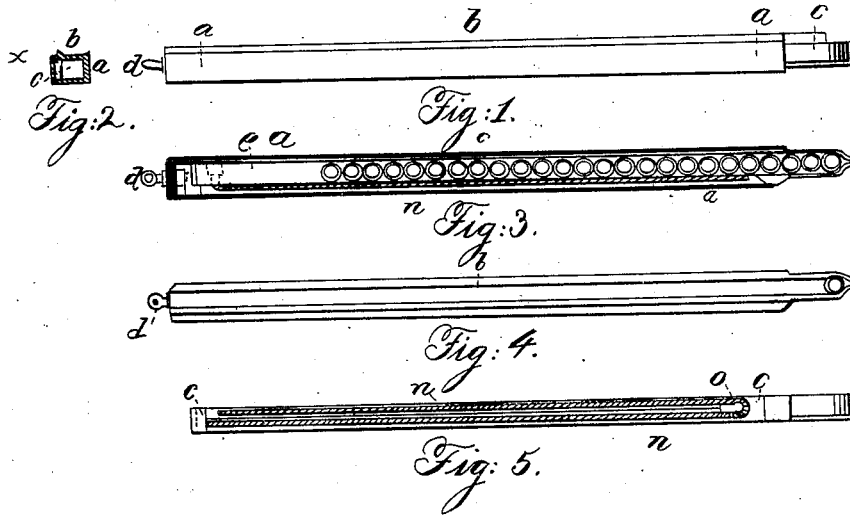


E D SEELY.

Cap-Box.

No. { 2,622, }  
      { 33,626. }

Patented Oct. 29, 1861



Witnesses *M. Brady*  
*J. C. Folsom*

*Edgar D Seely*

# UNITED STATES PATENT OFFICE.

EDGAR D. SEELY, OF BROOKLINE, ASSIGNOR TO HIMSELF, GEO. A. PHILLIPS,  
OF DORCHESTER, AND THOS. F. WELLS, OF ROXBURY, MASS.

## IMPROVEMENT IN GUN-CAPPING IMPLEMENTS.

Specification forming part of Letters Patent No. 32,626, dated October 19, 1861.

*To all whom it may concern:*

Be it known that I, EDGAR D. SEELY, of Brookline, in the county of Norfolk and State of Massachusetts, have invented certain new and useful Improvements in Gun-Cappers; and I do hereby declare that the following, taken in connection with the drawings which accompany and form part of this specification, is a description of my said invention so full and exact as to enable those skilled in the art to practice it.

Figure 1 is a side view of the instrument embodying my invention. Fig. 2 is a cross-section of the same. Fig. 3 is a horizontal sectional view, the section being taken in the line *xx*, Figs. 1 and 2. Fig. 4 is a plan of the whole instrument, and Fig. 5 a side view of the cap-receiver removed from the outer casing.

My invention relates to improvements in an instrument called a "gun-capper," the design of which instrument is to facilitate the operation of capping a gun by having the caps arranged so as to be successively presented in a proper manner and conveniently for applying them to the gun-nipple, thereby avoiding the loss of time and other inconveniences attendant upon carrying the caps in a pouch or in a pocket, caused by having to search for and handle each cap separately. A "capper" has been made in the form of a disk with a circular channel therein for the reception of caps, which by the action of a scroll-spring were forced successively to a delivery-mouth piece. This instrument has certain defects which it is the intent of my invention to obviate. Its shape is such that it can only be used with guns where the cone or nipple is very prominent, which is not the case with many of the guns and pistols now in use, and the form of the instrument made it requisite to search for the delivery-mouth, and to make use of the eyesight in applying the cap. In my invention the form of the instrument is such that when it is suspended, as intended, the delivery will always be at the extreme lowest point. The form given is such that it is taken in the hand, in the manner of a common pencil; and it can be used to place caps even in places where it is a difficult operation for fingers, and by the guide which forms part of my invention the

employment of the eyesight in using the gun-capper may be entirely superseded by the sense of feeling, so that a gun may be capped as well in the night as in the day, or when the sight is necessarily kept upon the object against which the gun is to be used. The case *a* is of metal, and is quite long as compared with its cross-section, which is quadrangular. The cap-receptacle *c* is formed of metal, and is a three-sided trough, which may be slipped into and retained in the tube, like formation of the case, which has one end filled with a piece through which the eyebolt-screw *d* passes into the end piece of the cap-receiver *c*. At the other end the cap-receiver projects beyond the end of the case, and its sides are formed into spring-nippers to retain and to deliver each cap. These nippers are formed by shaping the sides of *c* as shown in the drawings, and by separating them from the bottom, back from the end, about three-fourths of an inch. The side *b* of the case extends beyond its other three sides and terminates in a reverse curve, leaving only room enough between it and the projecting end of the cap-receiver to permit the nipple of the gun to enter the cap held in the nipper end of *c*. A follower, *e*, is fitted so as to slide freely in *c*, and is made long enough, as shown, to prevent any binding in its movement. In the end of *c* nearest the eyebolt-screw *d* a spring, *n*, of rubber or elastic cord, is fixed, and from thence passes over a stop or pulley, *o*, connected to *c*, near its nipper end, and from thence it passes along the length of *c* to the other end, to which it is secured. The case *a* is made enough larger inside than the outside of *c* to accommodate the spring *n*. In this arrangement of the spring it will be seen that its length before it is extended is nearly that of the case, so that when *c* is filled with caps the spring is extended rather less than its normal length. That a spring operating by contraction should be as long as possible is well known, and it will be seen that in the manner of employing the spring *n* to operate the follower I have secured length and consequent durability in a very compact form. Flanges, as shown, are secured to *b*, making thereon a kind of shallow trough, which serves the double purpose of indicating to the fingers the de-

livery side of the instrument and to guide it on the nipple, so that it shall be sure to slip into the cap held in the nippers. The cap-receptacle can be taken out, after unscrewing *d*, and filled with caps, with their heads upon the base-plate of *c*, to do which requires that the follower *e* should be placed as shown in the drawings. It can then be pushed back into its place in the case and held there by *d*, which may also serve as a convenient means for suspending the instrument. The base-plate of *c* should be made stout at the nipper end, as it is that which receives the strain necessary to force the cap home upon the nipple. The nipper-springs should be sufficient to resist the tendency of the spring *n* to open them by forcing the caps through, which should be accomplished only by the pull upon the capper by the gunner when the nipple is in one of the caps. The cap presented for immediate use in the nippers is prevented from falling therefrom by the spring-hold which they have of the cap, and by the plate *b* projecting a little over the mouth of the cap, which is not objectionable, inasmuch as gun-nipples taper a little. Means

for regulating the relative positions of the concave end of *b* and the nippers are found in placing a stop-screw in the other end of *c*.

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

1. Constructing a gun-capper substantially in the form described, whereby it is made more convenient in use and more universally applicable than the disk shape used heretofore.

2. Constructing the cap-receiver separate and removable from the outer casing, and with its projecting end formed into spring-nippers, substantially as and for the purpose specified.

3. The arrangement of the spring *n*, operating substantially as shown and described, when combined with the follower and cap-receiver, so as to be removable with them from the case.

4. The guide to the delivery end of the instrument.

E. D. SEELY.

Witnesses:

J. B. CROSBY,  
J. R. FOLSOM.