

(No Model.)

W. MACK.
EYEGLASS HOLDER.

No. 535,450.

Patented Mar. 12, 1895.

Fig: 1.

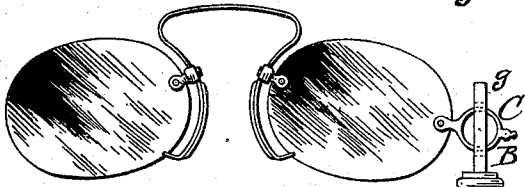


Fig: 2.

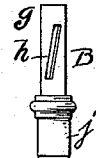


Fig: 3.

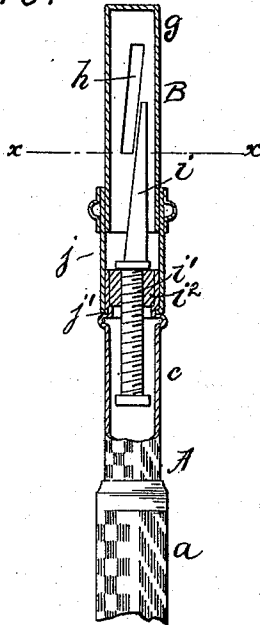


Fig: 7.

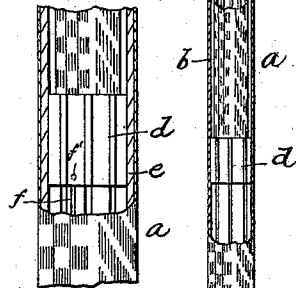


Fig: 4. B

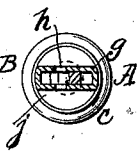


Fig: 5

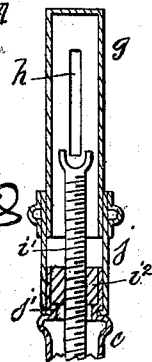
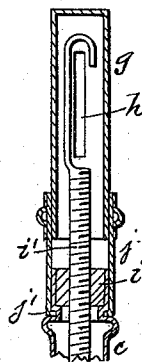


Fig: 6.



WITNESSES:

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WILLIAM MACK, OF TERRE HAUTE, INDIANA.

EYEGLASS-HOLDER.

SPECIFICATION forming part of Letters Patent No. 535,450, dated March 12, 1895.

Application filed July 24, 1894. Serial No. 518,457. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM MACK, a citizen of the United States, and a resident of Terre Haute, in the county of Vigo and State of Indiana, have invented certain new and useful Improvements in Eyeglass-Holders, of which the following is a specification.

The object of my invention is to provide means whereby ordinary eye-glasses may be either worn upon the nose or held up to the eyes by a detachable holder which serves to obviate the fatigue and the awkward and inconvenient positions of the arm and body incident to the act of holding eye-glasses temporarily up to the eyes by the hands alone, as the users of such glasses often find it expedient and desirable to do.

My invention is designed to engage with the small clip attached to one of the lenses or to the lens frames of ordinary eye-glasses, whatever the size or shape of said clip, and it is made in sections preferably telescopic which may be extended to suit the position of the user and to adapt it to be folded into small compass for convenience in carrying when not in use; and it may also be constructed to hold the eye-glasses at an appropriate slant according as to whether the user desires to elevate or lower the direction or angle of vision.

In the accompanying drawings to which reference is made—Figure 1 is a front elevation of my invention, showing a double extension holder with eye-glasses attached. Fig. 2 is a sectional elevation of the holder showing means for locking the sections thereof to prevent one section from sliding or turning within the other. Fig. 3 is an enlarged sectional elevation showing a single extension holder and the preferred construction of the eye-glass clasp. Fig. 4 is a sectional plan view taken on line *xx* of Fig. 3. Figs. 5 and 6 show modifications of the clasp and Fig. 7 is an enlarged view of the central portion of the holder.

The eye-glass holder comprises a sectional extensible handle *A* and an eye-glass clasp *B*, secured to the upper or smaller end of the handle and designed to grasp and hold the clip *C* of any eye-glass. The handle is by preference composed of telescopic sections, *a* and *c*, or *a b c*, one sliding within the other,

and I prefer to employ three sections though only two may be used as shown in Fig. 3. To prevent the sections from sliding too freely one within the other I provide the inner end of each inner section with a suitable friction piece or collar, *d*, which bears against the interior of its surrounding sections, or against an inner tube *e*, as shown in Fig. 7; and to prevent one section from turning axially within the other the said friction collars are corrugated and the ribs thereof mesh in corresponding grooves formed in the inner tube *e*, which is correspondingly corrugated as shown in Fig. 7; or in place of corrugations the said inner tube may be slotted as shown at *f*, and the sliding sections provided with a pin *f'*, to slide in said slot and thus prevent rotation and at the same time permit the free longitudinal movement of the sections.

The eye-glass clamp in its preferred construction consists of a clasp *g* recessed to receive the eye-glass clip and a movable jaw arranged to engage the clip when placed in the recess. The clasp *g* is by preference diagonally recessed as shown at *h* to hold the eye-glasses at an angle, and the holding jaw *i* engages with the eye-glass clip in the recess by a longitudinal movement imparted to it by turning the handle *A*. In the form shown in Figs. 1, 2, 3 and 4, the jaw *i* is shaped to impinge against the side of the eye-glass clip and bind it against the side of the recess, the said jaw being formed as a part of a screw *i'*, which passes through a nut *i''*, secured in the end of the smaller section. In the construction shown in Fig. 5 the jaw is adapted to impinge against the lower edge of the clip, while in Fig. 6 it is adapted to engage with the upper edge of the clip. The clasp *g* is by preference hollow to inclose the jaw, and is swiveled to the section *c* by a short tube or sleeve *j*, the lower end of which is crimped into a groove as shown at *j'* formed near the end of the section *c*.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. As a new article of manufacture a detachable eye-glass holder, comprising a handle, a clasp swiveled thereto and slotted at its sides and a longitudinally movable jaw working in said clasp for holding the eye-

glass clip in said slots substantially as described.

2. As a new article of manufacture a detachable eye-glass holder, comprising a handle, a clasp swiveled thereto slotted at its sides and a longitudinally movable jaw working in said clasp adjacent to the said slots for holding the eye-glass clip in said slots substantially as described.

3. In a detachable eye-glass holder the section *c* provided at its outer end with a screw nut *i*² and a rotatory sleeve *j*, in combination with a hollow and flat clasp *g*, slotted at its

sides and secured to the sleeve *j* and a longitudinally movable jaw operated by said nut *i*² for holding the eye-glass clip in the said slots substantially as described.

4. As a new article of manufacture a detachable eye-glass holder, provided with a diagonally recessed clasp for holding eye-glasses at an angle, substantially as described.

WILLIAM MACK.

Witnesses:

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