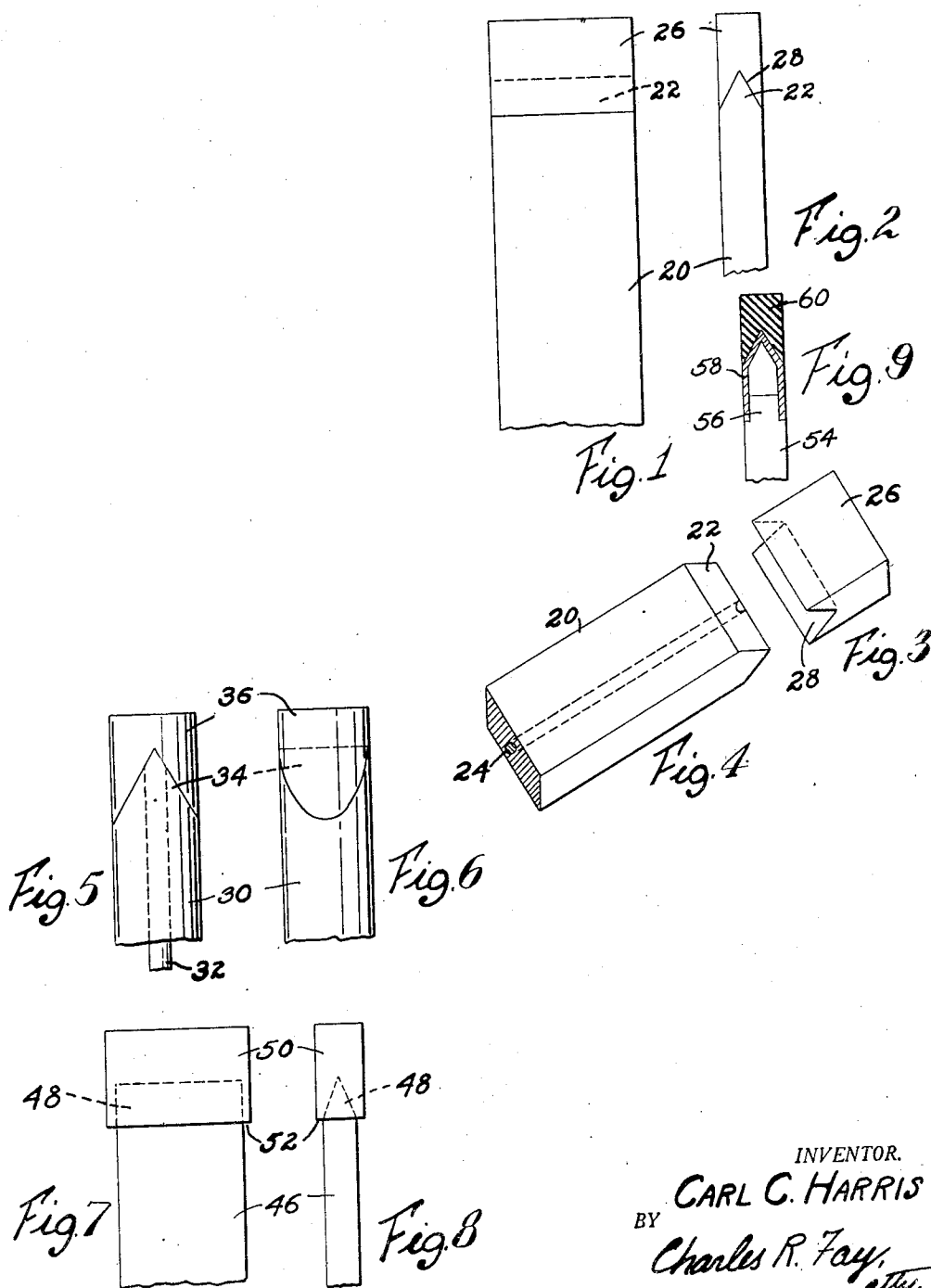


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ERASER FOR PENCILS
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ERASER FOR PENCILS

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1 Claim. (Cl. 120—38)

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This invention relates to new and improved erasers for pencils of any type.

Objects of the invention include the provision of a new and improved rubber eraser for pencils and particularly for flat pencils; the provision of a new and improved eraser having a recess for the reception of the reduced end of a pencil particularly of the flat type and eliminating the use of ferrules and obtaining a reduction in the quantity of rubber required; the provision of an eraser construction in which all of the rubber of the eraser is useful for erasing, and none of which is wasted by the mode of securement to the pencil; and the provision of a new and improved rubber eraser for pencils which is better and more economical in use and cheaper to manufacture than erasers of the prior art.

Other objects and advantages of the invention will appear hereinafter.

Reference is to be had to the accompanying drawings, in which

Fig. 1 is a view in elevation of the new eraser applied to a flat pencil;

Fig. 2 is an edge view of the construction of Fig. 1;

Fig. 3 is a perspective view of the eraser of Fig. 1;

Fig. 4 is a perspective view of the eraser end of the flat pencil;

Figs. 5 and 6 are elevational views showing a modification of the eraser for round pencils;

Figs. 7 and 8 show a further modification of the flat pencil eraser; and

Fig. 9 illustrates the invention applied to mechanical pencils.

Erasers of the prior art are usually inserted in the end of a pencil and thus lose a part of the usefulness of the rubber so that the eraser is not fully utilized, and also, it is well known that there are other pencil eraser constructions where the pencil must be sawed or cut in such a way that the tool cuts thru the graphite and is quickly dulled. The present invention provides an eraser having a recess for the reception of a reduced end of a wooden pencil, in which the reduced end may be obtained by abrading so as to avoid the use of cutters, and then a suitable adhesive is used to secure the rubber eraser to the reduced end of the pencil, the latter being located in the recess. Thus the pencil itself acts as a stiffener for the eraser and avoids excessive distortion and bending of the eraser when in use, while at the same time, the entire rubber of the eraser is made useful for its intended purpose.

Figs. 1 to 4 show the new eraser applied to a

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flat pencil 20. In this case the flat pencil is provided with a wedge form at 22 and the edge of the wedge extends from one narrow edge of the pencil to the other. The flat pencil 20 of course is provided with the central lead 24 which appears in the center of the wedge 22, and the rubber eraser 26 forms a continuation of the flat pencil with the wedge 22 received in an eraser recess 28, the latter conforming to the shape of the wedge. In this form of the invention, the wedge 22 stiffens the eraser but does not interfere with its use and it will be seen that all of the rubber of the eraser 26 is utilized for the intended purpose.

Figs. 5 and 6 show a round pencil 30 having a central lead 32 and a wedge end 34. The rubber eraser 36 is molded or otherwise formed to fit over the wedge as shown. In this case, the shape of the eraser and its recess are apparent from the exterior of the assembled article and the inventive concept is similar to that above described as to the disclosures of Figs. 1 and 4.

Figs. 7 and 8 show a modification of the flat pencil type wherein the flat pencil 46 is provided with a wedge end 48 similar to that of Fig. 1. However, in this case, the eraser is wider and thicker than the pencil so as to overhang the same as shown at 52.

Fig. 9 shows one way in which this invention may be applied to a mechanical pencil, either round or flat. The mechanical pencil body is shown at 54 and is provided with a ferrule 56 holding a metal or plastic wedge or cone 58 to which is adhesively secured the eraser 60. Thus it will be seen that the invention is by no means limited to wooden pencils but on the other hand provides an advantageous construction for other pencils such as mechanical devices.

It will be seen that this invention provides a very simple and inexpensively manufactured eraser which may assume various modifications, all of which however, possess the attributes of being cheaply made and of utilizing the entire eraser for the intended purpose by doing away with all fastening means such as ferrules or drilled holes, and of providing, by this construction, a stiffened eraser which will not tend to become deformed or bent under heavy use.

Having thus described my invention and the advantages thereof, I do not wish to be limited to the details herein disclosed, otherwise than as set forth in the claim, but what I claim is:

An article of manufacture comprising a pencil having at one end flat converging surfaces lying

in planes meeting in a line which is in the plane of the central axis of the pencil, and an eraser recessed to conform to the converging surfaces of said pencil and adhesively secured thereto along said converging surfaces.

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