June 9, 1936. A. I. KLOTZ 2,043,833

PROTECTING FRAMING FOR BRIEF CASES

Filed Nov. 12, 1934

Fig. 1.

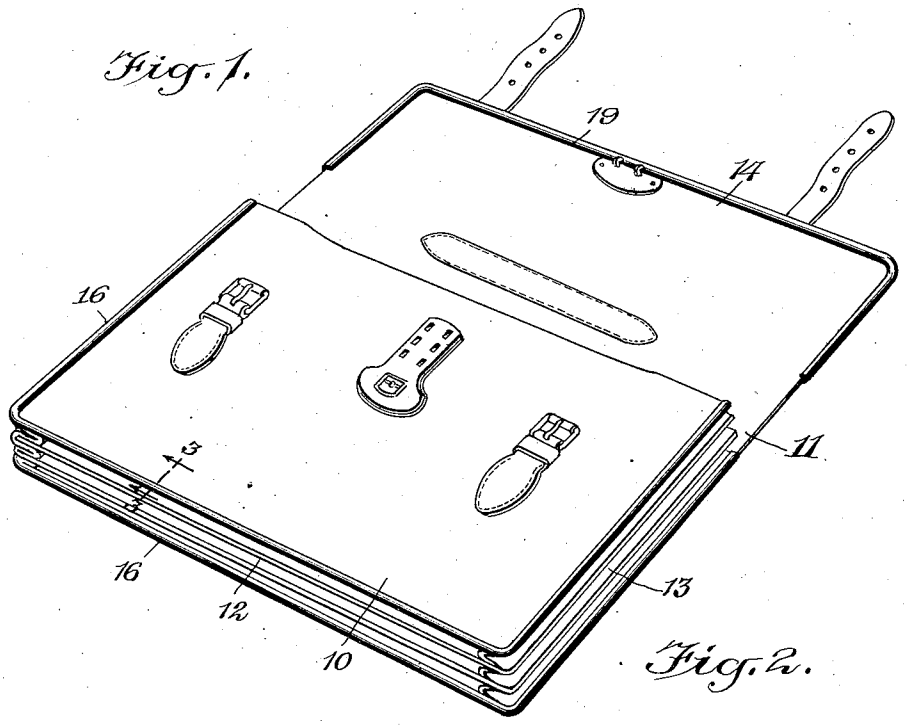


Fig. 2.

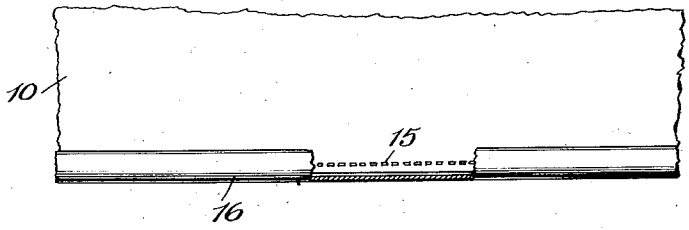


Fig. 3.

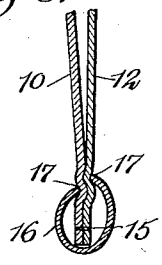


Fig. 4.

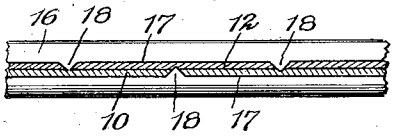


Fig. 5.

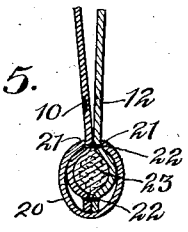
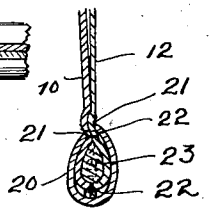


Fig. 6.



WITNESSES

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PROTECTING FRAMING FOR BRIEF CASES

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Application November 12, 1934, Serial No. 752,755

3 Claims. (Cl. 150—1.6)

This invention relates to improvements in brief cases.

The principal object of the invention is to provide a metal protector on a brief case so as to frame the edges thereof.

Some of the advantages of the invention are as follows: By covering the edge portions of a brief case they will be protected from rough wear and tear and will eliminate ragged and shabby edges. The usual stitching will be enclosed and be kept from opening, tearing or bursting. The protector will be inflexible or rigid so as to maintain the shape of the case for the entire life of the same. It will make it possible to stand the case in an upright position. The case having the protector of the present invention will not coil up and be worn out at its corners, and will be neat in appearance, and will be strong, durable and capable of standing rough usage.

The nature of the invention and its distinguishing features and advantages will appear when the following specification is read in connection with the accompanying drawing, in which

Fig. 1 is a perspective view of a brief case embodying the invention;

Fig. 2 is an enlarged view of a portion of the case, shown partly in section and illustrating certain features;

Fig. 3 is an enlarged section taken on the line 3—3 of Fig. 1;

Fig. 4 is an enlarged section showing the securing means of the protector;

Fig. 5 is a view similar to Fig. 3 but showing a modification.

Fig. 6 is a view similar to Fig. 5 but showing a modification;

In the drawing, the brief case selected to illustrate the invention is of the usual construction and is made of leather or other suitable sheet material. The case as shown in the present instance consists of front and rear sections 10 and 11 respectively, and a bellows or gusset structure consisting of the bottom and end sections 12 and 13 respectively, interposing the front and rear sections 10 and 11. The rear section 11 has formed in continuation thereof a closure flap 14 capable of being brought over the front section 10 to close the case. The flap 14 is latched in its closed position by the usual snap latch and straps and buckles as shown. The marginal edge portions at the ends and bottom of the front section 10 and also the rear section 11 are secured to the marginal edge portions of the ends 13 and bottom 12 by means of stitching 15 in order to join the front section 10 and rear section 11 to the ends 13 and bottom 12. The case having the features mentioned is of the usual conventional construction.

In accordance with the invention use is made of a metal protector at the front and rear of the case, so as to extend continuously along the end and bottom edges of the case. The protector at the front and rear is of the same construction and consists of a U-shaped frame 16 which is of cross-sectional rounded channel construction. The frame 16 may be applied or secured in any preferred manner so as to be disposed exteriorly of the end and botom edge portions with the stitching 15 enclosed thereby. The frame having the construction mentioned will provide opposite longitudinal edges 17 which impinge the lapped portions of the case sections, and at the same time crimp said edge portions as shown most clearly in Fig. 3. In this manner each frame will be securely applied. If desired, in order to aid in securing the frame 16 in place, the longitudinal edges 17 thereof may be provided with barbs or pointed projections 18, to impale the edge portions of the case sections, as shown most clearly in Fig. 4. It is to be understood that the stitching 15 may be omitted, and the frame 16 may be relied upon to not only protect the edge portions of the case sections but also to connect them to each other to form the case. A frame 19 similar in construction to the frame 16, but having shorter end portions is applied or secured to the edge portions of the flap 14 to protect the same. The frames 16 and 19 may be chromium or nickel-plated, or may be coated to match the color of the material of the case, to add to the appearance of the case.

As shown in Fig. 3 the opposite longitudinal edges 17 of the frame are offset and bent toward each other in order to effectively impinge the material of the case sections and also to crimp the same to thus effectively retain the frame in place, to prevent the edge portions from slipping out of the frame.

In Fig. 5 there is shown a frame 20 similar to the frame 16, with the exception that the longitudinal edges 21 are not offset with respect to each other. The frame 20 is shown applied to the edge portions of the case sections which are lapped, stitched as at 22, and provided with a filler 23. The stitching 22 occurs along opposite sides of the filler 23 to form a bead which is enclosed by the frame 20. The edges 21 are bent toward each other to impinge the material of the adjacent case sections beyond the bead, and

as a consequence the frame 20 is retained in place while enclosing the bead, it being apparent that the bead within the frame prevents the latter from becoming disengaged from the case.

In Fig. 6 there is shown a construction similar to that shown in Fig. 5, with the exception that the longitudinal edges 21 of the frame 20 are offset and bent toward each other to impinge and crimp the material of the case sections, to thus securely retain the frame 20 in place while enclosing the bead.

I claim:

1. A case constructed of sections of sheet material having lapped end and bottom edge portions secured continuously therealong at the front and rear of the case, and a metal protecting frame of cross-sectionally channel construction applied exteriorly to said edge portions at the front and rear of the case, the opposite longitudinal edges of the frame being offset and bent toward the lapped edge portions of the sections, thus impinging and crimping said edge portions of said sections.

2. A case constructed of sections of sheet material having lapped end and bottom edge portions secured continuously therealong at the front and rear of the case, and a metal protecting frame of cross-sectionally channel construction applied exteriorly to said edge portions at the front and rear of the case, the opposite longitudinal edges of the frame being offset and bent toward the lapped edge portions of the sections, thus impinging and crimping said edge portions of said sections, the opposite longitudinal edges of the frame having means impaling the edge portions of said sections to aid in securing the frame thereto.

3. A case constructed of sheet material and consisting of front, rear, bottom and end sections, a filler, said sections having their edge portions lapped about said filler and joined along the opposite sides of the filler to form a continuous bead at the front and rear of the case, and a metal protecting frame of cross-sectionally channel construction applied exteriorly to the bead at the front and rear of the case, the opposite longitudinal edges of the frame being bent toward each other to impinge the material of the adjacent case sections beyond the bead to thus retain the frame in place and to enclose the bead.

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