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(12) **United States Design Patent** (10) **Patent No.:** **US D833,607 S**
Aradono et al. (45) **Date of Patent:** **** Nov. 13, 2018**

(54) **MEDICAL RETRACTOR**

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

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(30) **Foreign Application Priority Data**

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(51) **LOC (11) Cl.** **24-02**

(52) **U.S. Cl.**
USPC **D24/135**

(58) **Field of Classification Search**

USPC D24/133, 135, 136, 140, 143, 150, 152,
D24/171, 172, 176, 231; D8/47, 48, 82,
D8/83, 88, 89

(Continued)

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(57)

CLAIM

The ornamental design for a medical retractor, as shown and
described.

DESCRIPTION

FIG. 1 is a front view of a medical retractor;
FIG. 2 is a bottom view of the medical retractor of FIG. 1;
FIG. 3 is a top view of the medical retractor of FIG. 1;
FIG. 4 is a right side view of the medical retractor of FIG.
1;

FIG. 5 is a left side view of the medical retractor of FIG. 1;
FIG. 6 is a perspective view of the medical retractor of FIG.
1;

FIG. 7 is a front view of a second embodiment of a medical
retractor;

FIG. 8 is a bottom view of the medical retractor of FIG. 7;

FIG. 9 is a top view of the medical retractor of FIG. 7;

FIG. 10 is a right side view of the medical retractor of FIG.
7;

FIG. 11 is a left side view of the medical retractor of FIG.
7;

FIG. 12 is a perspective view of the medical retractor of FIG.
7;

FIG. 13 is a front view of a third embodiment of a medical
retractor;

FIG. 14 is a bottom view of the medical retractor of FIG. 13;

FIG. 15 is a top view of the medical retractor of FIG. 13;

FIG. 16 is a right side view of the medical retractor of FIG.
13;

FIG. 17 is a left side view of the medical retractor of FIG.
13;

FIG. 18 is a perspective view of the medical retractor of FIG.
13;

FIG. 19 is a front view of a fourth embodiment of a medical
retractor;

FIG. 20 is a bottom view of the medical retractor of FIG. 19;

FIG. 21 is a top view of the medical retractor of FIG. 19;

FIG. 22 is a right side view of the medical retractor of FIG.
19;

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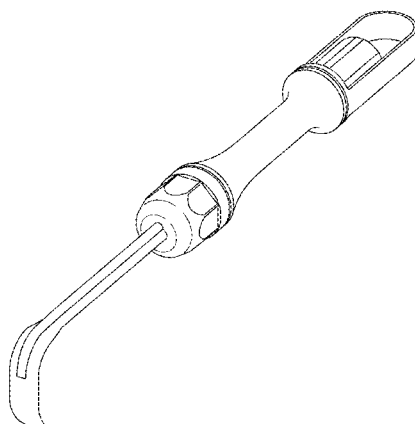


FIG. 23 is a left side view of the medical retractor of FIG. 19;
 FIG. 24 is a perspective view of the medical retractor of FIG. 19;
 FIG. 25 is a front view of a fifth embodiment of a medical retractor;
 FIG. 26 is a bottom view of the medical retractor of FIG. 25;
 FIG. 27 is a top view of the medical retractor of FIG. 25;
 FIG. 28 is a right side view of the medical retractor of FIG. 25;
 FIG. 29 is a left side view of the medical retractor of FIG. 25; and,
 FIG. 30 is a perspective view of the medical retractor of FIG. 25.

1 Claim, 25 Drawing Sheets

(58) **Field of Classification Search**

CPC . A61B 17/02; A61B 17/0206; A61B 17/0293;
 A61B 17/0231; A61B 2017/0237; A61B
 2017/0256; A61B 2017/0268; A61B
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See application file for complete search history.

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Fig. 1

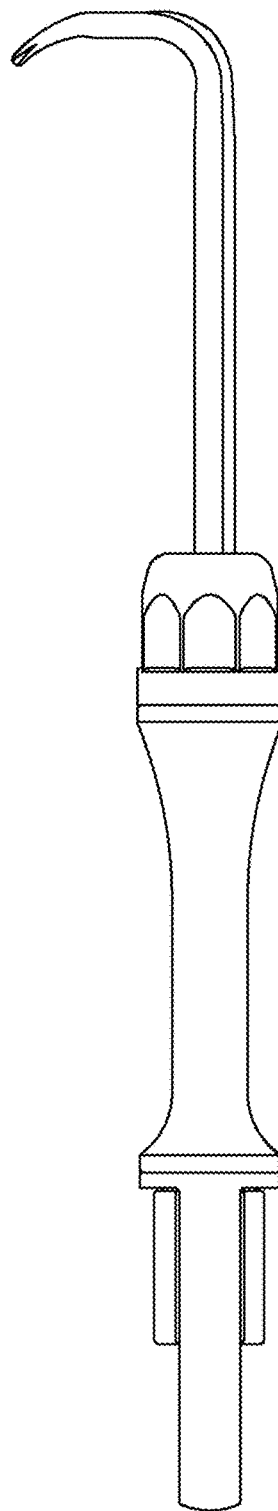


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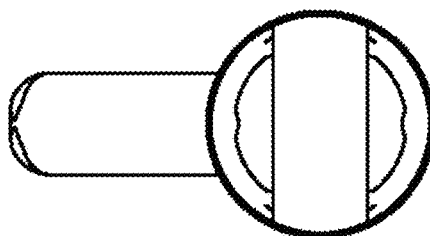


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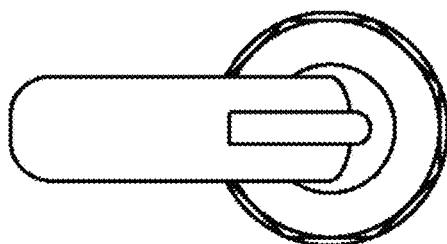


Fig. 4

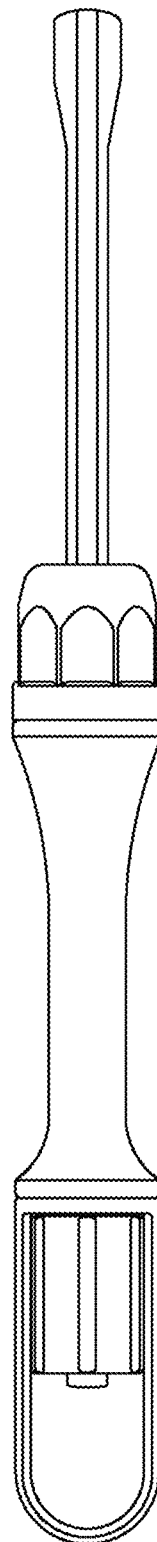


Fig. 5

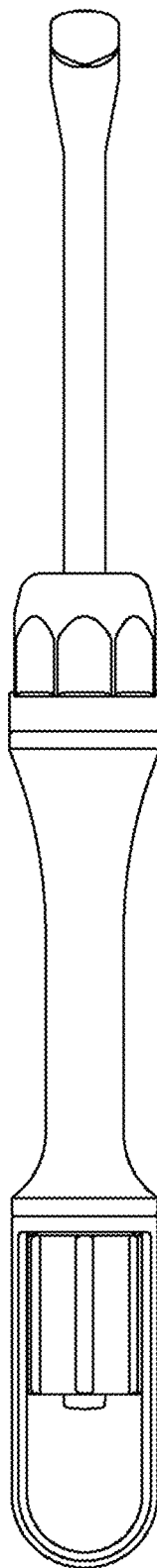


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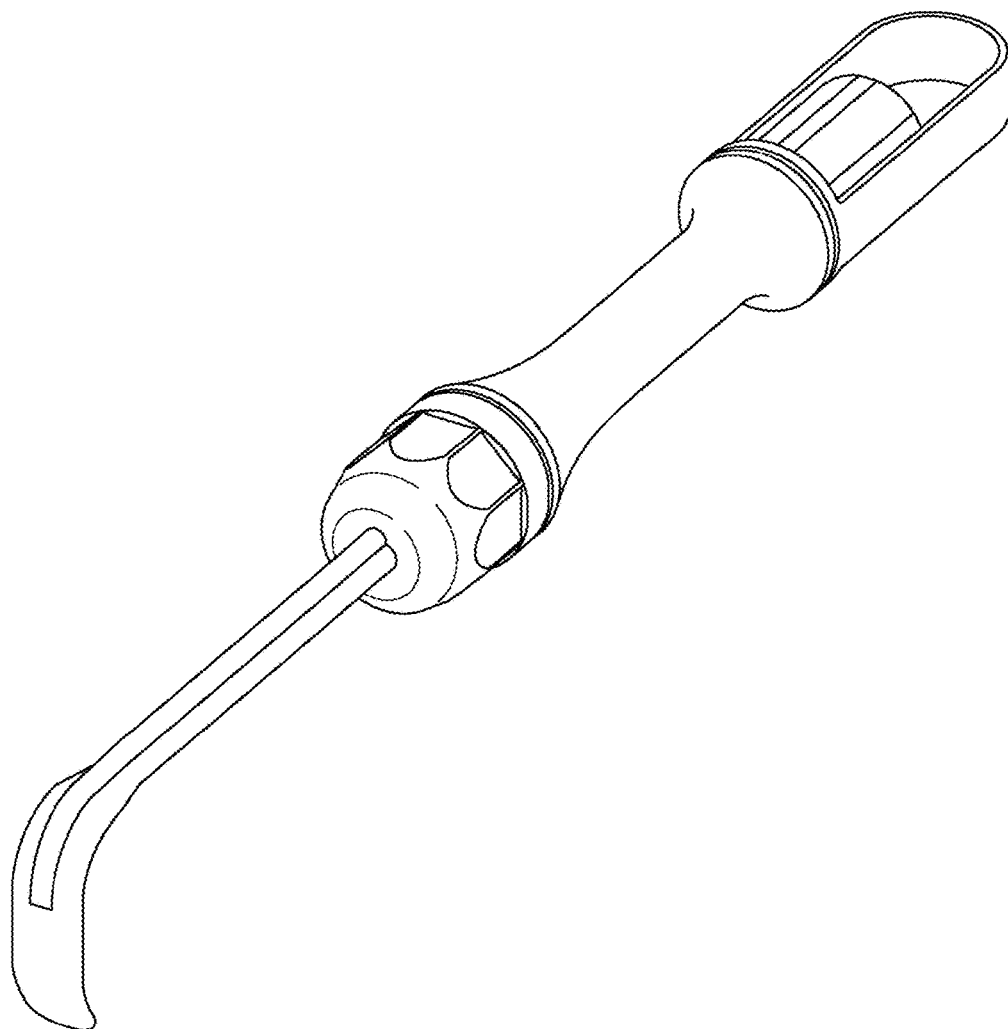


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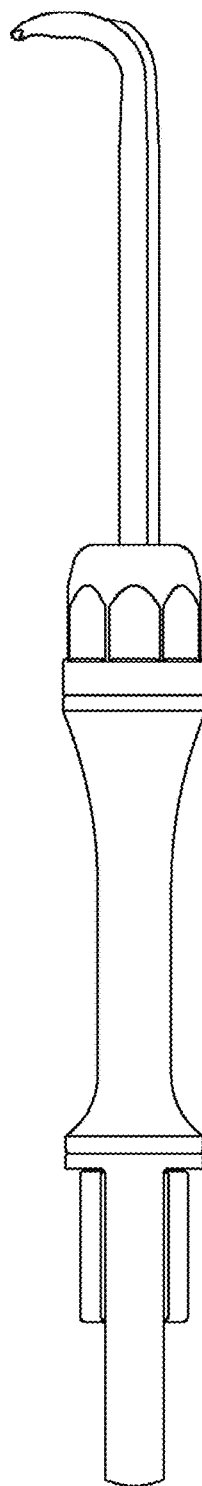


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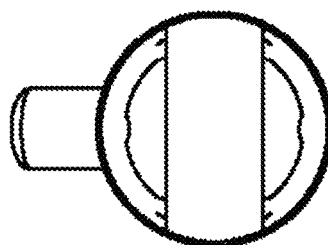


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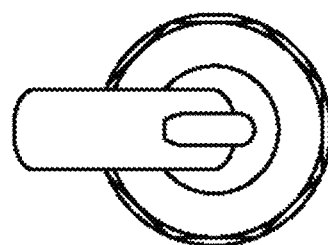


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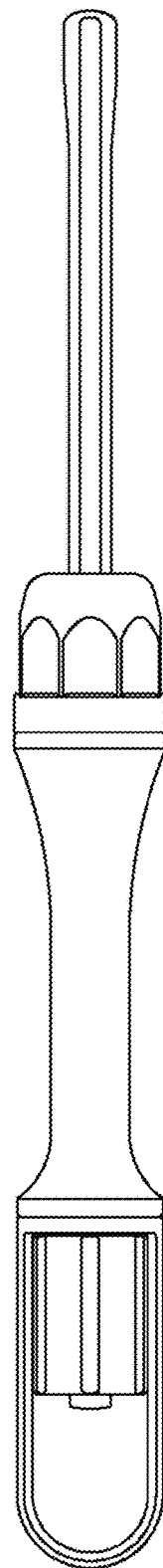


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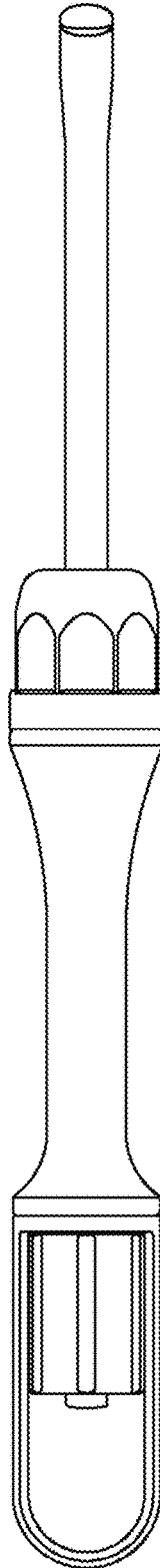


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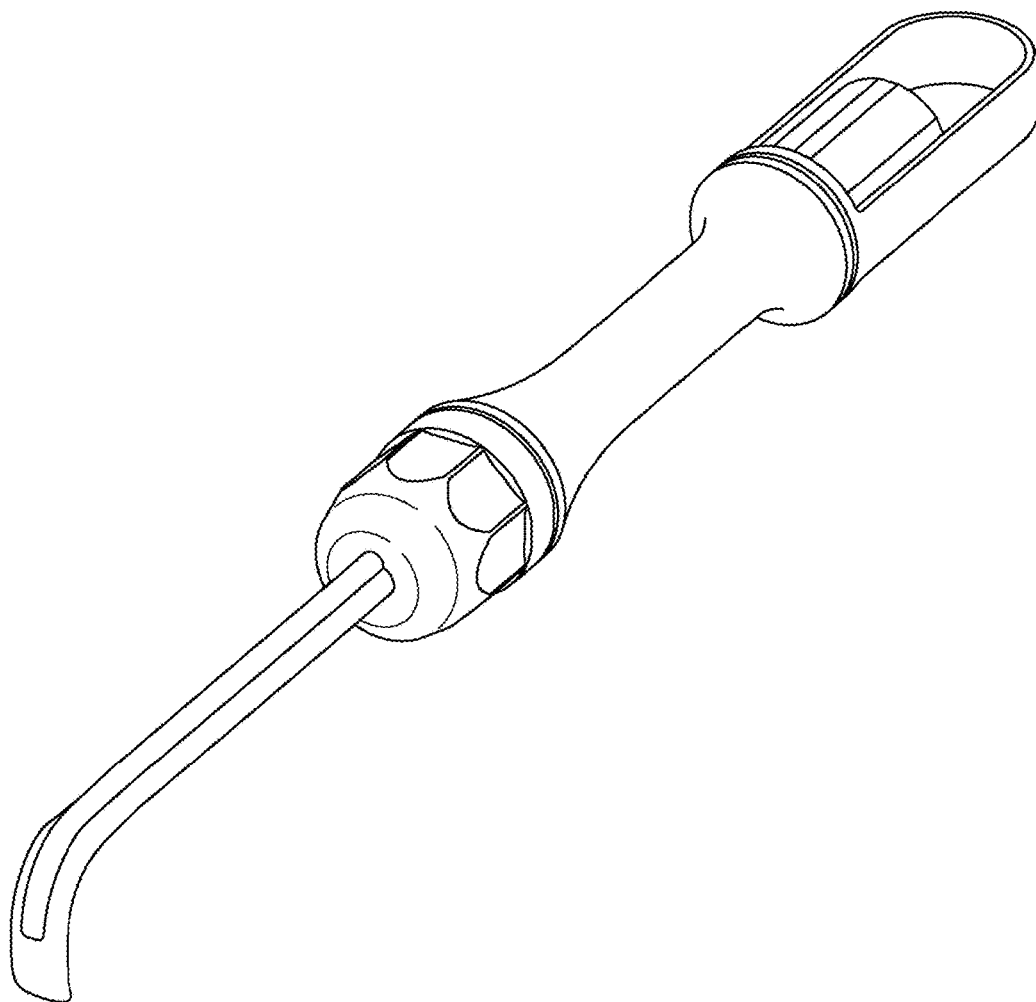


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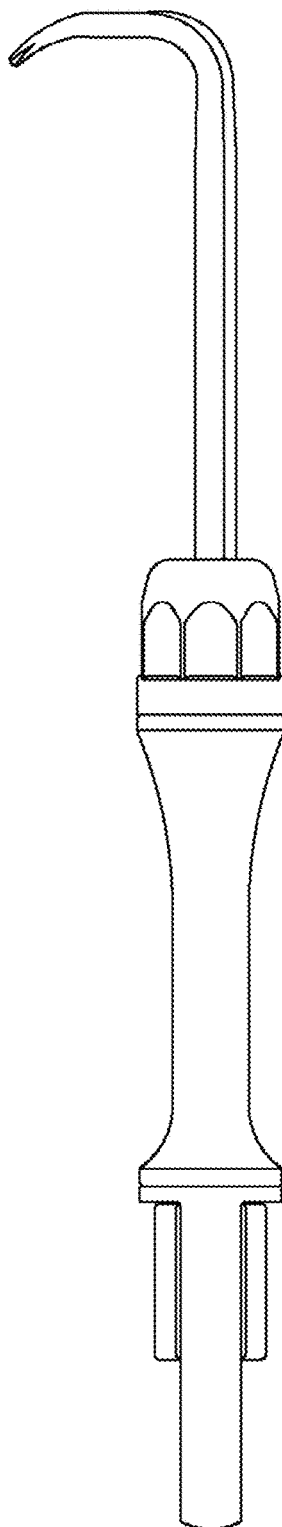


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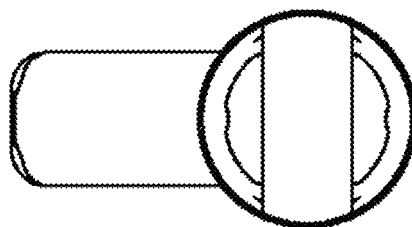


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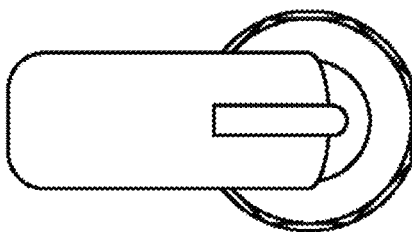


Fig. 16

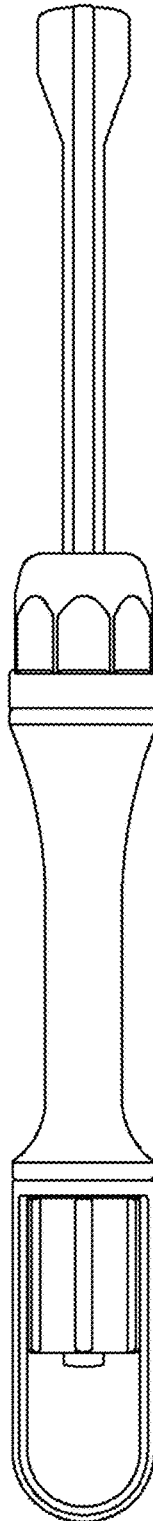


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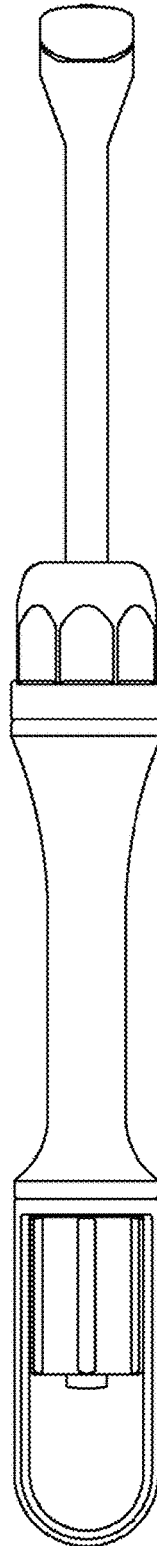


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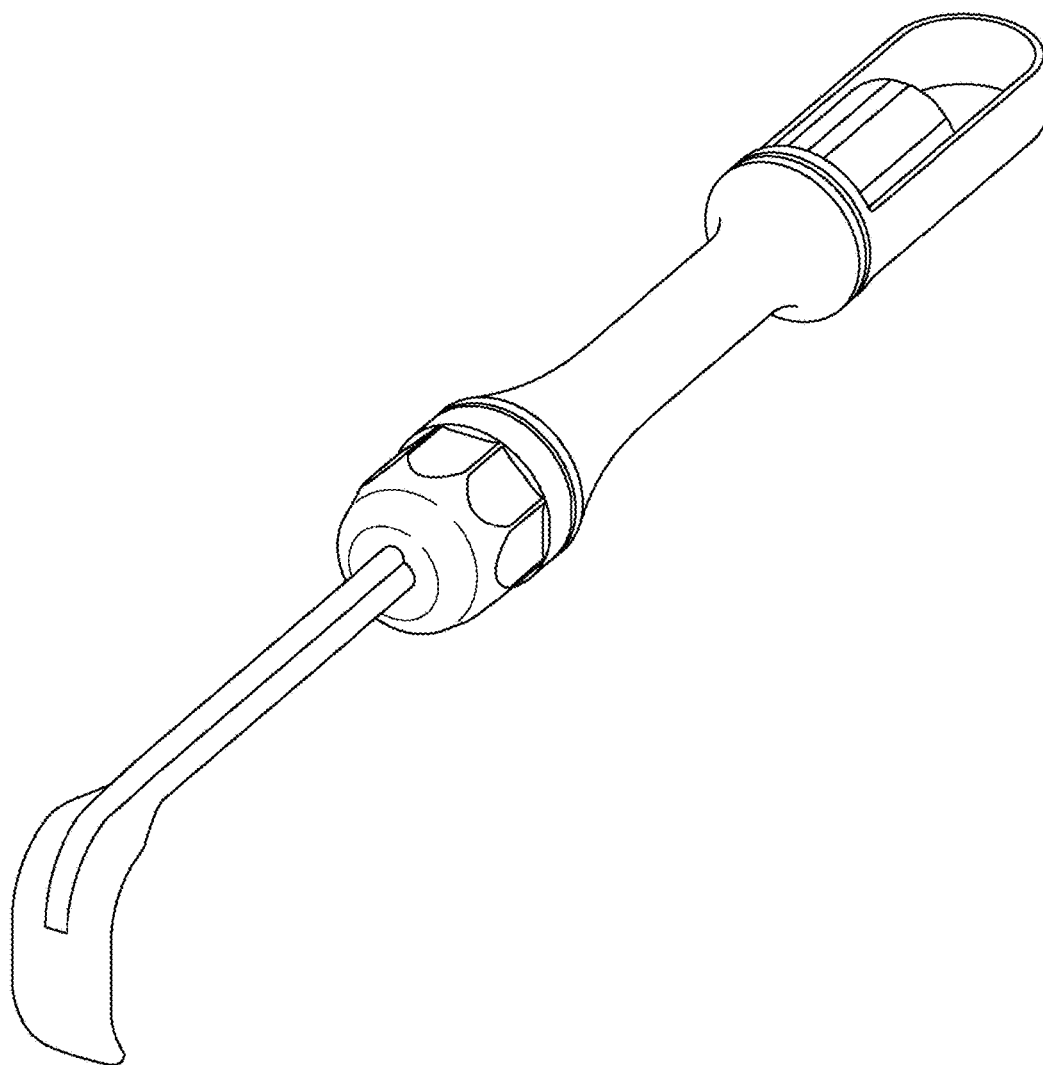


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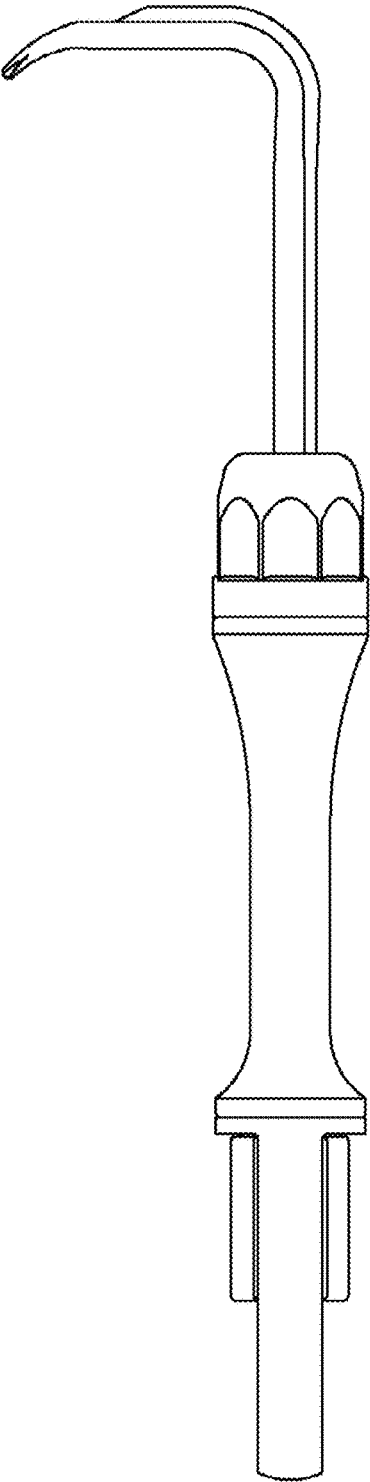


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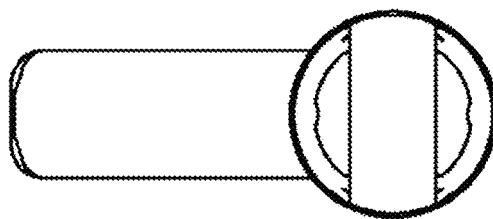


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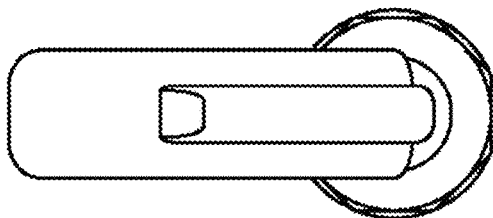


Fig. 22



Fig. 23



Fig. 24

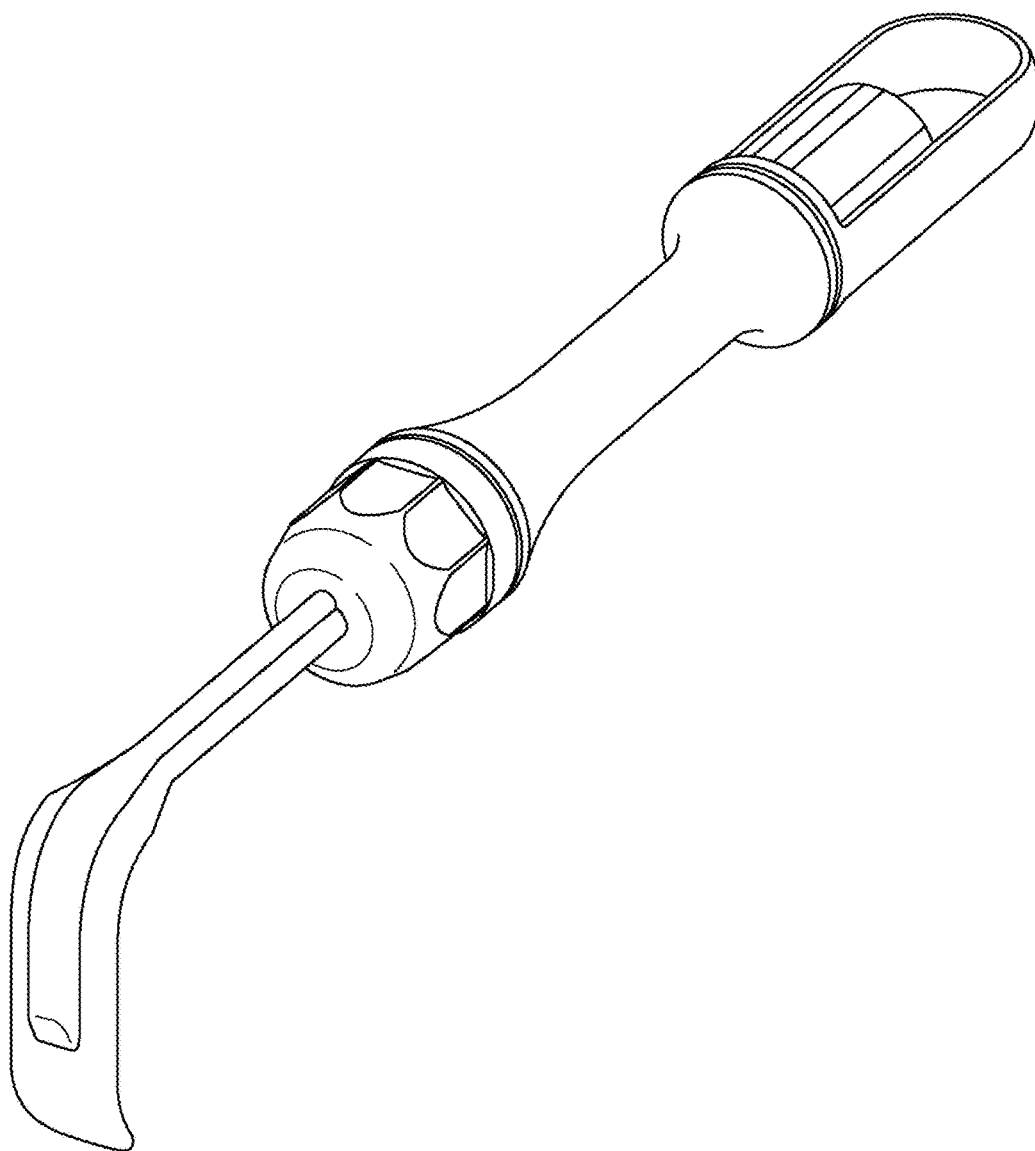


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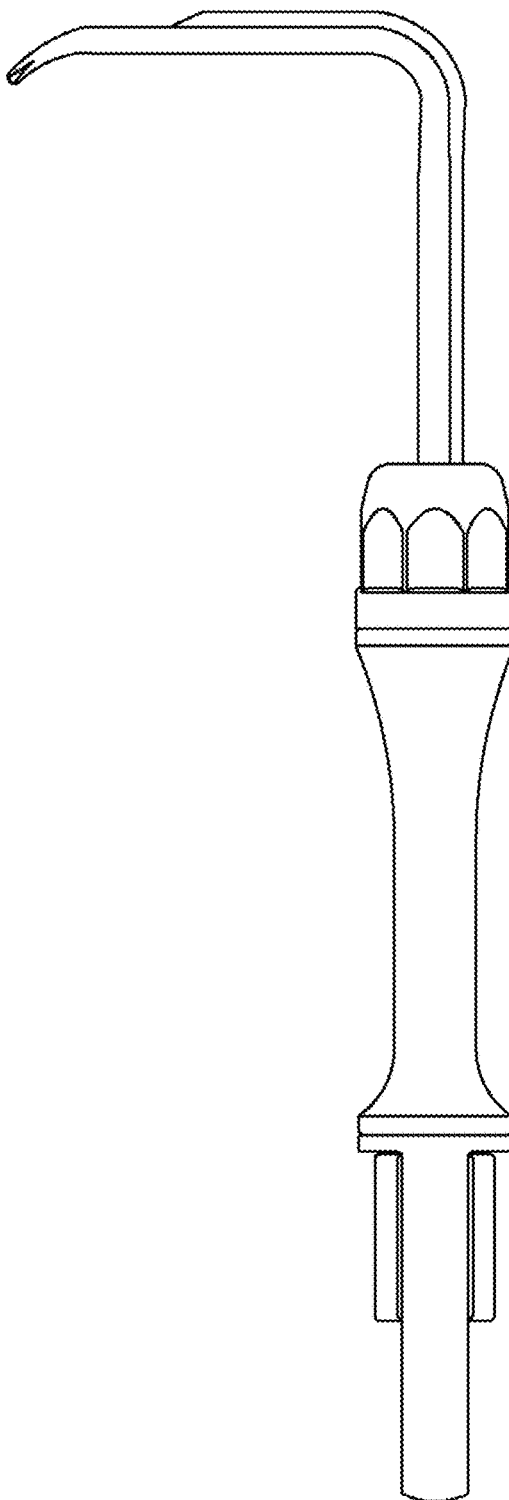


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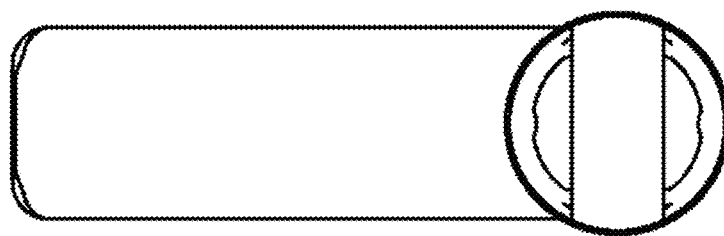


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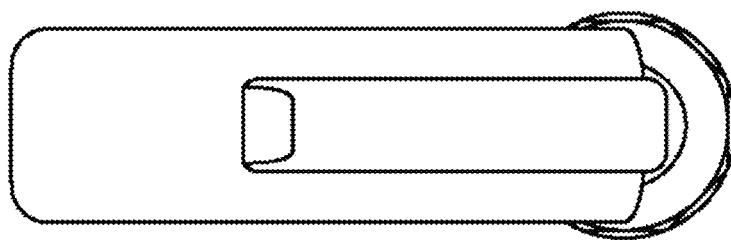


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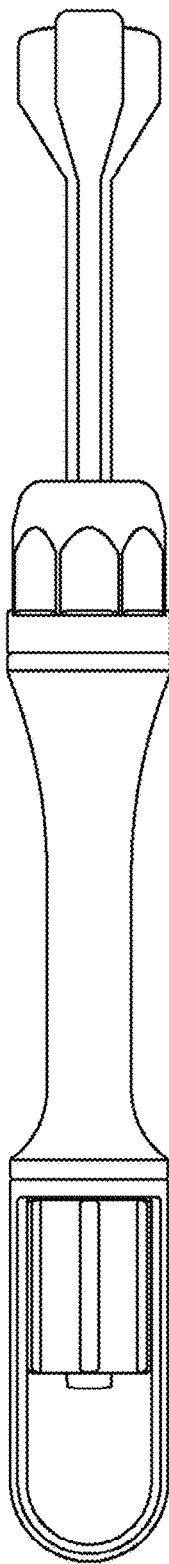


Fig. 29



Fig. 30

