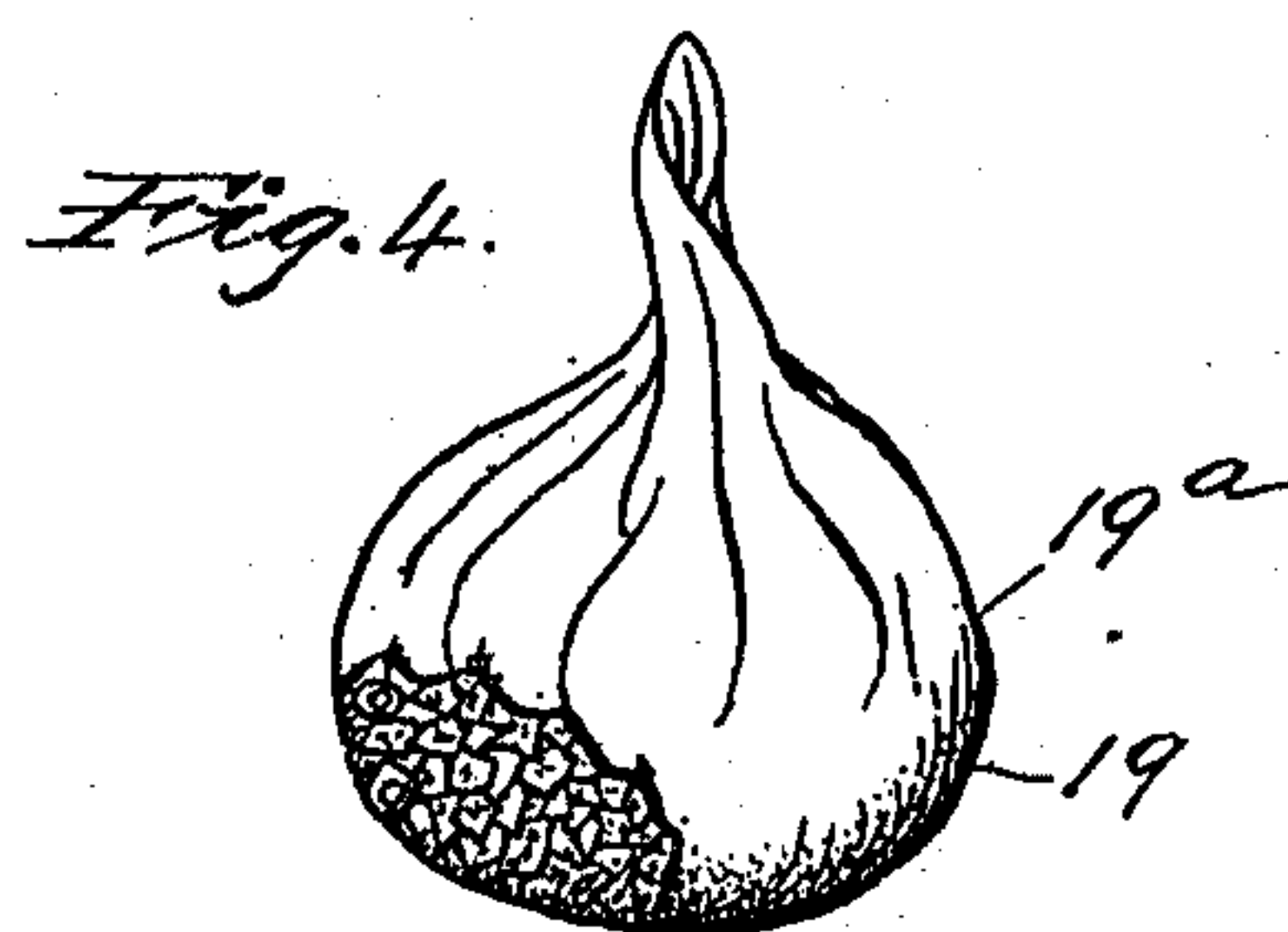
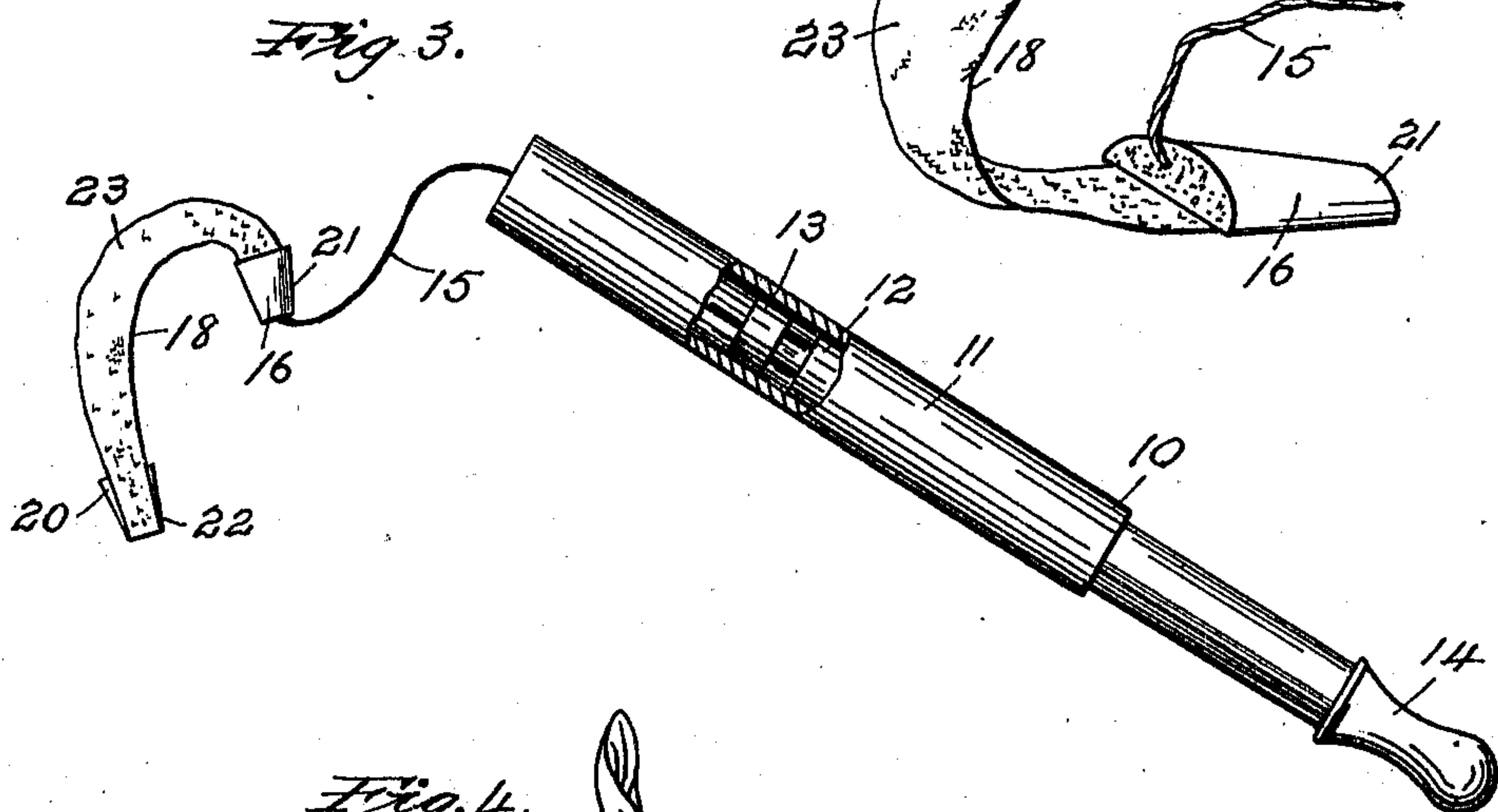
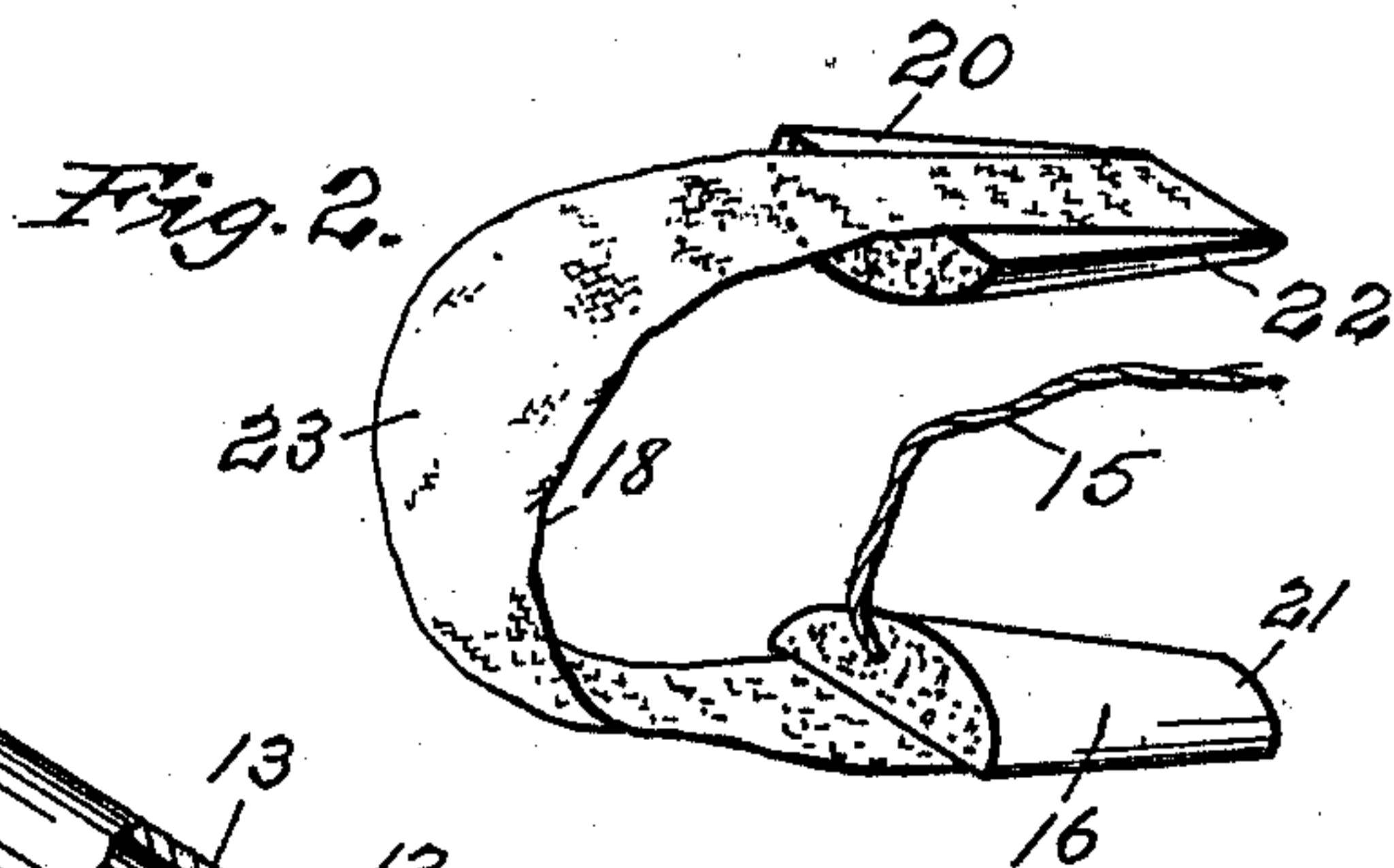
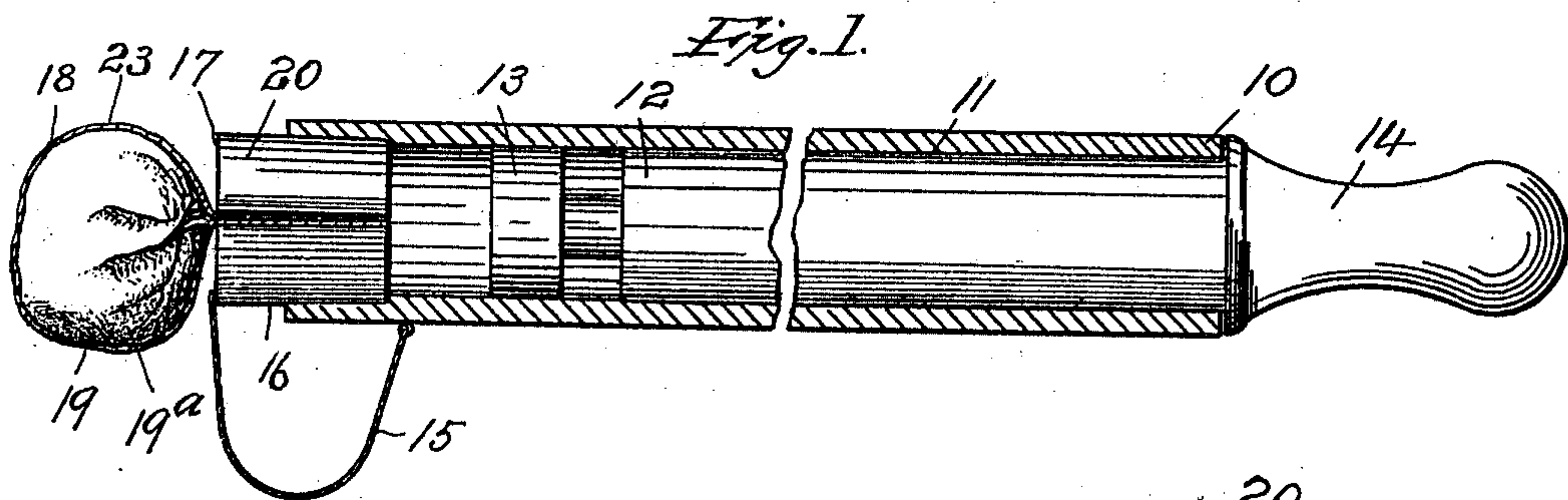


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TOY GUN.
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990,228.

Patented Apr. 25, 1911.



WITNESSES

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TOY GUN.

990,228.

Specification of Letters Patent.

Patented Apr. 25, 1911.

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To all whom it may concern:

Be it known that I, PETER W. COHRS, a citizen of the United States, and a resident of Hoboken, county of Hudson, and State of New Jersey, have invented certain new and useful Improvements in Toy Guns, of which the following is a full, clear, and exact specification.

This invention relates more particularly to a class of toys commonly known as pop-guns and which is adapted to propel through the air a fragile cartridge or ball fitted with small particles of paper usually termed confetti.

My invention has for its object primarily to provide for the adaptation of any ordinary form of toy pop-gun and employment in conjunction therewith of a retaining device for carrying a cartridge or ball having a shell made of tissue paper or like fragile material which is filled with a charge of small particles of preferably colored paper and is adapted to burst so as to scatter said particles of paper in the air or over an object or person after being released from the holding device when discharged from the barrel of the gun, thus affording a novel and harmless character of amusement and pleasure to the marksman of the toy gun.

A further object of the invention is to provide for maintaining the usual report or sound which follows the discharge of a pop-gun in conjunction with the propulsion of the shell or wad of confetti.

A practical embodiment of the invention is represented in the accompanying drawing forming a part of this specification in which similar characters of reference indicate corresponding parts in all the views, the said invention being more fully described hereinafter and then pointed out in the appended claims.

In the drawing, Figure 1 is a section through a pop-gun, partly in detail, with one form of my invention applied thereto. Fig. 2 is a perspective of the retaining device. Fig. 3 is a longitudinal side view of the gun, partly in section showing the retaining device after the gun has been discharged and the shell released therefrom, and Fig. 4 is a side view of the fragile shell part of which is broken away to show the small particles of paper therein.

The gun 10 has a barrel 11, a ram rod 12 upon one end of which is a head or piston 13 which is adapted to snugly fit the pas-

sage through the barrel and upon the opposite end of the ram rod 13 is provided a handle 14, all of which may be of the usual or any preferred form and made of any desired material.

To the piston 13 or at any suitable part of the barrel 11 is fastened one end of a line or cord 15 and to the opposite end of said line is held one member or part 16 of a plug 17 of a retaining device or element 18 adapted to carry the cartridge or shell 19 which is preferably made of tissue paper or other suitable fragile material, as 19^a and filled with small particles of paper or the like, commonly known as confetti. The plug 17 is preferably made of cork, rubber, or other material and the second member or part 20 thereof as well as the member or part 16 is semi-circular in shape and have tapering ends, as at 21 and 22. Upon the straight surface of the member or part 16 of the plug 17 is attached one end of a sling or flexible strip of cloth, leather or other suitable material, as 23, having the other end thereof fastened to the straight surface of the second member or part 20 of said plug.

In loading the gun 10 with a charge of confetti the cartridge or shell 19 is placed in the sling or flexible strip 23 and the members 16 and 20 of the plug 17 are arranged so that each straight surface thereof will contact and the plug thus formed with the cartridge 19 loosely held in the sling 23 is then inserted in one end of the barrel 11 of the gun 10. As is customary with the manner of discharging pop-guns in ordinary use, the ram rod 12 is partly withdrawn from the barrel and by forcing said ram rod again through the barrel of the gun the air in front of the piston 13 will be compressed and in turn the plug 17 will be shot from the end of the barrel 11 with the usual subsequent report and followed by a separation of the members or parts 16 and 20 of the plug 17 whereby the cartridge 19 will be simultaneously released from the sling 23 for propulsion and bursting of said cartridge to scatter the confetti therefrom in the air or over the object selected as a target.

In the foregoing description I have embodied the preferred form of my invention, but I do not wish to be understood as limiting myself thereto, as I am aware that modifications may be made therein without de-

parting from the principle or sacrificing any of the advantages of this invention, therefore I reserve to myself the right to make such changes as fairly fall within the scope thereof.

Having thus described my invention, I claim as new and desire to secure by Letters Patent:—

1. In a toy gun; the combination with a barrel and a ram rod having a piston movably held within the barrel; of a retaining device adapted to be held in one end of the barrel and discharged therefrom by the compressed air produced by the movement of the ram rod within the barrel; and a fragile shell held within the retaining device for propulsion through the air when the gun is discharged.

2. In a toy gun; the combination with a barrel and a ram rod having a piston movably held within the barrel; of a retaining device consisting of a flexible strip having a tapered member attached to each end thereof and adapted to be inserted in one end of the barrel for discharge therefrom by the compressed air produced by the movement of the ram rod within the barrel; and a fragile shell filled with small particles of paper loosely held within the flexible strip of the retaining device for propulsion through the air when the gun is discharged.

3. In a toy gun; the combination with a barrel and a ram rod having a piston movably held within the barrel; of two semi-circular members adapted to be arranged so that the straight surfaces thereof will contact to form a plug for insertion in one end of the barrel to be discharged therefrom by the compressed air produced by the movement of the ram rod within the barrel; a sling having each end thereof attached to each of the members; and flexible means adapted to hold one of said members to the gun.

4. In a toy gun; the combination with a barrel and a ram rod having a piston movably held within the barrel; of two semi-circular members adapted to be arranged so that the straight surfaces thereof will contact to form a plug for insertion in one end of the barrel to be discharged therefrom by the compressed air produced by the movement of the ram rod within the barrel; a flexible strip having each end thereof attached to each of the members; means adapted to hold one of said members to the

gun; and a fragile cartridge filled with small particles of paper loosely held within said flexible strip for propulsion through the air when the gun is discharged.

5. In a toy gun; the combination with a barrel and a ram rod having a piston movably held within the barrel; of a semi-circular tapered plug divided into two parts and adapted to be inserted in one end of the barrel to be discharged therefrom by the compressed air produced by the movement of the ram rod within the barrel; a sling connected to the two parts of the plug and a shell of fragile material filled with small particles of paper loosely held in said sling for propulsion through the air when the gun is discharged.

6. In a toy gun; the combination with a barrel and a ram rod having a piston movably held within the barrel; of a retaining device consisting of a sling and a plug attached to the sling, said plug being adapted to be inserted in one end of the barrel for discharge therefrom by the compressed air produced by the movement of the ram rod within the barrel; and flexible means adapted to hold the plug to the gun.

7. In a toy gun; a retaining device consisting of two semi-circular tapered parts adapted to form a plug when the straight surfaces thereof are in contacting arrangement; a strip of flexible material having each of its ends attached to the straight surface of each of the semi-circular tapered parts of the plug; and a line connected to one of said parts of the plug and having its other end connected to the gun.

8. In a toy gun; a retaining device consisting of two semi-circular tapered parts adapted to form a plug when the straight surfaces thereof are in contacting arrangement; a strip of flexible material having each of its ends attached to the straight surface of each of the semi-circular tapered parts of the plug; a line connected to one of said parts of the plug and having its other end connected to the gun; and a shell of fragile material containing small particles of paper and adapted to be loosely held in the strip of flexible material.

This specification signed and witnessed this tenth day of October A. D. 1910.

PETER W. COHRS.

Witnesses:

ROBT. B. ABBOTT,
S. SAHNER.