July 11, 1950 H. C. BOSTIAN 2,514,834

SPRING CLIP FOR SPECTACLE CASES AND OTHER RECEPTACLES

Filed March 4, 1946

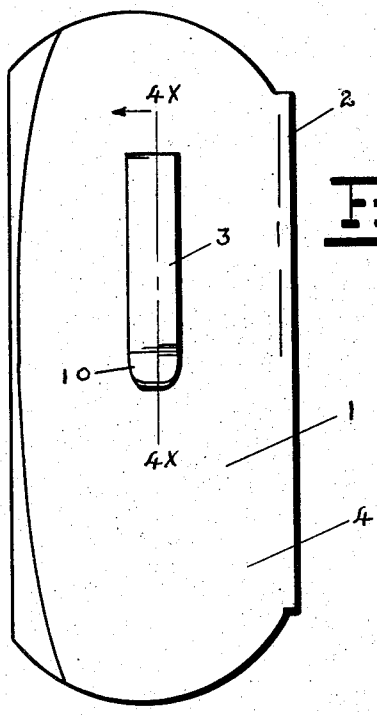


Fig-1

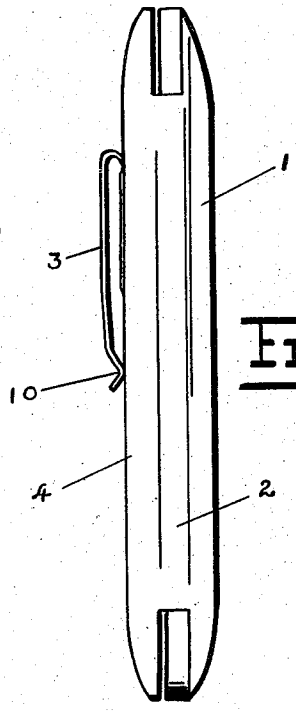


Fig-2

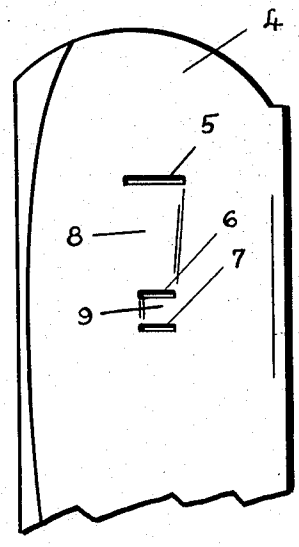


Fig-3

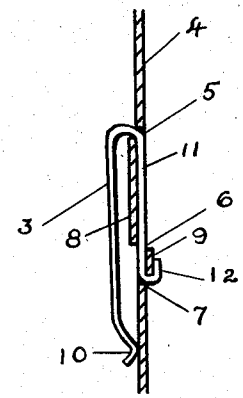


Fig-4

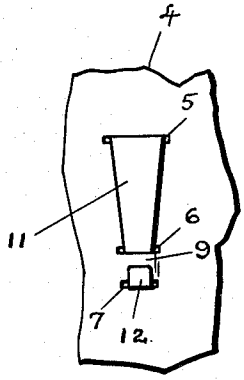


Fig-5

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SPRING CLIP FOR SPECTACLE CASES AND OTHER RECEPTACLES

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3 Claims. (Cl. 24—11)

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Spectacles are in common use and when not in the ordinary use they are generally carried in a case which is placed in a pocket. Frequently the case is carried in a vest pocket or a pocket that it too shallow in which the case will not be securely held.

The object of this invention is to provide such cases with a spring clip which will take hold of the pocket and securely hold the case in the pocket.

Another object of the invention is to provide the case with a spring clip of a particular form which clip is securely fastened in the case in a particular manner so that the clip is firmly held to the case.

Another object of the invention is to provide the case with slots through which the clip extends and to provide the case with bridges between the slots back of and in front of which bridges the back of the clip will be securely held.

This and other objects of the invention will be illustrated in the drawings, described in the specification and pointed out in the claims at the end thereof.

In the drawings:

Figure 1 is a front elevation of the case with my improved clip mounted thereon.

Figure 2 is a side elevation of the case and clip shown in Figure 1 looking at it from the right.

Figure 3 is a front elevation of the case with the clip removed showing the slots in the case and before the clip is put in place.

Figure 4 is a vertical section through the lid or cover on the line 4x, 4x of Figure 1 with the clip in place, the thickness of the parts being exaggerated so that the parts will appear more clearly illustrated.

Figure 5 is a rear elevation of a portion of the inside of the cover and clip as it would appear in looking at Figure 4 from the right.

In the drawings like reference numerals indicate like parts.

In the drawings reference numeral 1 indicates an ordinary spectacle case having a lid that is hinged to the base along the edge 2 shown in Figure 1, 3 indicates a spring clip fastened on the lid 4 of the case although it will be understood that the clip could just as well be attached to the back of the case.

For the purpose of holding the clip in place the lid of the case is slotted with three slots 5, 6 and 7 as shown in Figure 3. As shown in Figure 4 that part 8 of the case that is between the slots 5 and 6 forms a bridge that is sprung outwardly or raised and that part of the case 9 that

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is located between the slots 6 and 7 forms a bridge that is depressed or sprung inwardly, all of which is for a purpose that will presently be described.

The clip 3 is preferably a single piece of spring brass the front end of which has parallel edges and the lower end of which is bent with a shallow reverse curve as indicated at 10 which bears against the lid of the case and holds the front part of the spring out from the case and substantially parallel to it.

The rear portion of the spring 11 is tapered as shown in Figure 5, and is inserted through the slot 5 and passes back of the bridge 8 forming part of the lid of the case, then is inserted through the slots 6 and 7 and passes in front of the bridge 9 also forming part of the lid of the case. The lower end 12 of the clip extends below the bridge 9. That part of the clip that extends below the bridge 9 is then bent up and over into contact with the bridge 9; thus securely fastening the clip to the lid of the case.

For the purpose of bending the end 12 into place under pressure, a small block of metal can be inserted between the front of clip 3 and the case and the upturned end 12 can then be squeezed into place or can be struck with a hammer for the purpose of making it take a firm hold on the bridge 9.

In this way the clip is held against either endwise or lateral movement and becomes for all practical purposes an integral part of the lid of the case.

It will also be noticed that the width or length of the upper bridge is nearly four times as long as the width or length of the lower bridge. This has a distinct purpose. When the clip is put in place, the rear portion or tongue 11 of it is straight, and is easily inserted through the upper slot 5. In order to get the lower end of the part 11 through the second slot 6 it must be sprung into place under the bridge 8. The clip is then pushed down as the lower end of the part 11 passes over the bridge 9. It is then pushed down further until the lower end emerges through the slot 7, after which it is pushed all the way down, until the yoke at the top is engaged in the slot 5. The bridges 8 and 9 and the part 11 spring while this is being done.

When the clip is in its final position it is firmly engaged with the bridges 8 and 9 by its spring effect; so that considerable friction exists between them. Then the lower end is upturned as shown in Figure 12. Because of all this, the clip is all the more firmly and rigidly engaged with the case.

I claim:

1. The combination of a lid for a spectacle case having three parallel slots cut therein, that portion of the case between the first and second slots forming a bridge that is swung outwardly and that portion of the case between the second and third slots forming a bridge that is swung inwardly, a U-shaped clip, the rear portion of which extends through the first and second slots and under the back of the first named bridge and through the third slot and over the front of the second named bridge, the front portion of the clip extending down over the front of the case.

2. The combination of a lid for a spectacle case having three parallel slots cut therein, that portion of the case between the first and second slots forming a bridge that is swung outwardly and that portion of the case between the second and third slots forming a bridge that is swung inwardly, a U-shaped clip, the rear portion of which extends through the first and second slots and under the back of the first named bridge and through the third slot and over the front of the second named bridge, the front portion of the clip extending down over the front of the case, the lower end of the back of the clip being turned up and over the back of the second bridge.

3. A lid for a spectacle case having two transverse parallel slots therein placed in line with each other forming a bridge between them, a U-shaped clip having one side outside of the case and having the other side inserted endwise through the first slot and under the bridge and concealed thereby and out through the second slot and exposed on the outside of the case below the bridge and the second slot, said bridge being offset forward from the surrounding lid.

HOMER C. BOSTIAN.

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