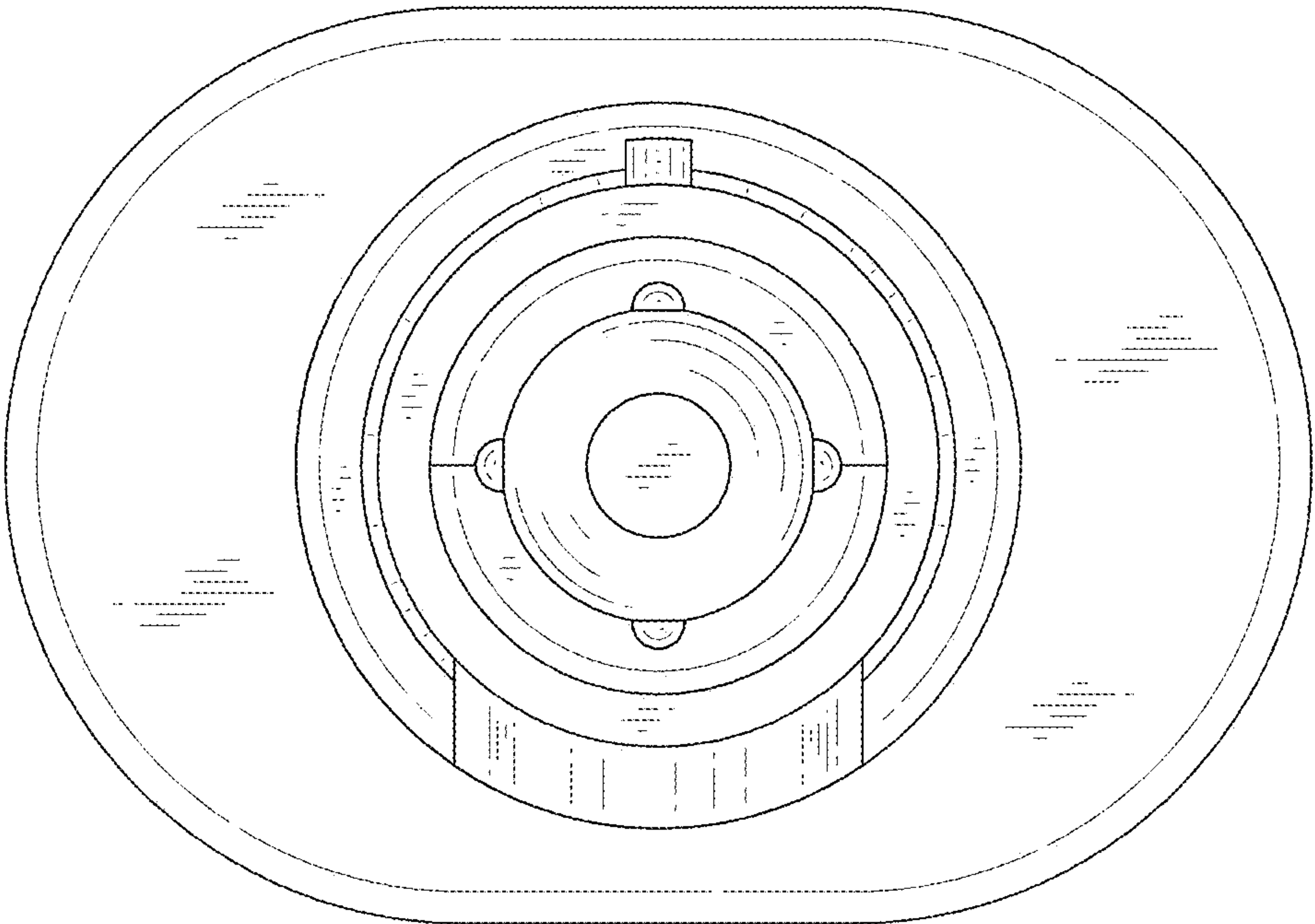


FIG.7



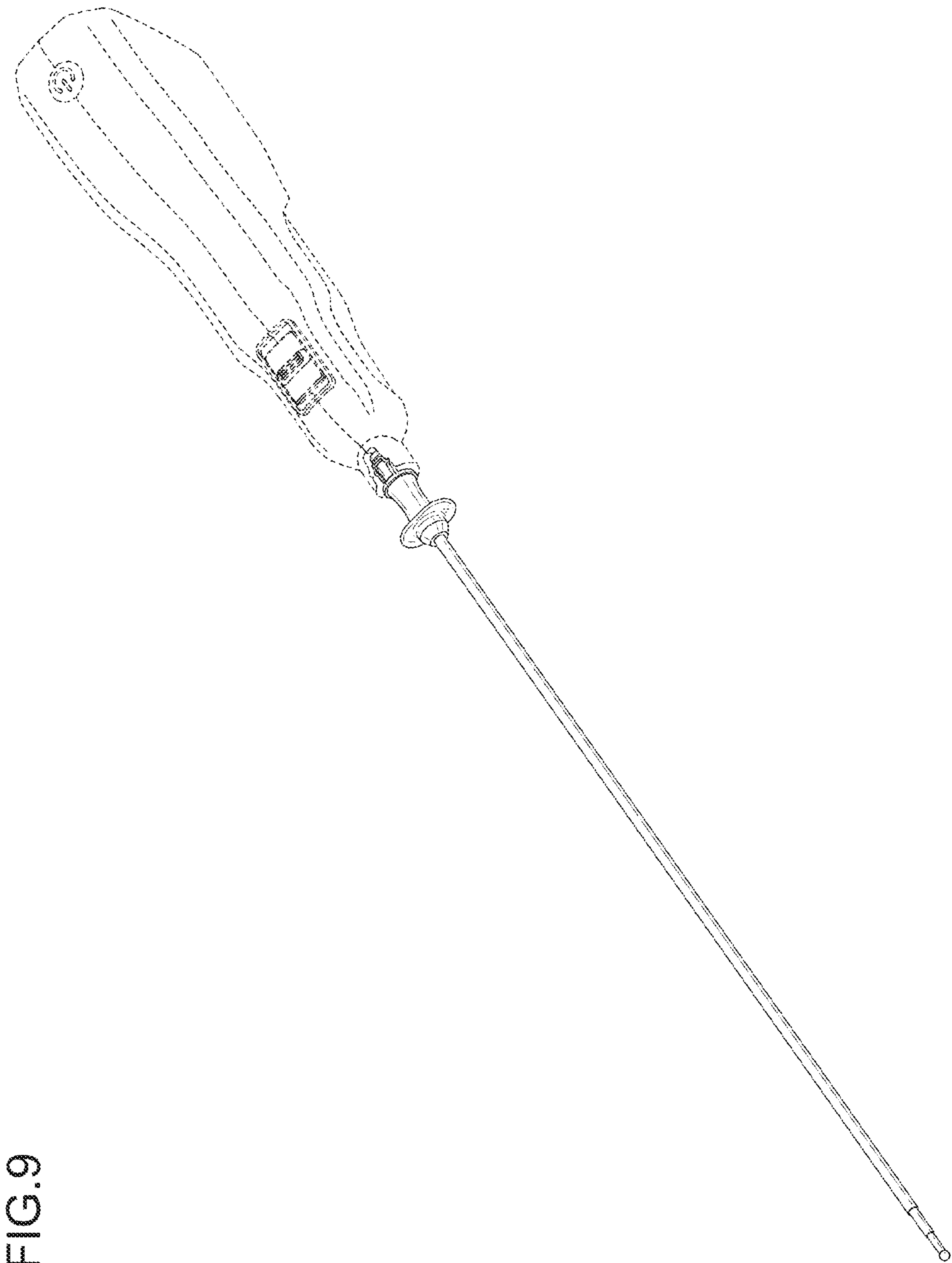


FIG. 9

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : D987,824 S  
APPLICATION NO. : 29/787734  
DATED : May 30, 2023  
INVENTOR(S) : Misa Matsumoto et al.


Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the Title Page

Please add:

**(30) Foreign Application Priority Data**  
Dec. 10, 2020 (JP) 2020-26597 D

Signed and Sealed this  
Tenth Day of October, 2023  
  
Katherine Kelly Vidal  
*Director of the United States Patent and Trademark Office*