

April 2, 1935.

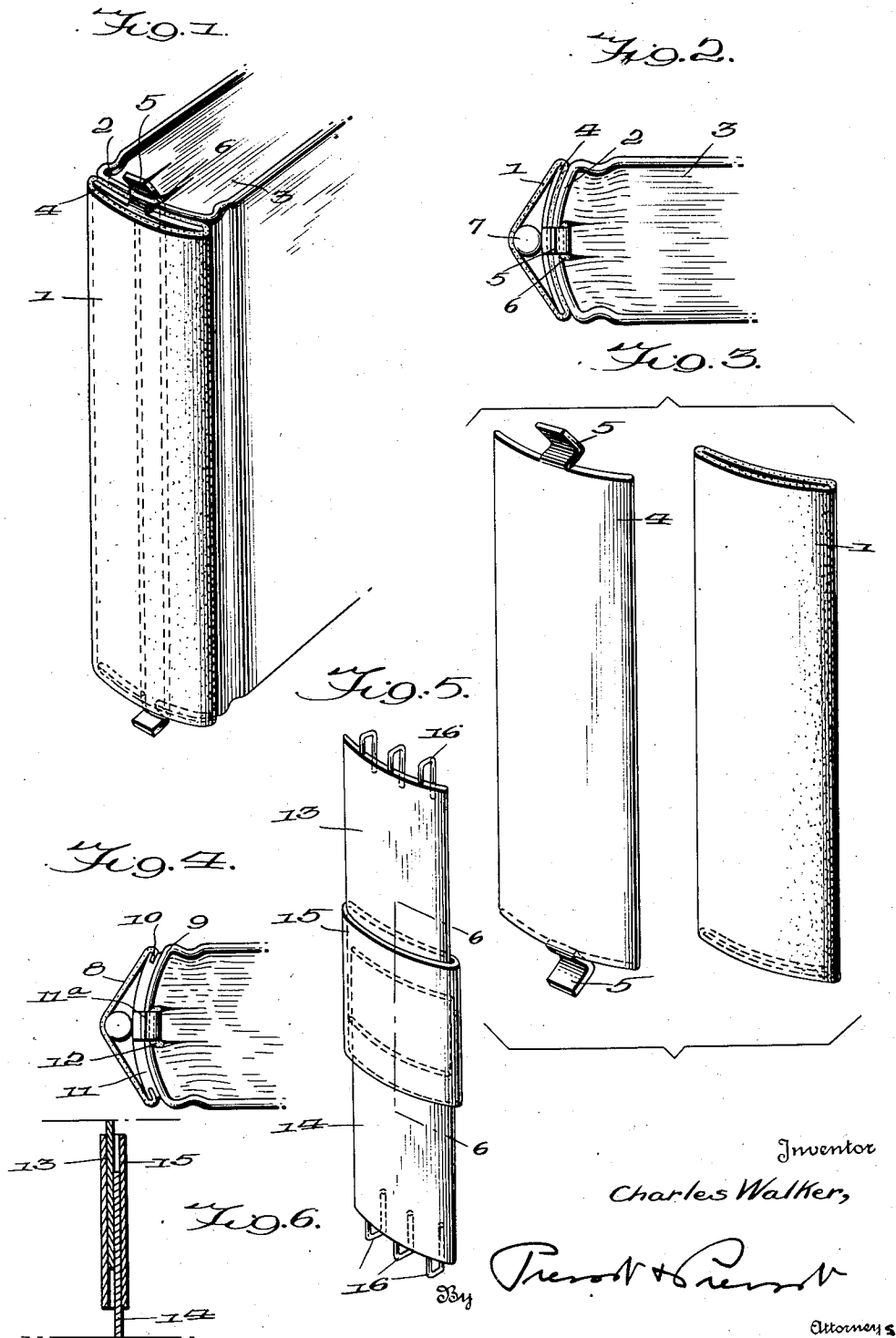
C. WALKER

1,996,664

SAFETY PENCIL HOLDER

Filed July 28, 1933

2 Sheets-Sheet 1



April 2, 1935.

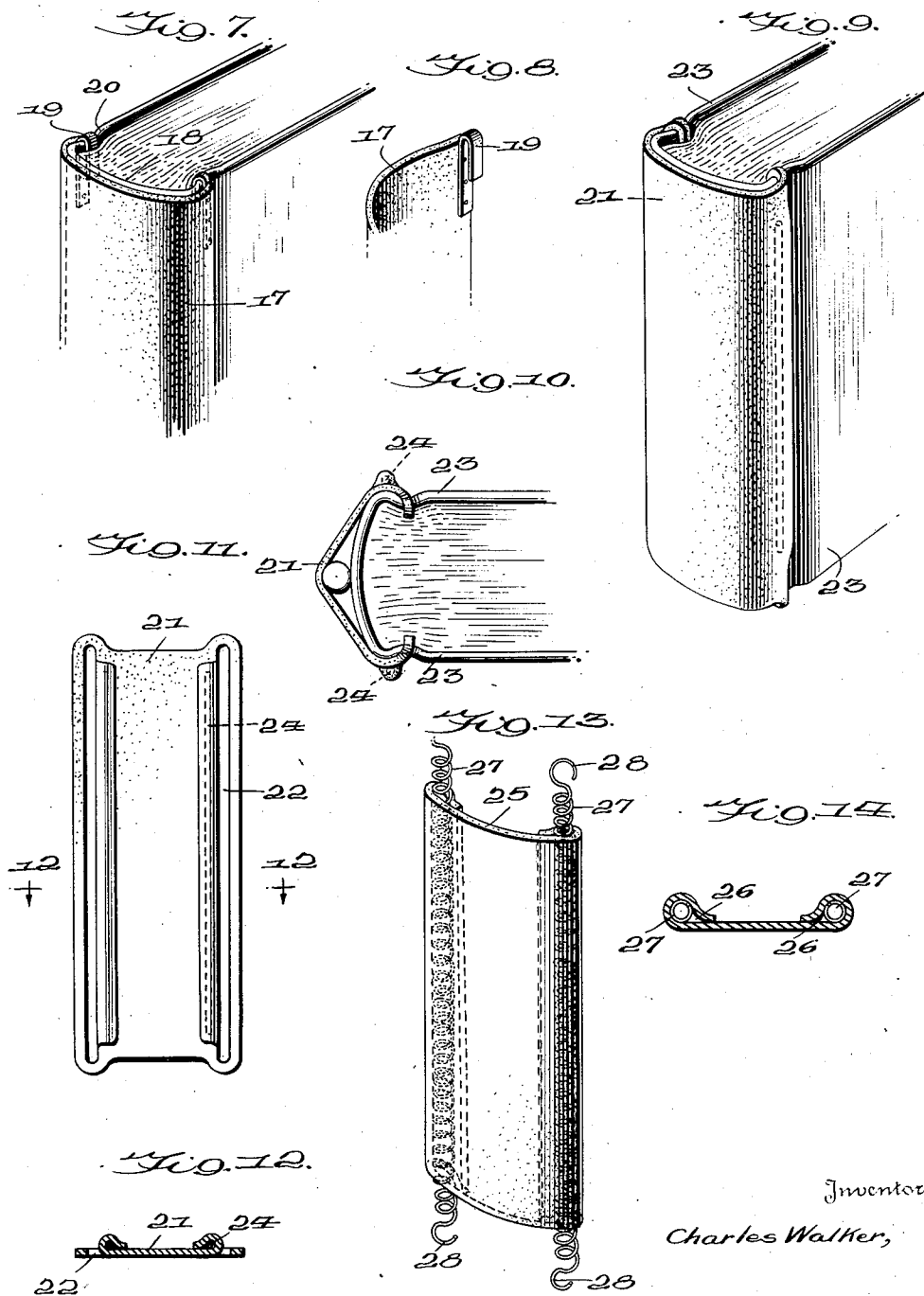
C. WALKER

1,996,664

SAFETY PENCIL HOLDER

Filed July 28, 1933

2 Sheets-Sheet 2



Inventor

Charles Walker,

By *Frank + Frank*

Attorneys

UNITED STATES PATENT OFFICE

1,996,664

SAFETY PENCIL HOLDER

Charles Walker, Knoxville, Tenn.

Application July 28, 1933, Serial No. 682,604

8 Claims. (Cl. 281—30)

My invention consists in new and useful improvements in a pencil holder or the like and relates more particularly to that type of holder adapted to be removably secured to the back of a book.

The primary object of my invention is to provide a holder formed of elastic material either in tubular or strip form and so constructed as to utilize the elasticity of said material for retaining a pencil, pen or the like, in place without the necessity of closures or other securing means.

Another object is to provide a holder which, due to its elastic construction, may be made to fit books of different sizes and shapes.

A further object of the invention resides in means whereby the holder may be quickly and easily secured to and removed from the back of a book.

A still further object of my invention is to provide a device of this character which is adjustable to accommodate books of different lengths.

With the above and other objects in view which will appear as the description proceeds, my invention consists in the novel features herein set forth, illustrated in the accompanying drawings and more particularly pointed out in the appended claims.

Referring to the drawings in which numerals of like character designate similar parts throughout the several views,

Fig. 1 is a partial perspective view of a book showing one form of my improved holder secured to the back thereof.

Fig. 2 is a top view of the same with a pencil in place.

Fig. 3 is a disassembled detail of the form of holder shown in Fig. 1 illustrating the stiffening plate and elastic tubular body.

Fig. 4 is a top view of a modified form of holder.

Fig. 5 is a modification comprising an adjustable stiffening plate.

Fig. 6 is a sectional view taken on line 6—6 of Fig. 5.

Fig. 7 is a partial perspective view of a second modified form of holder showing the same secured to the back of a book.

Fig. 8 is a fragmentary view showing the fastening means employed in connection with the holder shown in Fig. 7.

Fig. 9 is a partial perspective view showing a third modified form of holder secured to the back of a book.

Fig. 10 is a top view of the same.

Fig. 11 is a plan view of the holder per se.

Fig. 12 is a sectional view taken on line 12—12 of Fig. 11.

Fig. 13 is a perspective view illustrating a fourth modification of holder, and

Fig. 14 is a sectional view taken on line 14—14 of Fig. 13.

In the form of holder shown in Figs. 1, 2 and 3, numeral 1 indicates a tubular body member composed of rubber or other elastic material open at its extremities and extending substantially the length of the back 2 of a book 3. A stiffening plate 4 of metal or other suitable material, adapted to be inserted within said tubular member 1, is transversely curved to conform to the shape of the book back 2, the ends of said stiffening plate terminating in reduced projections bent to form retaining hooks 5. An elastic band 6 passes through the central part of the book and engages the hooks 5 to retain the holder in close engagement against the book back 2, as clearly shown in Figs. 1 and 2.

The manner in which this holder is applied to the back of a book is as follows:

The tubular member 1 is placed against the book back 2 and the stiffening plate 4 is inserted within said tubular member. The elastic band 6 is then passed between the leaves in the middle of the book and stretched to engage the opposed hooks 5, thus keeping the holder in place on the book back. A pencil or pen 7 may then be inserted between the outer wall of the tubular member 1 and the stiffening plate 4 and retained in place due to the elasticity of the tubular body member 1.

In the modified form of my invention illustrated in Fig. 4, the body member 8 comprises a strip of elastic material extending substantially the length of a book back 9, the longitudinal edges of said member 8 being folded over to fit in slots 10 provided for the purpose along the longitudinal edges of a stiffening plate 11, the edges of said member 8 being cemented or otherwise suitably secured in said slots. As in Fig. 1, the stiffening plate 11 is transversely curved to conform to the shape of the book back and also terminates in retaining hooks 11a for the elastic band 12. This elastic band 12 passes between the leaves through the middle of the book and engages the hooks 11a to hold the stiffening plate 11 carrying the elastic body member 8, against the book back 9.

The stiffening plate shown in Fig. 5 comprises two separate members 13 and 14 arranged with their ends in overlapping relation. A sleeve or socket 15 surrounds these members adjacent their

overlapping extremities and holds the same in sliding engagement, whereby the stiffening plate can be adjusted to fit books of various lengths. The sleeve or socket 15 may be made integral with either of said members, or it may be welded or otherwise secured thereto.

With this form of stiffening plate, a tubular elastic member is provided similar to that shown in Fig. 1, into which the adjustable stiffening plate is inserted. Hooks 16 are secured to the free ends of said members 13 and 14 and are adapted to pass over the ends of the book back to retain the holder firmly in place against the book. It will be noted that by providing elastic tubular members of different lengths, this holder can be readily adapted to books of various sizes, or the same tubular member may be used with the adjustable stiffening plate for books of different lengths.

In Figs. 7 and 8, I have shown a holder wherein no stiffening plate is necessary, the holder consisting of a strip 17 of elastic material stretched to cover the back 18 of a book and retained in place by hooks 19 suitably secured to the four corners of the strip 17 and passing over the book covers 20. In order to insure a close engagement of the longitudinal edges of the holder against the book back 18, the strip 17 may be molded to conform substantially to the shape of the book back, or the longitudinal edges of said strip may be reinforced or thickened to afford stiffness.

Referring to Figs. 9, 10, 11 and 12, it will be noted that in the form of invention therein disclosed, the use of hooks as well as the stiffening plate is avoided. In this form, the holder comprises a sheet 21 of elastic material, the side edges of which are provided with longitudinally extending slots adapted to receive the covers 23 of a book. Adjacent said slots and extending longitudinally thereof are reinforcing rods 24 held in place either by folding back the material cut out for the slots and cementing the ends to the strip 21, or by molding a small opening in the strip 21 adjacent each of the longitudinal edges of said slots.

In securing this holder to the back of a book, the covers are drawn back and inserted through the slots 22, after which the book is closed and the holder slid in place on the book back. The reinforcing rods 24 insure a close engagement of the sides of the holder against the book back as shown in Fig. 9.

Figs. 13 and 14 illustrate a holder comprising a strip 25 of elastic material, the longitudinal edges of which are folded over and cemented or otherwise suitably secured to form pockets or openings 26, each adapted to receive a coil spring 27. The ends of said springs 27 are provided with hooks 28 which fit over the covers of the book and retain the holder firmly against the back of a book. It will be noted that a holder of this type can be secured to books of various sizes, due to the stretching characteristic of the coil springs. It will also be noted that instead of the coil springs, elastic cords or bands may be employed with equal effect.

It will thus be seen that my invention provides a holder which can be easily and quickly applied to the back of any conventional book and is particularly useful in connection with students' textbooks, affording a safe and convenient means whereby students may carry their pencils and the like. In addition to the above, this holder also serves as a protecting means for the back of a

book and prevents the same from becoming soiled by the perspiration of the hands.

From the foregoing it is believed that the construction and advantages of my invention may be readily understood by those skilled in the art without further description, it being borne in mind that numerous changes may be made in the details disclosed without departing from the spirit of my invention as set out in the following claims.

What I claim and desire to secure by Letters Patent is:

1. A pencil holder attachment for books comprising a sheet of elastic material adapted to normally conform substantially to the shape of a book back, and means for securing the same to the back of a book, whereby a pencil or the like may be inserted under said sheet and retained in place by the elasticity thereof.

2. A pencil holder attachment for books comprising a body member having at least one wall of elastic material, a stiffening plate adapted to support and reinforce said body member and conforming substantially to the shape of a book back, and means for securing said body member and stiffening plate to the back of a book, whereby a pencil or the like may be inserted under the elastic wall of said body member and retained in place thereby.

3. A pencil holder attachment for books comprising a tubular body member of elastic material, a stiffening plate conforming substantially to the shape of a book back and adapted to be inserted in said tubular body member to support and reinforce the same, and means for securing said body member and plate to the back of a book, whereby a pencil or the like may be inserted between the outer wall of said body member and said stiffening plate and retained in place by the elasticity of the former.

4. A pencil holder attachment for books comprising a tubular body member of elastic material, a stiffening plate conforming substantially to the shape of a book back and adapted to be inserted within said tubular member, and means for securing said body member and stiffening plate to the back of a book with a portion of said elastic body member interposed between said plate and the back of said book, whereby said tubular member normally conforms substantially to the shape of the back of said book.

5. A pencil holder attachment for books comprising a body member having at least one wall of elastic material, a stiffening plate adapted to support and reinforce said body member and conforming substantially to the shape of a book back, a fastening band extending longitudinally of said body portion and adapted to embrace the back of the book between the pages thereof, and means at the longitudinal extremities of said stiffening plate for engaging portions of said band.

6. A pencil holder attachment as claimed in claim 2 wherein said stiffening plate and said body member are secured together along their adjacent longitudinal edges.

7. A pencil holder attachment as claimed in claim 1 wherein said means for securing the elastic sheet to the back of a book comprises hook members secured to the longitudinal extremities of said sheet and adapted to engage the adjacent extremities of a book back.

8. A pencil holder as claim in claim 2 wherein said stiffening plate is longitudinally adjustable.

CHARLES WALKER.