C. G. ALDRICH.

EYEGLASS HOLDER.

APPLICATION FILED AUG. 9, 1913.

1,259,706. Patented Mar. 19, 1918.

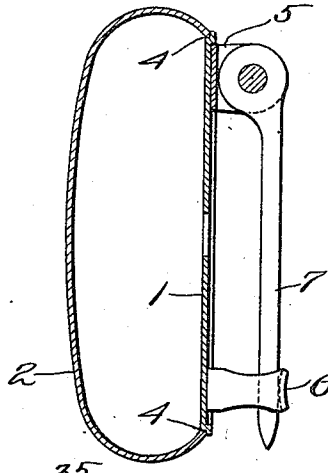


Fig. 1.

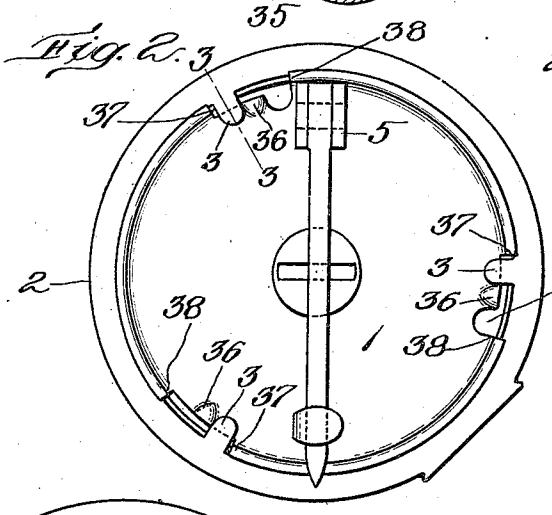


Fig. 2.

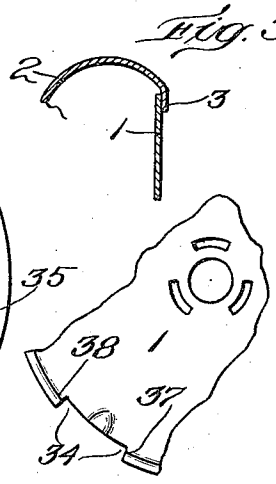


Fig. 3.

Fig. 4.

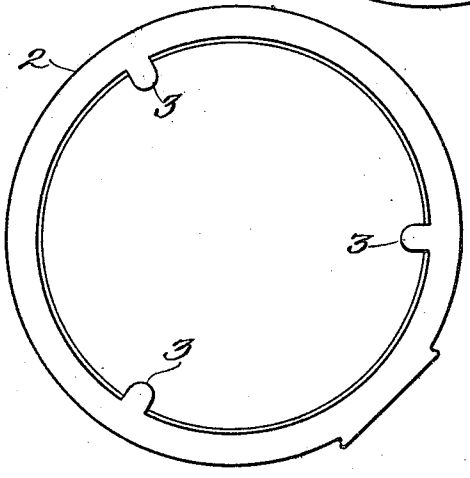


Fig. 5.

Inventor:
Carl G. Aldrich,
by Arthur C. Pendall
Atty.

SACKETT & WILHELMS CO. N.Y.

UNITED STATES PATENT OFFICE.

CARL G. ALDRICH, OF SOMERVILLE, MASSACHUSETTS.

EYEGLASS-HOLDER.

1,259,706. Specification of Letters Patent. Patented Mar. 19, 1918.

Application filed August 9, 1913. Serial No. 783,907.

To all whom it may concern:

Be it known that I, CARL G. ALDRICH, a citizen of the United States, residing at Somerville, in the county of Middlesex and State of Massachusetts, have invented certain new and useful Improvements in Eyeglass-Holders, of which the following is a specification.

My invention relates to eye-glass holders and particularly to eye-glass holders of that class which comprise a casing inclosing a spring actuated reel to which is connected one end of a cord or chain whose opposite end extends through an opening in the casing to the outside of the latter where it is connected with the frame of the eye-glass, the casing being provided upon its back with means for attachment to the garment of the user so as to hold the eye-glass in a convenient position for use.

The casing of a holder of this kind ordinarily comprises two parts made from sheet metal, one a back or base section provided on its outer side with a pin for attachment to the garment of the user, and the other a reel-inclosing cover section detachably secured to the back section. Heretofore these two parts have been secured together by means of a plurality of lugs provided on the chime or edge of the cover which were bent down over the edge of the back and in order to get at the reel mechanism to repair or adjust it, it was necessary to bend these lugs outward to remove the cover from the back on which latter it is customary to mount the reel mechanism, and to bend these lugs back into place again when the cover was replaced. As a result the repeated flexing of the lugs frequently caused them to break off thereby rendering the cover unfit for further use. The reel mechanism of a holder of this kind includes a small frail spring whose life is usually not as long as that of the other parts and consequently it is sometimes necessary to substitute a new spring for a broken one several times during the life of a holder, so that it was some times necessary to open a casing several times with the result that it was frequently necessary to substitute a new cover. This breaking of the cover lugs was a feature of the constructions heretofore proposed which was very objectionable, particularly when the casing was made of valuable sheet metal like gold. My invention aims to obviate this objection and to this end I provide a simple and inexpensive separable coupling joint for the cover and back which, in the best form of my invention, consists of a plurality of lugs on the cover adapted to overlie the edge of the back section which later is provided with one or more notches or lug-passageways at its edge adapted to be brought into register with one or more of the lugs on the cover by relative rotative movement of the cover and back thereby permitting the removal of the cover without requiring the lugs of the latter to be bent out of their normal holding positions. In connection with this peculiar connecting means I preferably also provide means to lock the cover and back against accidental rotative displacement when occupying their assembled relation.

In the accompanying drawings:

Figure 1 is a central vertical sectional view on an enlarged scale, of the casing of an eye-glass holder embodying one form of my invention.

Fig. 2 is a rear elevation of the casing shown in Fig. 1.

Fig. 3 is a section on line 3—3 of Fig. 2.

Fig. 4 shows a portion of the back of the casing.

Fig. 5 is a rear elevation of the cover of the casing.

In the accompanying drawings 1 represents the back section of the casing and 2 the cover. The cover 2 is a cup shaped affair made from sheet metal and provided at its edge or chime with a plurality of inwardly projecting lugs 3 which overlie the edge of the back 1 and serve to hold the two parts of the casing together. The back 1 is made with a plurality of notches 34 some of which are formed with a gate 35, a boss 36 about midway of the length of the notch 34 and two stop shoulders 37 and 38. When the cover and back occupy their assembled relation the lugs 3 extend through the notches 34 into positions behind the back 1 with the stops 37 holding the lugs against movement in one direction and the bosses 36 holding said lugs against movement in the opposite direction. The bosses 36 normally occupy positions between the lugs 3 and gates 35 and when it is desired to remove the cover 2 the cover is grasped by one hand and the back by the other and the two are forcibly rotated in a direction to slide the lugs up and over the bosses 36, the lugs being of thin sheet metal are suffi-

ciently resilient to do this. When thus carried over the bosses the lugs are brought against the stops 38 where they are in position to pass through the gates 35. Herein I have shown three lugs and two gates and when two of the lugs have been passed through the gates the back 1 can be moved sidewise sufficiently to clear the other lug. On its inner face the back 1 is made with an annular shoulder 4 which fits within the mouth of cover 2 and holds the two parts against sidewise relative movement. On its outer side back 1 has secured to it a yoke 5 and a hook 6, one end of a pin 7 being pivotally mounted within the yoke and adapted to engage with the hook 6 in the usual fashion.

What I claim is:

1. A casing of the kind described made in two parts comprising a back and a cover, one of said parts being made with a resilient lug overlapping the edge of the other part to hold the two parts together, and the other part having an extended notch along its edge with a stop shoulder at one end of said notch and a gateway to permit passage of said lug adjacent the other end of said notch, there being a boss formed on said last mentioned part intermediate said shoulder and gateway over which the resilient lug is adapted to be forcibly passed in either direction for the purpose stated.

2. A casing of the kind described made in two parts, comprising a back and cover, one of said parts being made with a lug overlapping the edge of the other part to hold the parts together, the other part having an extended notch along its edge with a stop shoulder at one end of said notch, a gate to permit passage of said lug adjacent the other end thereof, there being a boss formed on said other member intermediate said shoulder and gate adapted to permit said lug to be forcibly pressed thereover in either direction for the purpose stated.

In testimony whereof I have affixed my signature in presence of two witnesses.

CARL G. ALDRICH.

Witnesses:
GEORGE A. ROCKWELL,
ARTHUR F. RANDALL.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."