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1,451,934

H. WEIG

ERASER HOLDER

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Fig. 1

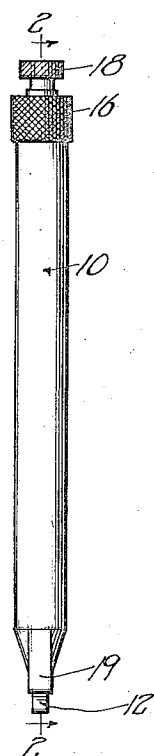


Fig. 2

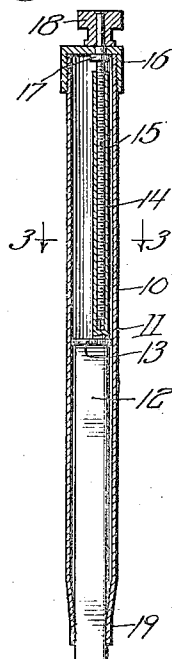


Fig. 3

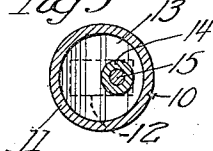
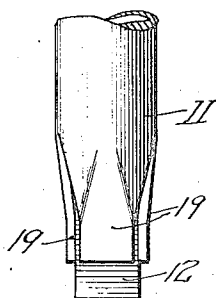


Fig. 4



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UNITED STATES PATENT OFFICE.

HERMAN WEIG, OF CHICAGO, ILLINOIS.

ERASER HOLDER.

Application filed February 10, 1921. Serial No. 443,790.

To all whom it may concern:

Be it known that I, HERMAN WEIG, a citizen of the United States, and resident of Chicago, in the county of Cook and State of Illinois, have invented a certain new and useful Improvement in Eraser Holders (Case 2), of which the following is a full, clear, concise, and exact description, reference being had to the accompanying drawings, forming a part of this specification.

My invention relates to eraser holders, and more specifically to eraser holders wherein but a comparatively small portion of the eraser projects from the holder and means are provided for forcing out additional lengths of the eraser as the eraser wears out.

Eraser holders of the class described are particularly adapted for use with thin flexible erasers such as are commonly employed when the abrasive effect of the erasing operation is to be confined to a limited area.

The objects of my invention are to provide an eraser holder comprising a tube adapted to receive a strip of erasing material, and means carried by the tube for feeding the eraser out of the tube as desired; and to provide an eraser holder comprising a tube and means carried by the tube for feeding the eraser out of the tube as desired, the means comprising a plunger spreadably mounted in the tube, the plunger being held against angular displacement by said means, co-acting with the tube.

These and other objects of my invention will be more clearly pointed out as the following description progresses, reference being had to the accompanying drawings, wherein:

Figure 1 is a side elevation of an eraser holder embodying the novel features of my invention;

Figure 2 is a section taken on line 2—2 of Figure 1, looking in the direction of the arrows;

Figure 3 is a section taken on line 3—3 of Figure 2, looking in the direction of the arrows; and

Figure 4 is an enlarged fragmentary side elevation of the holder.

Similar characters of reference indicate similar parts throughout the several views.

In the drawings, the reference character 10 designates my improved eraser holder generally, the holder comprising a tube 11 which is preferably cylindrical in form. An eraser 12 is shown disposed in the lower end

of the tube. Disposed against the upper end of the eraser is a circular disk or plunger 13, having a diameter slightly less than the internal diameter of the tube. The axes of the tube and plunger are substantially coincident. The plunger 13 has an upwardly extending tubular portion 14, into which is threaded a pin 15. The pin 15 is rotatably journaled in a cap 16, threaded upon the upper end of the tube 11. The pin is held against longitudinal displacement relatively to the cap by a collar 17 formed integrally with the pin, and a knurled head 18, rigidly secured to the upper end of the pin.

As shown in Figures 2 and 3, the common axis of the pin 15 and the tubular portion 14 is eccentrically disposed relatively to the common axis of the tube 11 and plunger 13. It is apparent that if the pin be rotated, the plunger 13 must move upwardly or downwardly in the tube, the direction of such movement depending upon the direction in which the pin is rotated. In this manner, the plunger may be forced downwardly in the tube, and as the plunger rests against the upper end of the eraser, any desired length of it may be fed out of the tube.

The tube at its lower end terminates in a plurality of flexible fingers 19. The fingers 19 function as spring members, and frictionally engage the sides of the eraser, but are adapted to yield when the eraser is forced downwardly in the tube by means of the plunger 13.

In the operation of the device, the eraser may be replaced by first removing the cap 16 from the tube 11, thus also withdrawing the plunger from the tube. An eraser is then inserted into the tube. By rotating the pin relatively to the plunger, the plunger may be adjusted to a position in which the tubular portion 14 nearly contacts the collar 17. The plunger is then inserted into the tube, and the cap threaded upon the tube. The pin 15 may then be rotated in a proper direction by means of the knurled head 18 to cause the plunger 13 to force the eraser downwardly in the tube until it projects a sufficient distance from the tube.

While I have thus described the details of one form of my invention, it is to be understood that I am not limited to these details except by the scope of the appended claim.

What I claim is:

An eraser holder comprising a tubular member adapted to receive an eraser, spring

means at one end to prevent accidental displacement of the eraser, a cap detachably secured to the tubular member at the other end of said tubular member, a pin rotatably
5 mounted in the cap, a tubular plunger threaded upon the inner end of said pin, and a circular member disposed between the plunger and the eraser and adapted to be engaged by both the eraser and plunger, the
10 axes of the pin and plunger being eccentric

to the axis of the circular member, the longitudinal axes of said eraser pin and plunger lying within the walls of the tubular eraser holder.

In witness whereof, I hereunto subscribe 15
my name this 1st day of February, 1921.

HERMAN WEIG.

Witnesses:

ARTHUR W. CARLSON,

ANDREW F. WINTERCORN.