

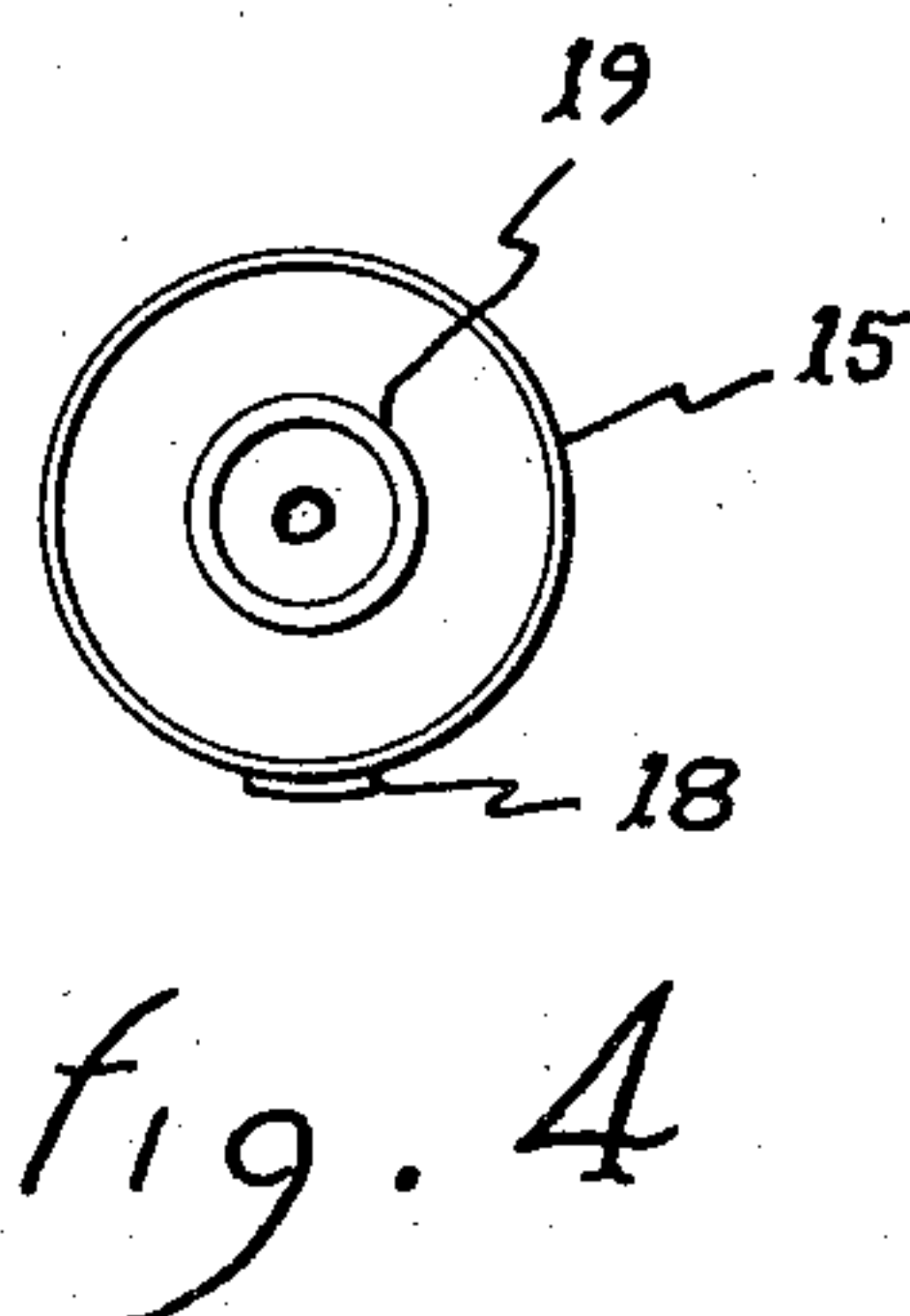
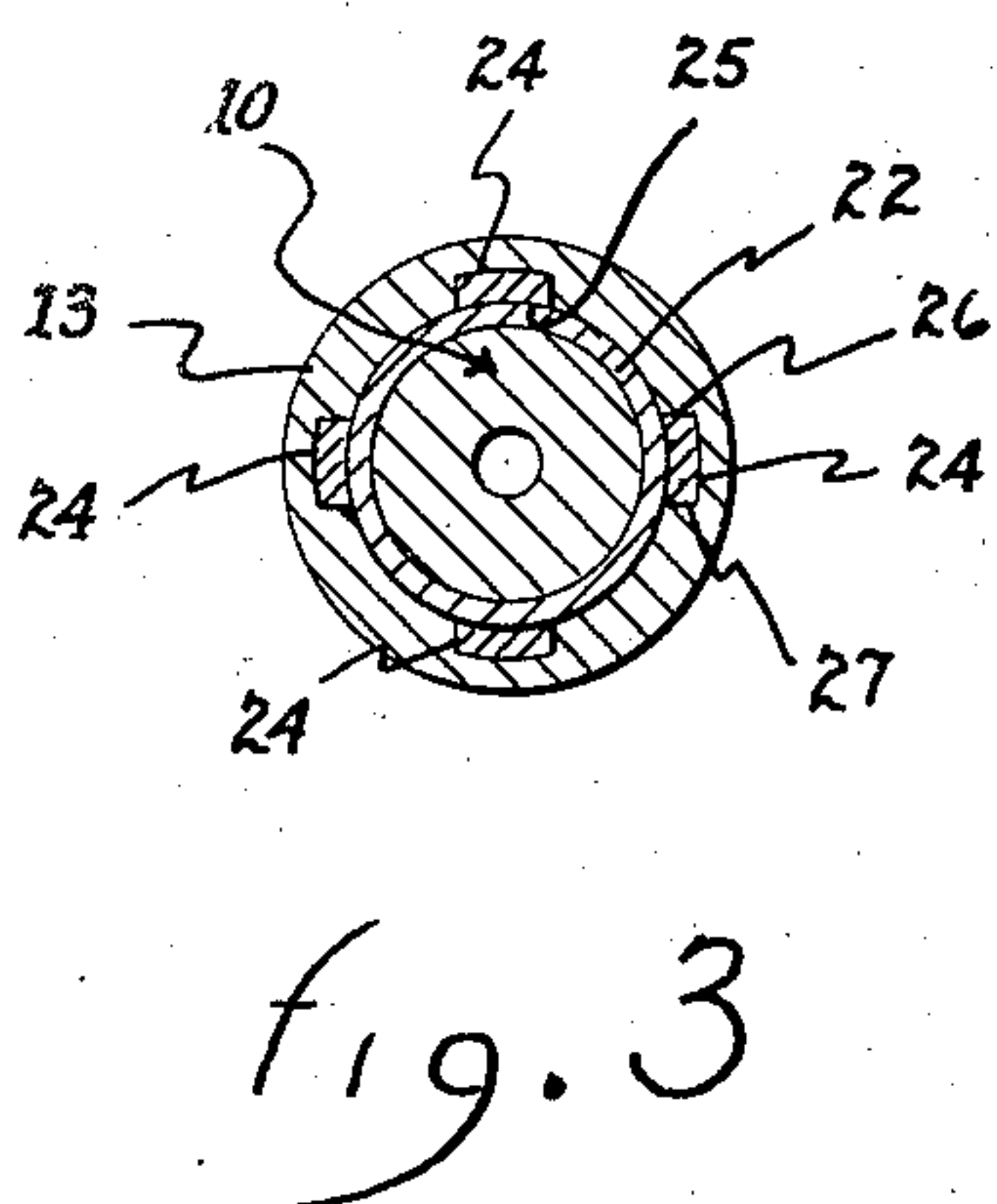
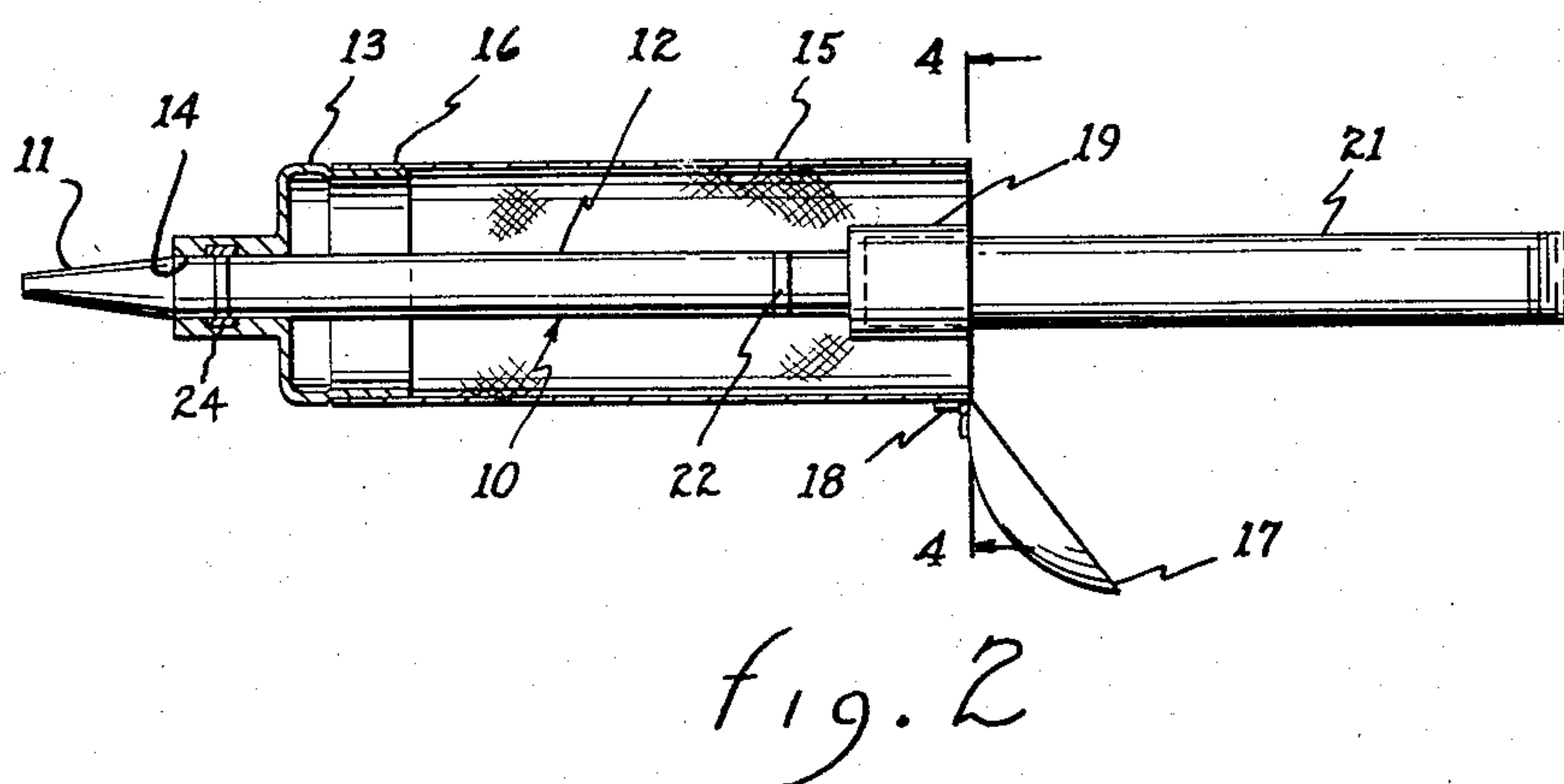
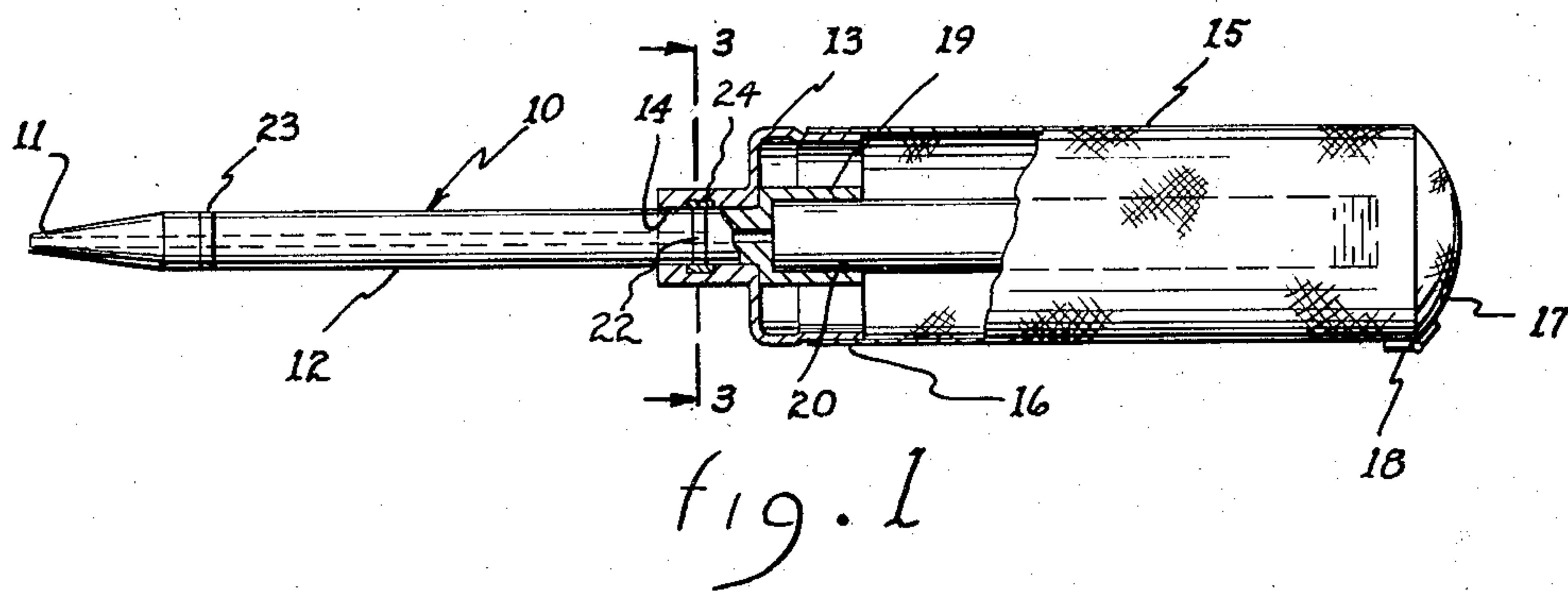
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2,850,020

CIGARETTE HOLDER

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2,850,020

CIGARETTE HOLDER

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2 Claims. (Cl. 131-175)

This invention pertains to improvements in cigarette holders and is particularly directed to a device of this character so constructed as to entirely enclose the cigarette to avoid the dropping of ashes upon the clothes of the smoker and the liability of fire from the sparks of the cigarette.

One of the objects of this invention is to provide an improved telescopic cigarette holder which may readily be taken apart for cleaning and which is telescopically operable for easy insertion and removal of a cigarette from the holding stem.

Another object of this invention is to provide a magnetic detent arrangement for holding the shield screen in smoking position and in retracted position as when inserting and removing the cigarette from the device.

Further features and advantages of this invention will appear from a detailed description of the drawings in which:

Fig. 1 is a view, partly in section, showing the cigarette holder arranged in smoking condition.

Fig. 2 is a view, partly in section, similar to Fig. 1 but showing the screen protective hood members slid back to a position for inserting and removing the cigarette.

Fig. 3 is a transverse section on the line 3-3 of Fig. 1.

Fig. 4 is a transverse section on the line 4-4 of Fig. 2.

As an example of one embodiment of this invention there is shown a cigarette holder comprising a mouthpiece member 10 having the lip engaging end 11 having a straight cylindrical surface 12. A sliding sleeve 13 has a bore 14 slidable on the cylindrical surface 12 of the mouthpiece member 10. A suitable protective grid or screen of fire-proof material 15 is secured at one end 16 to the sliding sleeve 13. A suitable spring snap cover 17 hinged at 18 is provided at the outer end of the cylindrical screen portion 15 to provide a closure therefor.

The mouthpiece member 10 is provided at its outer end with an enlarged socket portion 19 and bore 20 in which may be inserted a cigarette 21 when the sliding sleeve 13 and screen member 15, with the spring snap cover swung open, Fig. 2, is slid back to the position shown in that figure. In order to make the device sanitary it is so arranged that the members 13 and 15 may be slid clear of and the mouthpiece member 10 and separated therefrom for cleaning or replacement of parts as required. Because of this particular construction it is necessary to provide suitable detent means which will automatically and properly hold the parts in the positions of Figs. 1 and 2 while at the same time enabling easy disassembly and the presentation of smooth sanitary surfaces at all times for all of the elements involved. To this end there is provided a pair of steel

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rings 22 and 23 embedded in and coinciding at their outer peripheries with the surface 12 of the mouthpiece member 10. In the bore 14 of the sliding sleeve member 13 are embedded segmental magnets 24 preferably of arcuate shape having inner-concave surfaces 25 coinciding with the bore 14 and slidable along the surface 12 and over the periphery of the steel rings 22 and 23 embedded in the stem of the mouthpiece member 10. These magnetic pieces may have north and south pole ends 26 and 27 respectively so that a magnetic flux flows through the ring 22 or 23 from pole 26 and 27 of the magnets 24. Thus, as the member 13 is slid so that its magnets 24 pass over the periphery of the ring 22 the member 13 will be held securely, but yieldingly, by the mouthpiece member 10 as shown in Fig. 1. When insertion or removal of the cigarette in the device is to be done the member 13 is slid back to the position shown in Fig. 2 wherein the magnets 24 thereof pass over and engage the ring 23 to hold the screen member 15 in the position shown. Further, since all of the surfaces are smooth the device may be disassembled and cleaned thoroughly without catching any foreign matter in any grooves, latches or slots. Thus, a highly efficient easy to operate and sanitary cigarette holder is provided and which is spark and ash free with this protective screen arrangement 15 provided for the cigarette during smoking.

While the apparatus herein disclosed and described constitutes a preferred form of the invention, it is also to be understood that the apparatus is capable of mechanical alteration without departing from the spirit of the invention and that such mechanical arrangement and commercial adaptation as fall within the scope of the appendent claims are intended to be included herein.

Having thus fully set forth and described this invention what is claimed and desired to be obtained by United States Letters patent is:

1. In combination in a cigarette holder, a mouthpiece member having a lip engaging end and a straight cylindrical surface thereon, a slidable sleeve having a cylindrical bore slidable longitudinally of said mouthpiece member on said cylindrical surface thereof, a protective screen member fixed to said sleeve including a spring snap cover at its outer end, a socket formed on the outer end of said mouthpiece member located within said protective screen member adapted to receive and hold a cigarette, a steel ring fixed in the cylindrical surface of said mouthpiece member adjacent said socket, a steel ring fixed in the cylindrical surface of said mouthpiece member adjacent said lip engaging end thereof, and magnets fixed in said bore of said sliding sleeve adapted to magnetically engage said steel rings when said sleeve is slid to smoking position and loading and unloading position.

2. In a cigarette holder as set forth in claim 1 wherein said magnets in said bore of said sliding sleeve comprise a series of circumferentially spaced arcuate bar magnets having their arcuate concave surfaces in sliding contact with said straight cylindrical surface of said mouthpiece member and the outer periphery of said steel rings.

References Cited in the file of this patent

UNITED STATES PATENTS

1,187,090	Pierson	June 13, 1916
1,553,568	Stewart	Sept. 15, 1925

FOREIGN PATENTS

2,112	Great Britain	1899
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