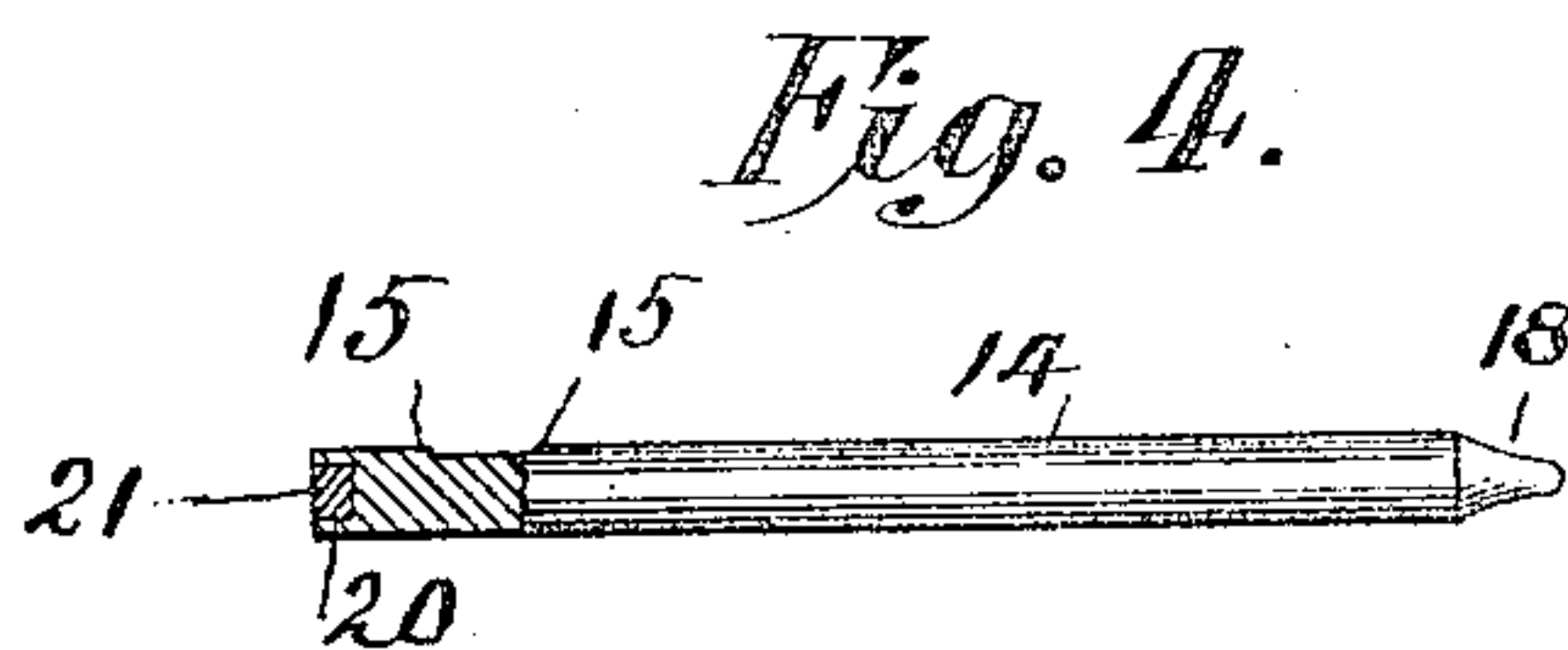
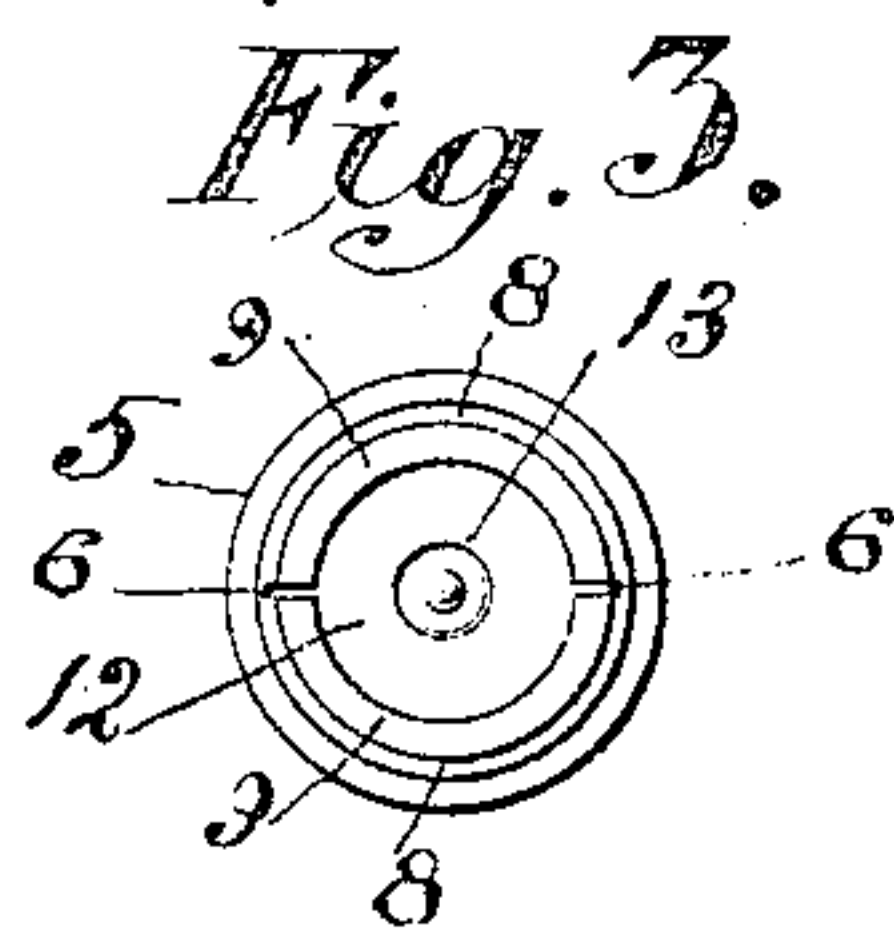
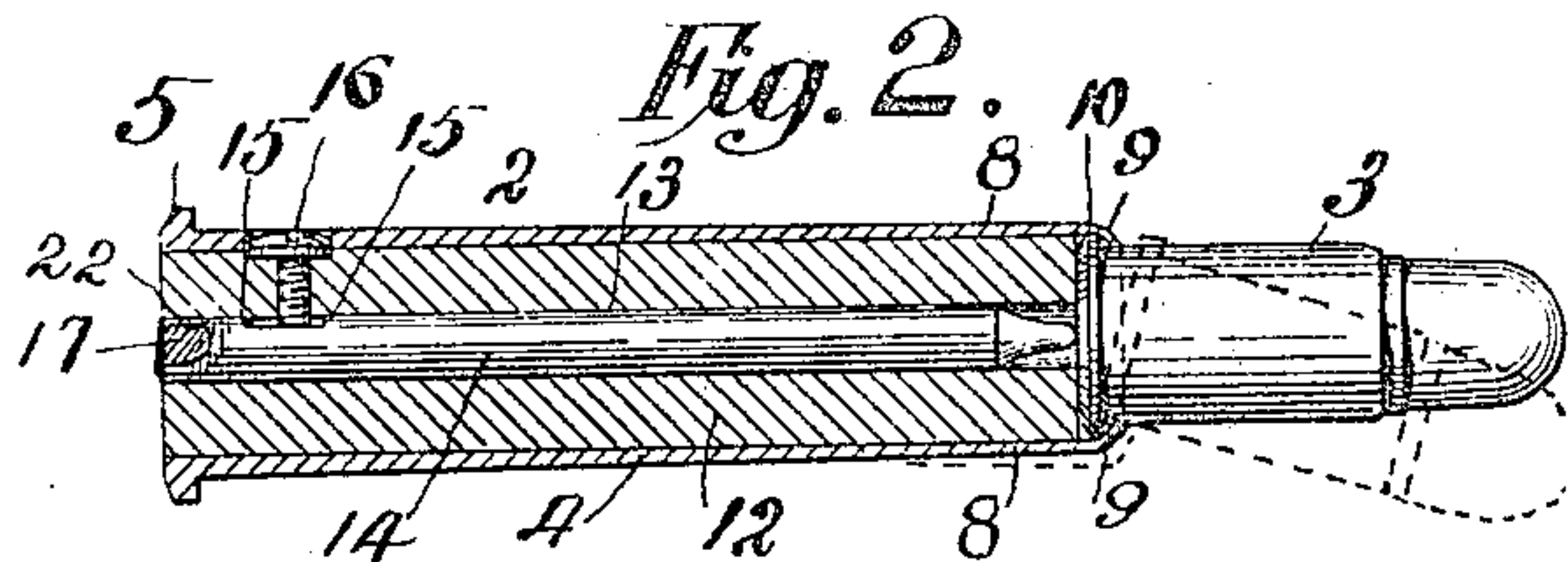
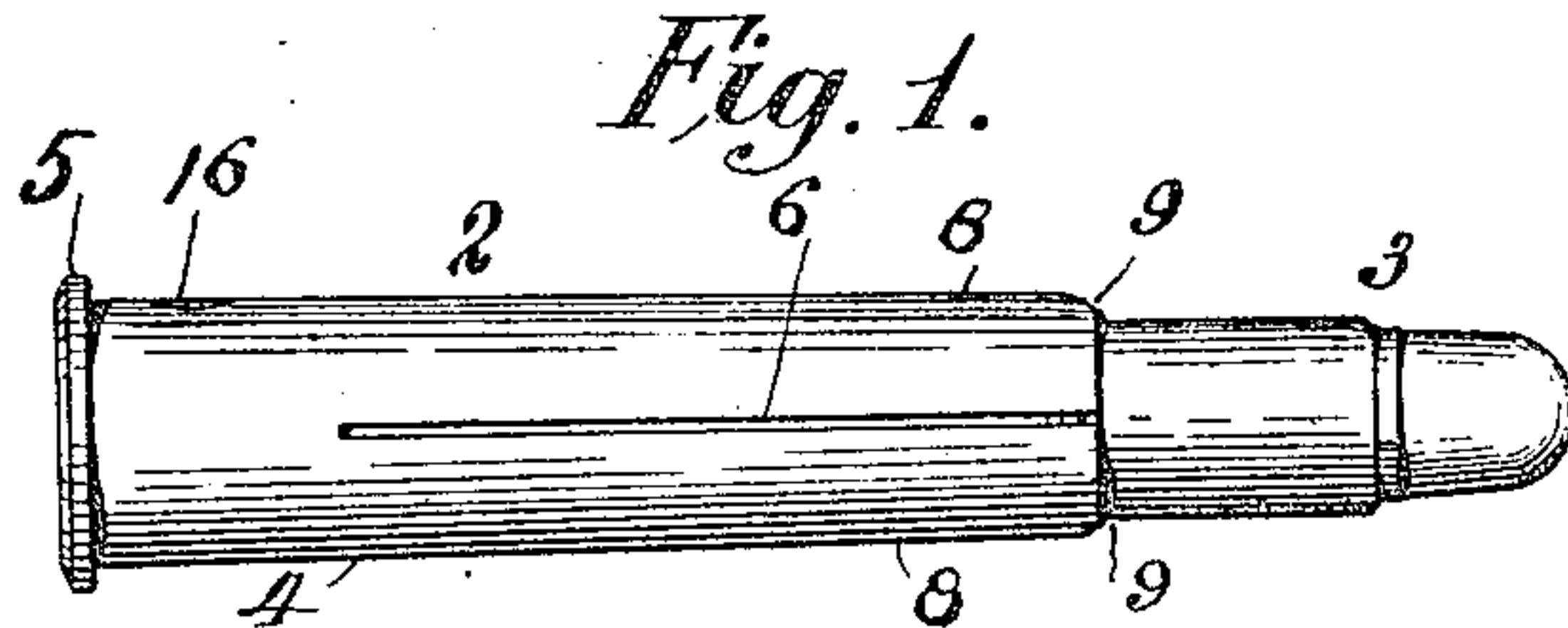


No. 803,983.

PATENTED NOV. 7, 1905.

J. T. BRAYTON.
AUXILIARY CARTRIDGE HOLDER.
APPLICATION FILED APR. 15, 1905.



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UNITED STATES PATENT OFFICE.

JAMES T. BRAYTON, OF CHICAGO, ILLINOIS.

AUXILIARY CARTRIDGE-HOLDER.

No. 803,983.

Specification of Letters Patent.

Patented Nov. 7, 1905.

Application filed April 15, 1905. Serial No. 255,719.

To all whom it may concern:

Be it known that I, JAMES T. BRAYTON, a citizen of the United States, and a resident of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Auxiliary Cartridge-Holders, of which the following is a specification.

My invention relates to auxiliary cartridge-holders designed for firing small or light-charge cartridges in an arm constructed to receive heavy ammunition; and the invention consists in the construction, arrangement, and combination of parts, all as hereinafter described and claimed.

In the accompanying drawings, Figure 1 is a side elevation of my invention. Fig. 2 is a longitudinal sectional elevation of the same, a portion of the firing-pin being broken away and showing in dotted line the method of inserting the light-charge cartridge. Fig. 3 is an end elevation of the auxiliary cartridge-holder; and Fig. 4 is a side elevation, partly in section, of the firing-pin.

In the drawings, 2 designates the cartridge-holder, and 3 the light-charge cartridge. The cartridge-holder is composed of the outer shell 4, having the flange 5, with which the extractor of the arm engages for extracting it and the light-charge shell from the breech of the barrel. The shell 4 is slotted, as shown at 6 6, to form spring-clamps 8, the end edges of which are turned inward to form the claws 9, which embrace the body of the light-charge cartridge-shell in front of its flange 10. In the cartridge-holder is held the recoil or breech block 12, which has a passage 13 formed longitudinally through it, in which is held the firing-pin 14, the latter moving freely in the passage and held from moving beyond bounds by the shoulders 15 and the screw 16, the screw serving also to secure the breech-block in the shell. The rear end of the firing-pin is constructed so as to not batter, upset, or otherwise injure the firing-pin of the gun, and for this purpose its rear end is formed of soft material 17, while the point 18 is of hardened steel. In the form shown in Fig. 4 the end of the firing-pin is bored out or chambered, as shown at 20, and the chamber filled with a plug 21 of comparatively soft material, which in firing is struck by the hammer or by the usual firing-pin of the arm. In the form shown in Fig. 2 the firing-pin is made of soft steel and then hardened on its outer surface, forming an outer surface or

shell 22 of hard steel and a core 17 of soft steel, so that while the center of the butt of the pin is comparatively soft it is confined by the outer shell of hardened steel, thus preventing the pin from being enlarged by use and at the same time furnishing a soft portion which will not injure the hammer or the usual firing-pin contained in the breech-block of the arm. The claws 9 are sloped from the edges which embrace the body of the light-charge shell backward and outward to the front end of the recoil or breech block 12, so that when a cartridge is inserted their spring action upon the flange or rim of the light-charge shell acts to draw the head of the latter back flat against the breech-block, thus automatically bringing the light-charge cartridge properly in front of the point of the firing-pin.

In the act of coupling the light-charge cartridge with the cartridge-holder the flange of the light-charge cartridge is placed laterally over and within one of the clamps 9, as shown in dotted lines in Fig. 2, and then by pressing downward and at the same time drawing upward on the bullet end of the shell the head of the cartridge is sprung into place, where it is firmly and properly held for insertion into the breech of the gun with the cartridge-holder. The empty shell is detached from the holder by simply pressing laterally upon it with the thumb.

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

1. An auxiliary cartridge-holder comprising a main outer shell having a flange at its rear end and two or more separate longitudinal slots forming opposite and independent spring-clamps the ends of which are formed with clasps to embrace the light-charge cartridge-shell in front of its flange, a recoil or breech block held in said main shell and a longitudinally-movable firing-pin held in said recoil or breech block, substantially as described.

2. A firing-pin formed with a hardened-steel point the opposite end thereof having a core of comparatively soft material surrounded by a casing of harder material, substantially as described.

JAMES T. BRAYTON.

Witnesses:

CARL PALMBLAD,
W. E. DOW.