

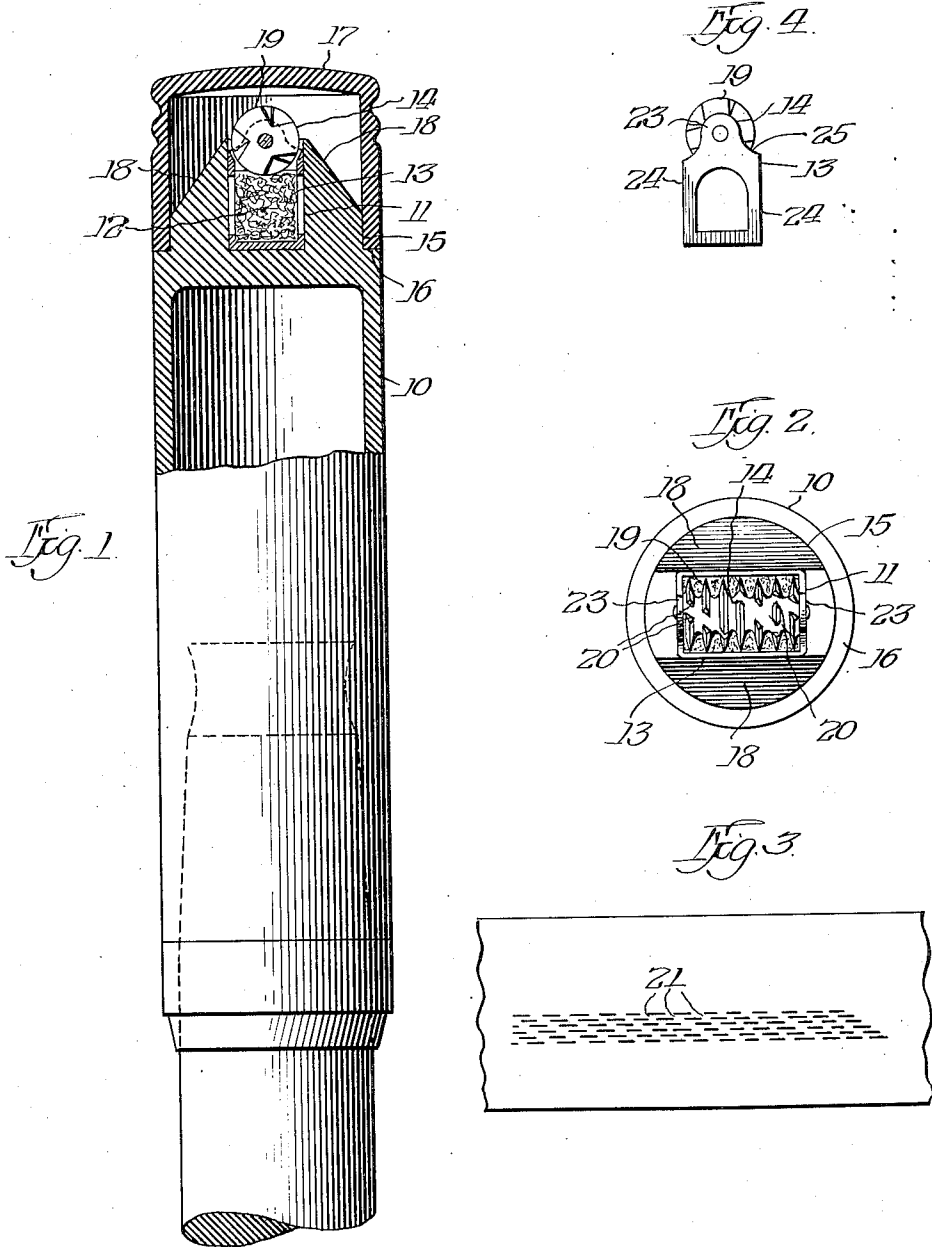
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S. E. PETERS

CHECK PROTECTOR

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Witness:
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UNITED STATES PATENT OFFICE.

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CHECK PROTECTOR.

Application filed April 3, 1922. Serial No. 548,891.

To all whom it may concern:

Be it known that I, STANLEY E. PETERS, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented a certain new and useful Improvement in Check Protectors, 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.

The invention relates to check protectors and primarily to that type which is designed for application and association with a fountain pen by being arranged at or adjacent one end of the fountain pen barrel or at one end of the protecting cap which is usually provided to enclose and protect the pen point when the latter is not in use.

The prime object of the present invention is to provide a construction which will efficiently mutilate and simultaneously ink the mutilated parts of a check or other instrument so that it cannot be readily altered without detection, and to arrange the inking and mutilating elements in that portion of the pen which heretofore performed no function other than a closure for the end of the barrel or the cap of the pen.

It is an object of the invention to utilize either of these portions of the fountain pen and to construct it with a recess or cavity so that it may accept the various elements entering into the check protector structure and at the same time provide a reservoir for the inking material which thus simplifies the structure and eliminates the necessity of providing a separate pan or container for the inking material.

It is a further object of the invention to arrange a suitable absorbent material in the recess provided in the cap or end of the barrel, this absorbent being arranged with respect to the mutilating roller so that ink will be fed from the reservoir and absorbent to the mutilating roller.

It is an additional object to provide a mutilating and inking roller, the cutting or mutilating surfaces of which are arranged relatively to each other so that the impression and mutilation made thereby will leave a part of the paper between the mutilated portion in its original condition and disposed at an angle to the impressions or mutilated portions. These spaces between the mutilating surfaces of the roller coact to

convey the inking material from the absorbent and to transmit it to the inking surfaces of the roller.

It is a further object to provide a cap or closure for the inking and mutilating roller which may readily be secured and removably held relatively to the pen, and to so construct the end of the portion in which the various elements are mounted so that they will facilitate the use of the device.

The invention will be explained and more readily understood when read in conjunction with the accompanying drawings in which the invention is illustrated as associated with a fountain pen cap. It is understood, however, that it is not limited in its application to this particular portion of the pen as it may be associated and arranged in the end of the pen holder instead, without departing from the spirit of the invention as expressed in the appended claims forming a part hereof.

In the drawings Figure 1 is a central longitudinal section of a fountain pen cap drawn to an enlarged scale having the invention applied thereto.

Figure 2 is a top plan view of the end of the cap illustrated in Figure 1.

Figure 3 is a view showing the impression made by the inking and mutilating roller.

Figure 4 is a view of a supporting frame for the mutilating and inking roller employed in the construction.

In the drawings, the invention is shown as applied to a fountain pen cap 10 which is usually of a tubular formation and open at one of its ends so that it may be passed over the opposite ends of the pen holder to protect the pen or to secure the cap to the holder during the writing operation.

The opposite end of the cap is usually closed by a solid portion. It is an object of the invention to provide this solid portion of the cap with a suitable cavity 11 which in the present construction is rectangular in outline and has a wall which forms the bottom of the cavity and separates the cavity from the remaining tubular portion of the cap, which as before stated is designed to be passed over the ends of the pen holder.

This cavity provides a reservoir, a housing for the absorbent material 12, the frame 13, and the mutilating and inking roller 14, which are all removably mounted within the cavity 11. The portion of the cap having

the cavity 11 is provided with the reduced portion 15, which produces a shoulder 16 against which the edge of the removable closure 17 abuts when arranged upon the end of the cap to enclose the mutilating and inking elements of the structure.

The uppermost or reduced portion 15 of the fountain pen cap 10 is provided with the diametrically opposed inclined faces 18—18 which are produced by chamfering the end of the fountain pen cap at these portions. The provision of these chamfered or inclined faces 18 permits the pen holder to be arranged or held at an angle by the user, when this end of the pen holder which carries the mutilating and inking roller is brought into use.

The mutilating roller 14 is of a certain structure and includes the cutting and mutilating edges 19. The inking and mutilating roller 14 extends beyond the end of the cap 10 and the periphery of each of these cutting edges are cut away at intervals of their circumference as indicated at 20. The cut-away portions of one of the cutting edges is disposed at an angle to the other as clearly shown in Figure 2, in other words a spirally arranged groove is produced by this arrangement which acts to convey the inking material from the absorbent material 12 and to transmit it to the inking and mutilating surfaces of the roller.

The relative position of these cut-away portions 20 and the cutting or mutilating surfaces 19 cooperate with each other so that the impression made thereby upon the paper will leave a portion of the paper in its original condition. This portion of the paper being disposed at an angle to the mutilated portions thereof, as clearly shown in Figure 3 and designated by the numeral 21.

This mutilating roller 14 is journaled at its opposite ends in the frame 13 which is of a rectangular formation or formed to correspond to the formation of the cavity 11 and has the ears 23—23 which are perforated to provide a journal for the ends of the cutting or mutilating roller. The opposite faces 24—24 are cut away as indicated at 25 so as to expose a greater portion of the mutilating roller 14.

From the foregoing description it is evident that an arrangement is produced which may be mounted in the end of the fountain pen cap, causing this end of the cap to perform a useful function which heretofore was not employed for any purpose other than to provide a closure for the end of a fountain pen holder.

It is further evident, that this end of the fountain pen cap having the device forming the basis of this application applied thereto is constructed so that its use in the above referred to capacity is facilitated.

It is further manifest that the construc-

tion of the mutilating roller 14 will mutilate and ink the surface of the paper so that the written matter contained upon this surface of the paper cannot be readily altered without detection of the alteration. The unaltered portion 21 of the surface of the paper providing a means which may be compared with the writing contained upon the mutilated portion thereof containing the written matter which will thereby assist in detecting any alteration which may have been performed.

Having thus described the invention what I claim and desire to cover by Letters Patent is:

1. In a device of the character described, the combination of a tubular member, one end of which is recessed to provide an ink reservoir, a roller mounted upon a supporting frame, the latter of which is adapted to be arranged in said reservoir, said roller having a plurality of radially arranged mutilating elements which are disposed around the circumference of the roller and lengthwise thereof, the spaces which separate said mutilating elements being disposed relatively to each other so as to describe a spiral which extends lengthwise of said roller.

2. In a device of the character described, the combination of a tubular member one end of which is provided with a recess, a roller mounted in said recess, said roller being provided with a plurality of radially extending separated elements which are arranged around the circumference of the roller and lengthwise thereof, the spaces which separate the radially extending elements being disposed relatively to each other so as to describe a spiral which extends lengthwise of said roller.

3. In a device of the character described, the combination of a tubular member having an end wall and having receding portions, a recess arranged in said end wall between said receding portions and a mutilating roller mounted in said recess and having a portion thereof extending beyond the recess, said receding portions being arranged upon opposite sides of the axis of said roller.

4. In a device of the character described, the combination of a tubular member having an end wall and having receding portions, a recess arranged in said end wall between said receding portions, mutilating roller mounted in said recess and having a portion thereof extending beyond the recess, said receding portions being arranged upon opposite sides of the axis of said roller and means for supplying ink to the roller.

5. In a device of the character described, the combination of a tubular member having an end wall and having receding portions, a recess provided in said end wall be-

tween the receding portions, a frame, a mutilating roller carried by said frame, means for inking said roller, also carried by the frame, said frame being permitted to be mounted in said recess and said roller having a portion thereof extending beyond the end of the tubular member when arranged in said recess.

6. A fountain pen cap having an end wall thereof provided with a recess for the reception of a roller having inking and mutilating elements, the axis of said roller being arranged transversely to the axis of the cap, and inking material for feeding ink to said roller.

7. A fountain pen cap having a recess provided in one end thereof, a frame arranged in the recess, a roller having mutilating and inking elements, said roller being carried by said frame, a portion of said roller being extended beyond the end of the cap, and absorbent material provided in said recess for supplying ink to said roller.

8. A fountain pen cap having a recess provided in one end for the reception of a frame, a mutilating and inking roller carried by said frame and inking material arranged to feed ink to said roller, said frame, roller and inking material being permitted to be introduced and removed from the recess as a unit.

In witness whereof, I hereunto subscribe my name this 21st day of March A. D. 1922.

STANLEY E. PETERS.