

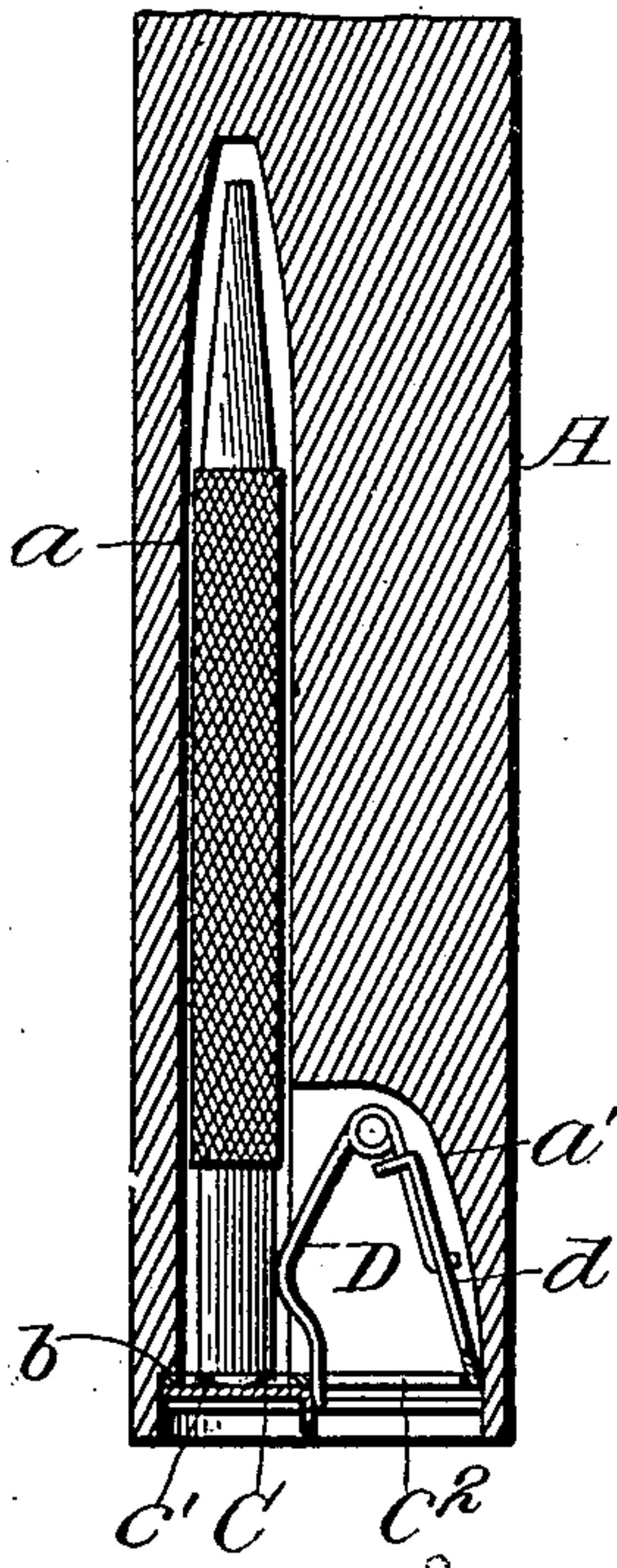
No. 722,899.

PATENTED MAR. 17, 1903.

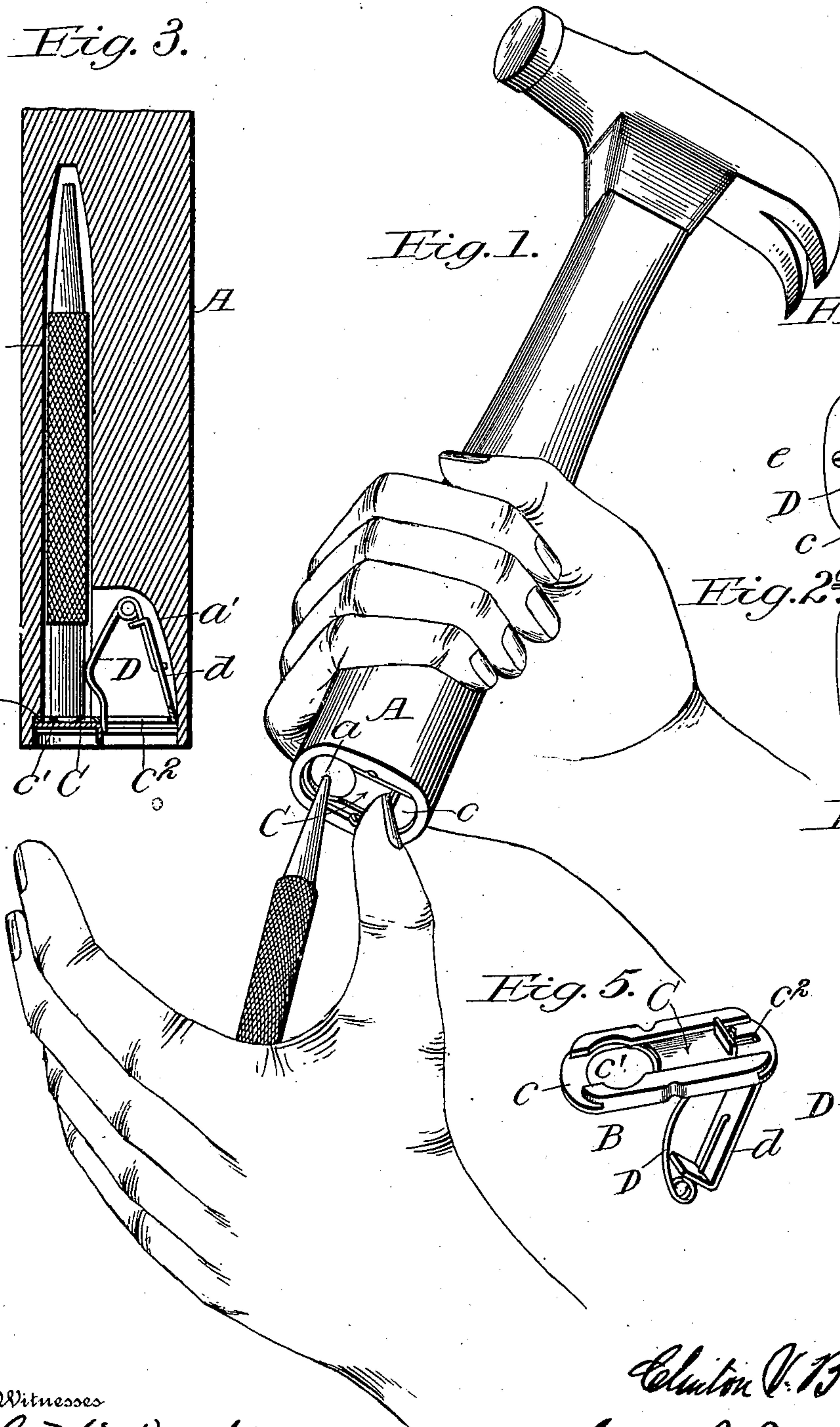
C. V. B. REEDER.  
HANDLE FOR TOOLS.  
APPLICATION FILED JAN. 3, 1903.

NO MODEL.

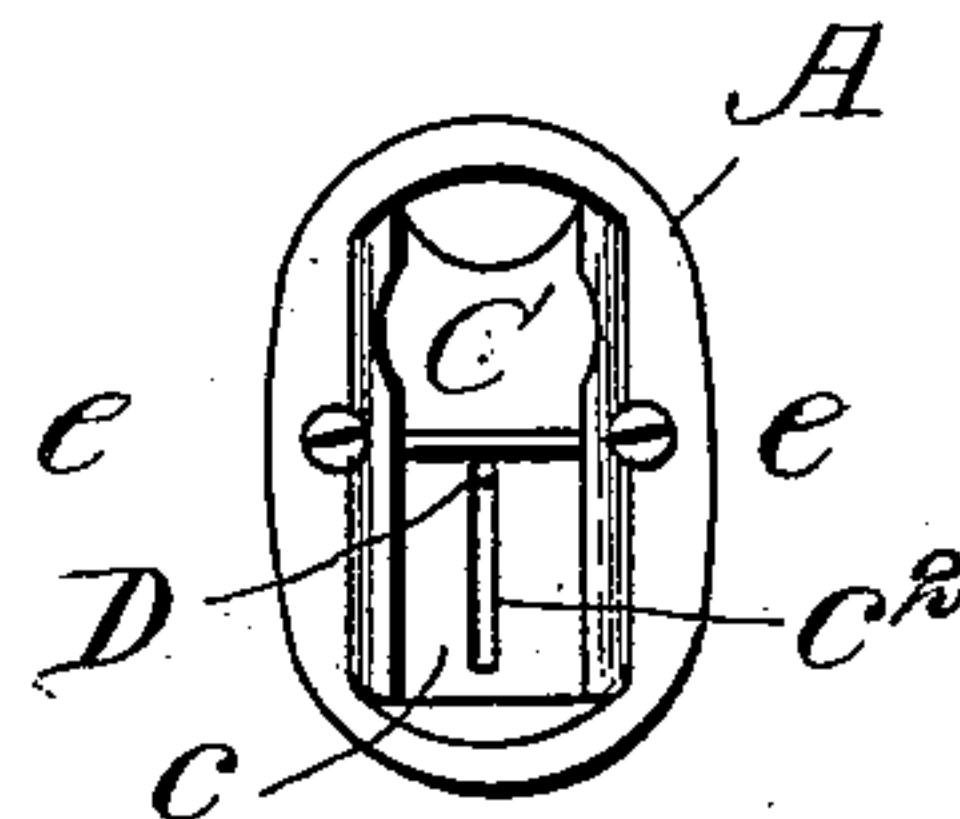
*Fig. 3.*



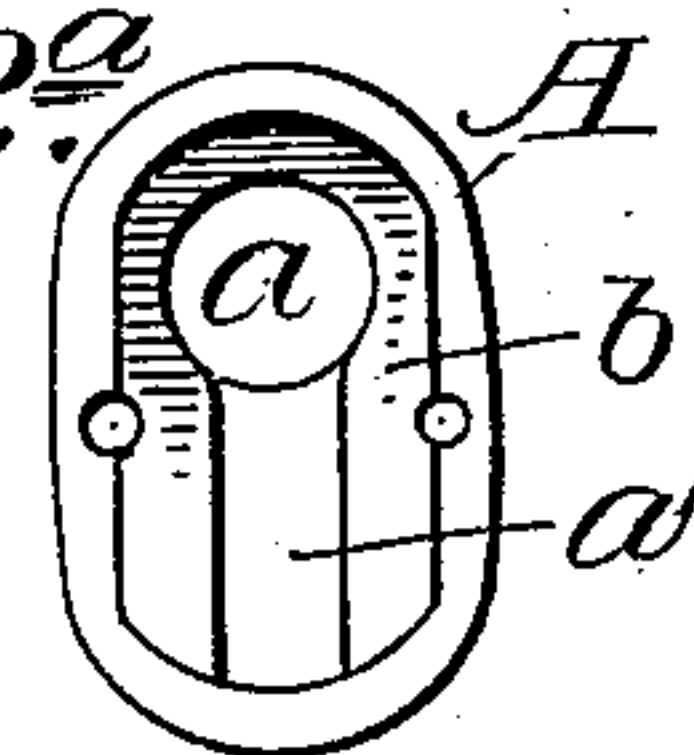
*Fig. 1.*



*Fig. 2.*

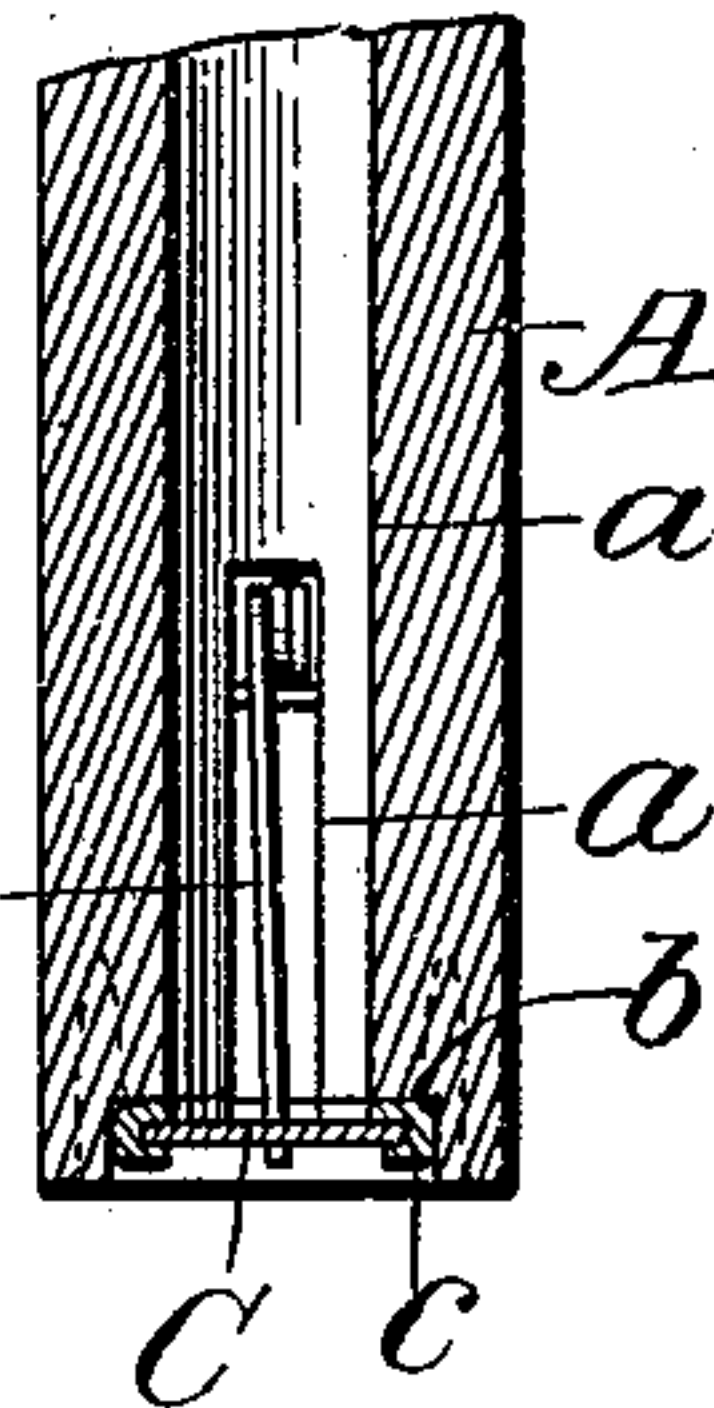
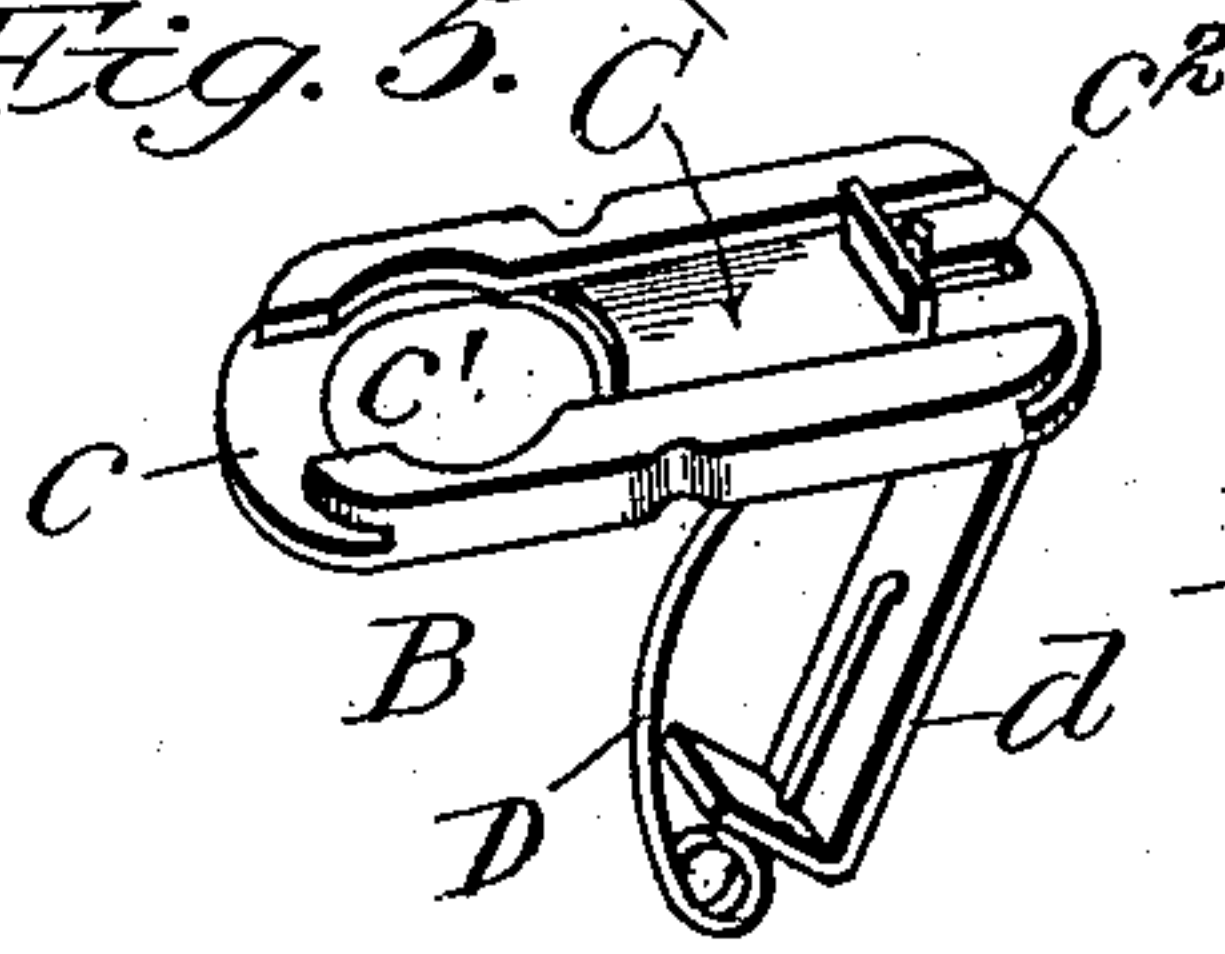


*Fig. 2a.*



*Fig. 4.*

*Fig. 5. C.*



Witnesses  
C. H. Walker  
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# UNITED STATES PATENT OFFICE.

CLINTON V. B. REEDER, OF SAN JOSE, CALIFORNIA.

## HANDLE FOR TOOLS.

SPECIFICATION forming part of Letters Patent No. 722,899, dated March 17, 1903.

Application filed January 3, 1903. Serial No. 137,695. (No model.)

*To all whom it may concern:*

Be it known that I, CLINTON V. B. REEDER, a citizen of the United States, residing at San Jose, in the county of Santa Clara and State of California, have invented new and useful Improvements in Handles for Tools of the Hammer Type, of which the following is a specification.

This invention relates to certain new and useful improvements in attachments for the handles of tools of the hammer type, the object being to provide the handle at the butt-end thereof with a tool-holding chamber and a closure therefor, which is so constructed that the slide of the closure may be moved out of line with the tool-receiving chamber to permit egress of a tool or nail-set which is housed therein.

A further object of my invention is to provide the handle of a hammer with a tool-receiving chamber constructed to receive a nail-set, the butt-end of the handle being provided with a spring-actuated slide to close the chamber, the slide and frame which carries the same being so constructed and positioned as to be readily operated against the action of the spring to open the chamber and permit the nail-set to fall into the palm of the hand which operates the slide, the construction and arrangement of the parts being such that the spring by engagement with the nail-set will hold the same against movement in its chamber when the slide is in line with the tool-receiving chamber.

In carrying my invention into effect the parts are located so as not to interfere with the use of the tool, and the construction is such that the attachment is not liable to be injured by such use as a hammer is usually put.

The invention consists in the combination with a hammer or similar tool, the handle thereof being provided with a chamber constructed to receive a punch or nail-set and a recess to one side thereof and in communication with the tool-receiving chamber, over which chamber and recess there is secured a closure-frame having a spring-actuated slide, the spring being carried by the frame and is of such construction that it may engage the tool in the chamber when the slide is positioned opposite the opening through the clo-

sure-frame, which is on a line with the tool-receiving chamber, such construction providing a spring which will prevent movement of the nail-set in the hammer when the slide is closed to positively retain the same therein.

The invention further consists in the construction and combination of the parts, as will be hereinafter set forth, and specifically pointed out in the claims.

In the accompanying drawings, which illustrate one embodiment of my invention, Figure 1 is a perspective view showing one way of operating the slide of the closure-frame to permit egress of a nail-set from the tool-receiving chamber of the handle. Fig. 2 is an end elevation of the tool-handle, showing the closure-frame attached thereto. Fig. 2<sup>a</sup> is an end elevation of the handle with the closure-frame removed. Figs. 3 and 4 are longitudinal sections taken through a portion of the handle, and Fig. 5 is a perspective view of the closure-frame detached.

The hammer-head is connected to the handle in the usual manner, and said handle A at its butt-end is provided with a chamber *a* of a size to receive a nail-set or punch, such chamber being located to one side of the longitudinal center of the handle. To one side of the tool-receiving chamber *a* and in communication therewith there is a recess *a'*, which is adapted to receive a spring carried by the closure-frame for said chamber and recess. The chamber *a* and recess *a'* commence at a point slightly distant from the butt-end of the handle, and about the same there is a continuous shoulder *b*, which provides a seat or bearing for the closure-frame, which is positioned well within the butt-end of the handle, so that it will be protected.

The closure-frame B is preferably made up from a single piece of sheet metal and in one practical embodiment of my invention comprises a base-plate *c*, the sides of which are bent upwardly and inwardly to provide longitudinal side recesses, which receive and guide a slide C, said slide having at one end a transverse projecting portion, the other end of the slide being concave, such construction providing a projecting portion for operating the slide against movement imparted thereto by the spring and also providing a space in which the end of the nail-set may be



inserted when it is desired to move the slide in order to place the nail-set in its chamber. The base-plate *c* has a circular opening *c'* of the same diameter as the diameter of the chamber *a*, and the guides for the slide may be cut away above said opening. The base-plate *c* is provided with a slot *c<sup>2</sup>*, through which passes the end of a spring *D*, which end engages with the slide *C* and normally moves the same over the opening *c'* through the base-plate and opposite the chamber *a*.

The closure-frame may have formed integral therewith a member or part *d*, which projects at an acute angle from the base-plate, said part being further bent at its end and provided with openings, through which are passed the ends of the spring *D*. The spring *D* is so constructed that when the slide *C* is projected over the opening *c'* a part of the spring which is located within the recess *a'* will extend sufficiently into the chamber *a* to engage a tool placed therein, and such contact of the spring with the tool or nail-set will effectively prevent such tool rattling or moving in the chamber. The weight of the tool compensates for the material removed from the handle, and the position of the chamber and recess in no way weakens the handle at such points where strength is required.

In placing the closure-frame in a handle constructed as shown the spring-carrying member is passed into the recess *a'* and the base-plate rests upon the shoulder *b* and is secured to the handle by screws or nails *e*, which engage recesses in the sides of the frame.

The construction herein shown provides a cheap and effective means for carrying a nail-set in the handle of a hammer, and in use when the handle is grasped by the right hand the nail on the thumb of the left-hand may actuate the slide against the movement of its spring, so that the nail-set will fall into the palm of the left hand, so as to be grasped thereby for use.

I do not wish to limit myself to the specific construction of the closure-frame, as the same may be varied without departing from my invention.

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

1. In combination with a handle for a tool of the hammer type such handle having at one side of its longitudinal center a chamber and a recess which connects with the chamber, of a closure for the opening and recess the closure including a slide and a spring located partially within the recess to engage the slide and intersect the opening, for the purpose set forth.

2. In combination with a handle of a tool of the hammer type the same having a tool-receiving chamber and at one side of the same a recess, of reciprocating means for closing the tool-receiving opening and a spring located in the recess to engage closing means and intersect the tool-receiving opening when the closing means is in line with the tool-receiving opening.

3. A hammer-handle having a tool-receiving chamber and a recess in communication therewith, in combination with a closure-carrying frame which is secured to the handle over the chamber and recess, an opening through the frame which registers with the chamber and a slot in line with the recess, a slide carried by the closure-frame and a spring attached thereto to move the slide in one direction such spring also engaging a tool when placed in the chamber, for the purpose set forth.

In testimony that I claim the above I have hereunto set my hand in the presence of two subscribing witnesses.

CLINTON V. B. REEDER.

Witnesses:

W. S. SULLIVAN,  
O. J. TROSTMAN.