

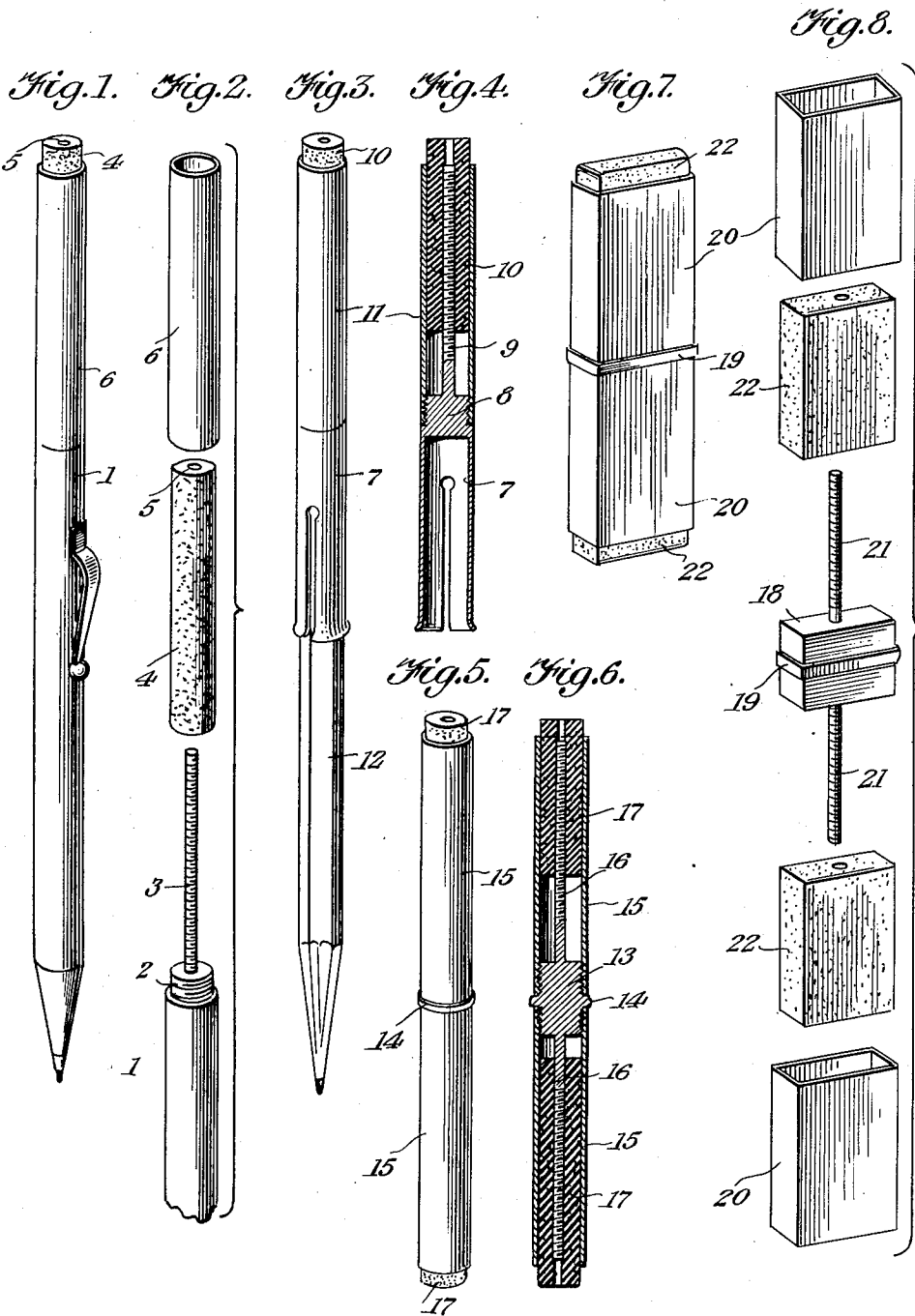
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ERASER HOLDER

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ERASER HOLDER

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This invention relates to eraser holders, and its general object is to provide a refillable holder for erasers, that can be attached to or be included as a part of writing implements such as pens and pencils, or the holder can be a distinct and separate unit, but in any event is adapted to receive and house an eraser or erasers to retain the same in a clean and flexible condition and which can be fed therefrom to provide an extending portion for use, until completely consumed.

Another object of the invention is to provide an eraser holder that is capable of receiving a relatively large quantity of erasing material, for use in an easy and convenient manner and so as to last for a prolonged period of time.

Another object of the invention is to provide an eraser holder of the character set forth, that is simple in construction, easy to actuate, inexpensive to manufacture, and extremely efficient in use and service.

This invention also consists in certain other features of construction and in the combination and arrangement of the several parts, to be hereinafter fully described, illustrated in the accompanying drawing and specifically pointed out in the appended claims.

In describing my invention in detail, reference will be had to the accompanying drawing wherein like characters denote like or corresponding parts throughout the several views, and in which:

Figure 1 is a perspective view showing one form of my holder as being a part of a mechanical pencil.

Figure 2 is a similar view of the parts of the form shown in Figure 1 separated.

Figure 3 is a perspective view showing another form for use with the usual wood lead pencil.

Figure 4 is a longitudinal sectional view taken through the form shown in Figure 3.

Figure 5 is a perspective view of another modified form for use distinct and separate from a writing implement.

Figure 6 is a longitudinal sectional view taken through the form shown in Figure 5.

Figure 7 is a perspective view of a further modified form of the type as shown in Figures 5 and 6.

Figure 8 is a similar view of the parts of the form shown in Figure 7, separated.

Referring to the drawing in detail, and particularly to Figures 1 and 2 which discloses one form of my invention that is included as a part of a mechanical pencil, the body of which is indicated by the reference numeral 1, and has secured thereto and rising from its upper end a reduced portion providing a threaded boss 2.

Formed with or otherwise secured to the threaded boss 2 and rising centrally therefrom is a relatively long stem 3 which may be threaded as shown, but in any event is serrated, rough-

ened or provided with teeth for the purpose of holding a cylindrical eraser 4 thereon and which is provided with a longitudinally centrally arranged bore 5 to receive the stem 3. The eraser 4 may be formed from any well known erasing material and is initially longer than the stem 3.

Surrounding the eraser 4 and threadedly secured to the boss 2 is a tubular sleeve 6 which cooperates with the stem 3 in holding the eraser in a relatively fixed position for use as shown in Figure 1.

In Figures 3 and 4 I have illustrated a modified form of my invention for use on the usual wood lead pencil and which includes a longitudinally split barrel portion 7 having formed with or otherwise secured to its upper end a threaded boss 8 that has a stem 9 similar to the stem 3 secured thereto and rising centrally therefrom as clearly shown in Figure 4. The stem 9 is adapted to receive a cylindrical eraser 10 that is provided with a longitudinally arranged centrally disposed bore for that purpose, while surrounding the eraser 10 is a tubular sleeve 11 which is threadedly secured to the boss 8.

It will be noted from Figure 3 that the pencil 12 is adapted to receive the barrel portion 7 in the customary manner and of course the barrel portion 7 is split so that it will set up a resilient action to grip the pencil as will be apparent.

While I have illustrated and so far described my eraser holder as being associated with pencils, I want it understood that it can be associated with any type of writing implements including fountain pens and the like, or the holder can be a distinct and separate unit having no connection with a writing implement such as the modified form illustrated in Figures 5 and 6. In that form I provide a cylindrical body member 13 that is threaded and has formed therewith midway its ends an annular flange 14, the opposite sides of which provide shoulders to receive tubular sleeves 15 that are threadedly secured to the body 13 as clearly shown in Figure 6.

Extending from opposite ends of the cylindrical body 13 are stems 16 which are threaded as shown, or serrated or otherwise roughened to hold cylindrical erasers 17 which are provided with centrally arranged longitudinally disposed bores for the passage of the stems therein. The sleeves 15 surround the erasers 17 and cooperate with the stems for holding the erasers relatively fixed but the erasers are movable on the stems in a manner and for a purpose which will be presently described.

In Figures 7 and 8 I have illustrated a further modified form of my device and which includes a body 18 in the form of a rectangular block having surrounding the same midway its ends a band 19 similar to the annular flange or collar 14 and which likewise provides shoulders for the

inner ends of rectangular housing members 20 that are slidably associated with the body 18 as shown in Figure 7 and suggested in Figure 8.

Secured to and extending from the opposite 5 sides of the body 18 and centrally therefrom are stems 21 which are likewise threaded in the form as shown to hold erasers 22 thereon, and the erasers are received in the housing members 10 which are shaped to fit the same as well as the body 18 as will be apparent. The stems 21, as well as the stems 3, 9 and 16 may be solid, or tubular, as preferred.

From the above description and disclosure of the drawing, it will be obvious that I have pro- 15 vided an eraser holder that is capable of being associated with writing implements or can be a distinct and separate unit, and is capable of receiving a large quantity of erasing material that can be fed therefrom by being moved out- 20 wardly on its stem which is roughened so as to cooperate with the housing in holding the material in fixed relation with a portion disposed for use and until the material is entirely consumed. The housing members which not only 25 include the members 20 but also the tubular sleeves retain the erasing material in a clean and flexible condition and these members can be readily removed so as to facilitate the outward movement of the erasing material, as well as when 30 refilling the holders when the erasing material is entirely consumed.

It is thought from the foregoing description that the advantages and novel features of my invention will be readily apparent.

I desire it to be understood that I may make 35 changes in the construction and in the combination and arrangement of the several parts, provided that such changes fall within the scope of the appended claims.

What I claim is:

1. An eraser holder comprising a stem, an enclosure disposed about said stem and erasing material mounted on said stem and movable thereon to provide an exposed portion extending 45 from the enclosure.

2. An eraser holder comprising a stem, supporting means for said stem and having the latter extending therefrom, an enclosure detachably 50 connected to the supporting means and surrounding the stem and erasing material arranged in the enclosure and received by the stem for movement thereon to provide an exposed portion extending from said enclosure.

3. An eraser holder comprising a stem, threaded supporting means for said stem and having the latter extending centrally therefrom, an enclosure threaded to the supporting means, and erasing material adapted to be disposed in said 55

enclosure and received by the stem for movement thereon.

4. An eraser holder comprising a stem, supporting means for said stem and having the latter extending therefrom, an enclosure surrounding the stem and received by the supporting 80 means, erasing material adapted to be disposed in said enclosure and mounted for movement on the stem to provide an exposed portion extending from the enclosure, and said stem being rough- 85 ened to hold the erasing material relatively fixed with respect thereto.

5. An eraser holder comprising a stem, supporting means for said stem and having the latter centrally extending therefrom, an enclosure surrounding the stem, erasing material adapted to be received in said enclosure and mounted for 90 slidable movement on the stem, and the stem being threaded to hold the erasing material relatively fixed with respect thereto. 95

6. An eraser holder comprising a threaded boss, a stem secured thereto and rising centrally therefrom, a sleeve threadedly secured to the boss, and an eraser received in the sleeve and mounted for 100 movement on the stem.

7. An eraser holder comprising a barrel portion, a boss formed with the barrel portion, a stem extending from the boss, a sleeve surrounding the stem and detachably secured to the boss, and an eraser received in the sleeve and mounted 105 for movement on the stem.

8. An eraser holder comprising a cylindrical body, stems extending from opposite sides thereof, sleeves surrounding the stems and detachably secured to the body, and erasers received in the 110 sleeves and mounted for slidable movement on the stems.

9. An eraser holder comprising a body, stems extending from opposite ends of the body, means surrounding the body and providing shoulders, 115 enclosures mounted on the body and received by the shoulders, and erasers arranged in the enclosures and mounted for movement on the stems.

10. An eraser holder comprising a body, stems 120 extending from the opposite ends thereof, housings slidably mounted on the body and disposed about the stems, and erasers arranged in said housings and mounted for movement on the stems. 125

11. An eraser holder comprising a rectangular body, a band surrounding the body midway its ends and providing shoulders, housings slidably received by the body and engageable with the shoulders, stems extending from opposite ends of 130 the body and being roughened, and erasers received in the housings and mounted for movement on the stems.

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