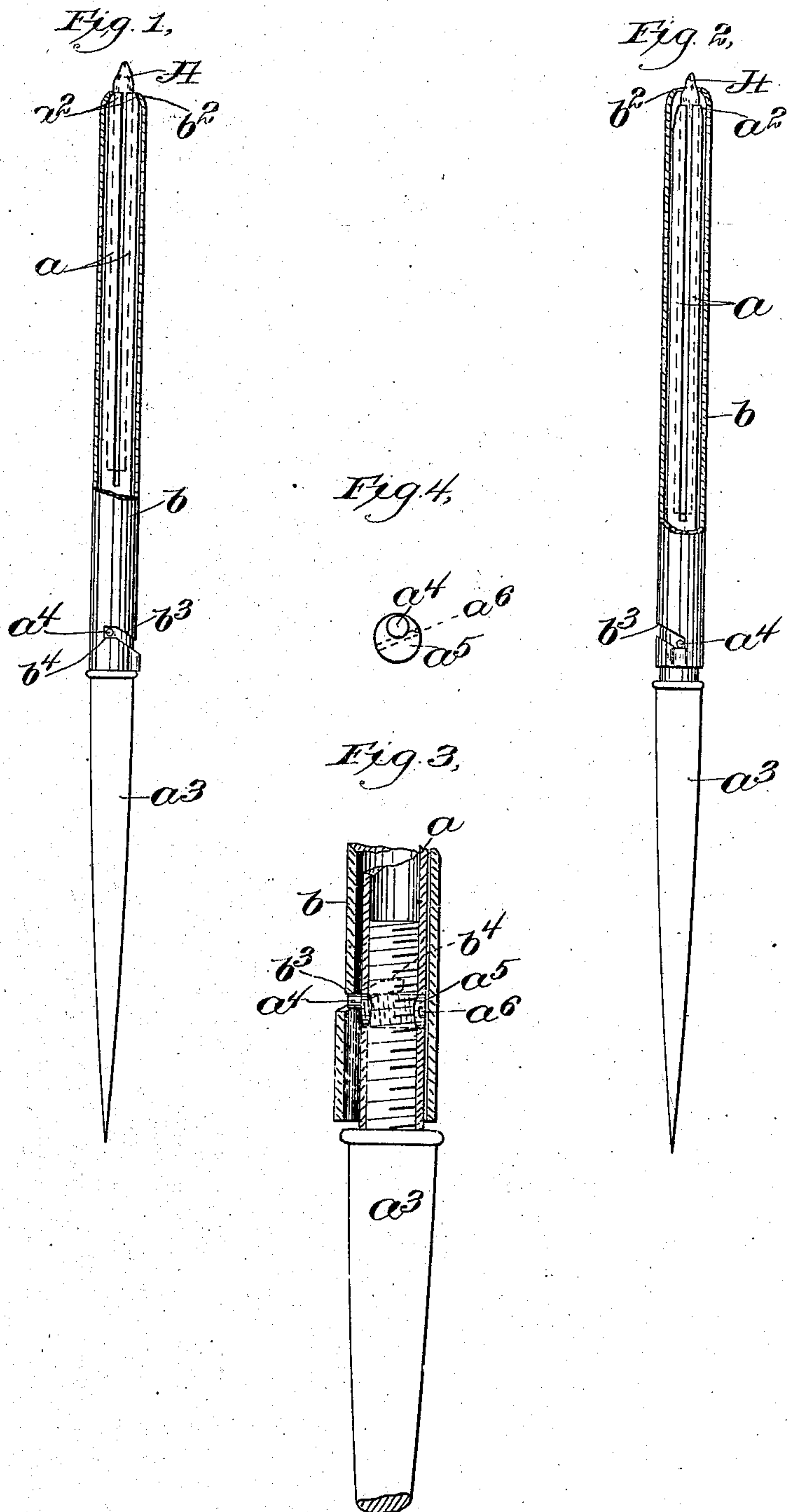


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 CRAYON HOLDER.  
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900,143.

Patented Oct. 6, 1908.



Witnesses:  
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 Attys.



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# UNITED STATES PATENT OFFICE.

HENRY T. BAILEY, OF NORTH SCITUATE, MASSACHUSETTS.

## CRAYON-HOLDER.

No. 900,143.

Specification of Letters Patent.

Patented Oct. 6, 1908.

Application filed August 4, 1906. Serial No. 329,255.

*To all whom it may concern:*

Be it known that I, HENRY T. BAILEY, a citizen of the United States, residing in North Scituate, in the county of Plymouth and State of Massachusetts, have invented an Improvement in Crayon-Holders, of which the following description, in connection with the accompanying drawings, is a specification, like letters on the drawings representing like parts.

The present invention relates to a crayon holder for use in schools, &c., the purpose of the invention being to obtain a holder which will grip a crayon firmly near the point, and, at the same time, afford a smooth finger piece without external fastening devices which not only interfere with the hold of the user, but are also liable to be slipped out of place and to thereby release the crayon while the holder is in use.

The holder embodying the invention consists of a series of clamping members tapered at their ends, these members being wholly inclosed in a casing having a corresponding internal taper, and extending for some distance beyond the point of the crayon, so as to afford a smooth surface along the part where the holder is gripped when in use. This member is longitudinally movable with relation to a suitable support for the internal gripping members, so that the tapered surfaces cooperate in holding the crayon in the holder. In the construction shown, the longitudinal movement is produced through the agency of a projection from the internal member which cooperates with an inclined slot connected with the external member, so that a portion of a turn of the latter, will draw the same up and clamp the crayon.

A further feature of the invention consists in means for adjusting the position of the projection to compensate for wear &c.

Figure 1 is a view, partly in elevation and partly in longitudinal section of a crayon holder embodying the invention, the crayon being shown as clamped; Fig. 2 is a similar view of the same with the crayon shown as released; Fig. 3 is an enlarged sectional detail illustrating means for adjusting the projection from the inner member; and Fig. 4 is a further detail illustrating the same device.

The crayon holder embodying the invention consists of a clamping member having longitudinal yielding arms  $a$  preferably formed in one cylindrical piece by cutting

slots longitudinally in the same, the said members  $a$  having, at their outer ends, tapered portions  $a^2$ . These members  $a$  may be connected with an extension  $a^3$  of any length desired for the complete crayon holder. The cylindrical opening between the members  $a$  is of such size as readily to admit the crayon  $A$  which is held in place, after being moved to the desired longitudinal position by means of an external engaging device  $b$  which is in the form of a sleeve, and completely incloses the members  $a$  and is of sufficient length to afford a smooth handle portion.

The member  $b$  is tapered at  $b^2$  to correspond to the tapered portion  $a^2$  of the members  $a$ , so that a longitudinal movement of one part with relation to the other will clamp or unclamp the crayon, as shown in Figs. 1 and 2. In order to produce such longitudinal movement by a simple and convenient expedient, the part which supports the member  $a$  is provided with a pin or projection  $a^4$  which extends through a slot  $b^3$  formed in the member  $b$ , the said slot being inclined, as shown, preferably terminating in a portion  $b^4$  which is substantially transverse to the axis of the holder. By turning the part  $b$  with relation to the inner portion, therefore, the pin will pass from the position shown in Fig. 2 to that shown in Fig. 1, thus producing sufficient longitudinal movement to clamp the crayon  $A$ , and keep the same in position. Since it is desirable that the projection  $a^4$  should be partially locked, that is to say, should rest on a surface which is not inclined, such as  $b^4$ , it is desirable to provide for the longitudinal adjustment of the projection  $a^4$  to compensate for wear, variation in the size of crayons, &c. The pin and slot, which constitute what may be termed a locking device, are located near that end of the member  $b$  which is farthest from the crayon point, so that in the use of the crayon holder the locking device is not likely to be accidentally disengaged; since it is not near the point when the crayon holder is held in the fingers.

In the construction shown, the projection  $a^4$  is eccentrically positioned with relation to a larger portion  $a^5$ , which is shown as screw threaded in the internal member, or which may, if desired, have merely a frictional fit therein. It is obvious, therefore, that, by turning the part  $a^5$  on its axis, the position of the projection  $a^4$  may be varied, the part

a<sup>7</sup> being herein shown as provided with a slot a<sup>6</sup>, so that it can be manipulated by means of a screw driver.

Claims.

1. A crayon holder comprising a main portion having longitudinal clamping members to engage a crayon; a projection from said portion longitudinally adjustable with relation thereto; and an inclosing member to inclose and cooperate with said clamping members, said inclosing member being provided with an inclined slot, substantially as and for the purpose described.

2. A crayon holder having longitudinal clamping members; an inclosing member cooperating therewith and provided with an inclined slot; a pin to cooperate with said slot; and a rotatable support for said pin to which said pin is eccentrically related.

In testimony whereof, I have signed my name to this specification in the presence of two subscribing witnesses.

HENRY T. BAILEY.

Witnesses:

G. H. WILLIAMS,  
H. J. LIVERMORE.