

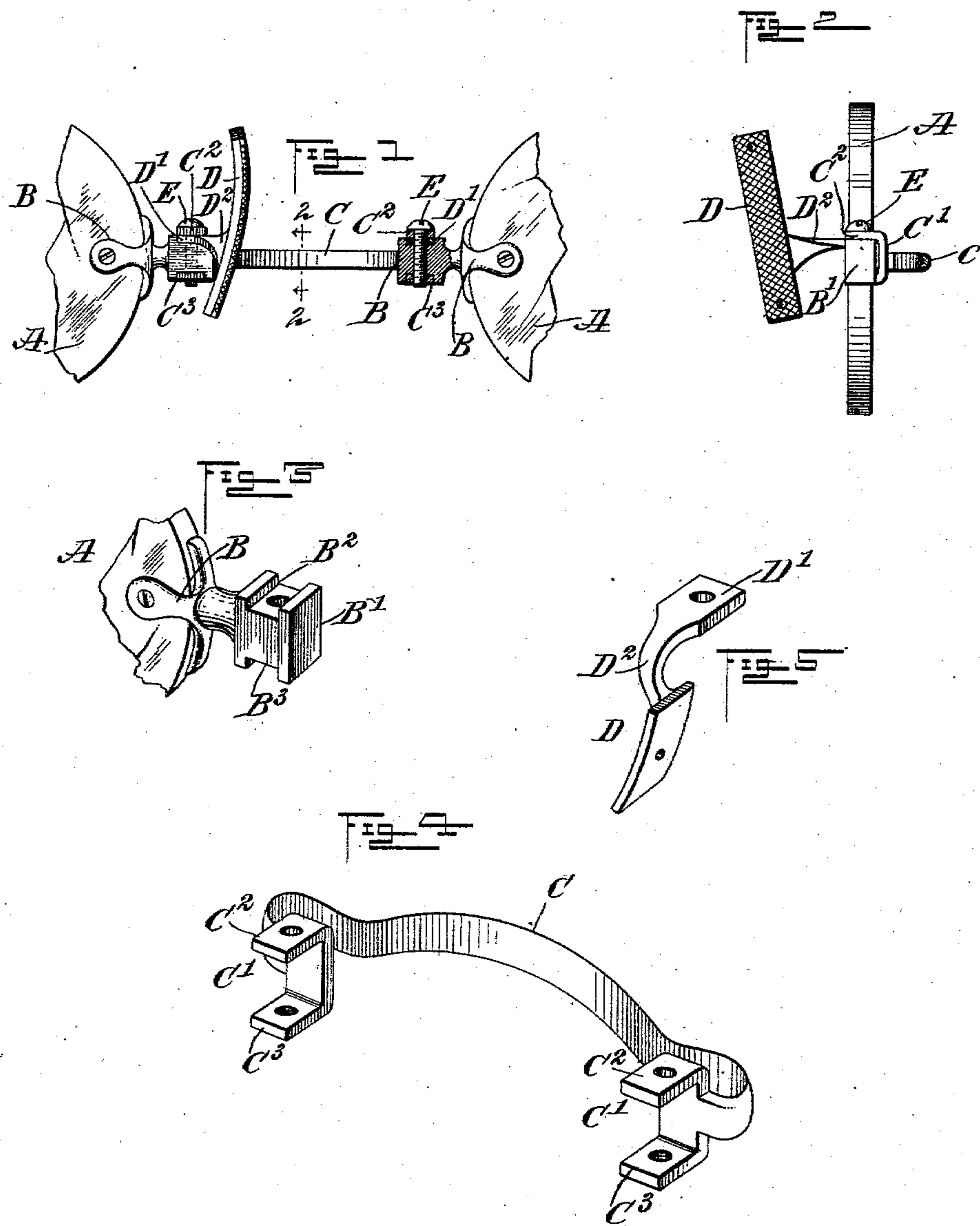
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PATENTED NOV. 10, 1903.

W. H. WEASER.
EYEGLASSES.

APPLICATION FILED JULY 9, 1903.

NO MODEL.



WITNESSES:

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EYEGLASSES.

SPECIFICATION forming part of Letters Patent No. 743,962, dated November 10, 1903.

Application filed July 9, 1903. Serial No. 164,822. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM HENRY WEASER, a citizen of the United States, and a resident of Pittsfield, in the county of Berkshire and State of Massachusetts, have invented new and useful Improvements in Eyeglasses, of which the following is a full, clear, and exact description.

The object of the invention is to provide new and improved eyeglasses arranged to insure a firm connection between the bow-spring, the nose-guards, and the studs; to prevent loosening of the bow-spring or nose-guards, and to allow of adjusting the lenses up or down relative to the nose-guards.

The invention consists of novel features and parts and combinations of the same, as will be more fully described hereinafter and then pointed out in the claims.

A practical embodiment of the invention is represented in the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the views.

Figure 1 is a rear elevation of the improvement, parts being in section. Fig. 2 is a cross-section of the same on the line 2 2 of Fig. 1. Fig. 3 is a perspective view of the stud on a lens. Fig. 4 is a perspective view of the bow-spring, and Fig. 5 is a perspective view of the nose-guard arm.

On the lenses A A are secured in the usual manner studs B B, connected with each other at their heads B' by a bow-spring C, the studs also supporting a nose-guard D, as hereinafter more fully described.

Each head B' of a stud B is formed with a top recess B² and a similar recess B³ at the bottom, the recesses extending transversely, as plainly shown in Fig. 3. One of the recesses (as shown in Figs. 1 and 2 the top recess B²) receives the correspondingly-shaped terminal D' of the arm D² of the nose-guard D, while the other or bottom recess B³ is engaged by the correspondingly-shaped bottom member C³ of a U-shaped clip C', extending transversely on the corresponding end of the bow-spring C. The top member C² of the clip C' fits the outer face of the terminal D', and a screw E serves to fasten the several parts together at each head B'—that is, the screw extends vertically, preferably from the

top downward, and passes through the members C² C³ of the clip C', the terminal D', and the head B' at the recesses B² B³.

As shown in Figs. 1 and 2, the head of the screw E abuts against the top member C² of the clip C' and the threaded end of the screw screws in the threaded bottom member C³ of the clip; but it is evident that this may be reversed and the screw placed in position from the bottom upward to screw in the member C², and, if desired, other fastening devices may be employed.

It is understood that by the arrangement described the bow-spring C has the clips C' integral at its ends and extending in a transverse direction, and the middle portion of each clip abuts against the outer face of the head B' to insure a very firm connection between the head and the clip. If desired, one of the recesses may be made sufficiently deep to receive both the terminal D' and the corresponding clip member C² or C³.

In order to raise the lenses A A relative to the nose-guards D, the terminals D' are engaged with the bottom recesses B³ of the heads B', and the top members C² of the clips C then fit the top recesses B², while the bottom clip members C³ fit against the outer faces of the terminals D'. In all cases, however, the clips C' of the bow-spring engage the heads B' in a transverse direction, and the terminals D' of the nose-guards likewise extend in a transverse direction; but the terminals may engage with either the top recess B² or the bottom recess B³, according to the position the lenses A are to occupy relative to the nose-guards D.

It is expressly understood that the screws E fasten the several parts to the heads B' in a direction transverse to the axis of the studs B, as will be readily understood from the above description and as shown in the drawings.

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

1. In eyeglasses, the combination with the lenses and the studs thereon, of a bow-spring having top and bottom connections with the heads of said studs, and nose-guards clamped by the ends of said spring upon said studs, as set forth.

2. In eyeglasses, the combination with the lenses and studs thereon, of a bow-spring, top and bottom connections between the ends of the bow-spring and the studs, nose-guards 5 clamped upon the heads of the studs by the ends of the bow-spring, and fastening devices for connecting the ends of the springs and bow-pieces together in a direction transverse to the axes of the studs, as set forth.
- 10 3. Eyeglasses having studs, nose-guards, a bow-spring provided at its ends with transversely-extending clips, and fastening-screws disposed vertically for fastening the nose-guards and clips in position on the corresponding studs, as set forth.
- 15 4. Eyeglasses provided with studs having heads recessed on the top and bottom in a transverse direction, nose-guards having arms provided with terminals fitting one of the recesses, a bow-spring having transverse clips 20 at its ends, each clip having one member fitting the other recess and the other member fitting the outside of the said terminal, and fastening devices for fastening the clips and terminals to the said heads, as set forth.
- 25 5. Eyeglasses provided with studs having heads recessed on the top and bottom in a transverse direction, nose-guards having arms provided with terminals fitting one of the recesses, a bow-spring having transverse clips at its ends, each clip having one member fitting the other recess and the other member fitting the outside of the said terminal, and fastening devices for fastening the clips and terminals to the said heads, the said fastening devices consisting of screws extending vertically through the said terminals, the heads and the members of the clips, as set forth.
- 35 6. Eyeglasses provided with a bow-spring having horizontally-disposed U-shaped bends at its ends, and vertically-disposed U-shaped clips at the inner terminations of said bends.
- 40 7. Eyeglasses provided with a bow-spring having at its ends clips, each clip comprising a central section and spaced parallel sections extending rearwardly therefrom.
- 45 8. Eyeglasses provided with lenses, and studs, each stud having a head provided with recesses on its top and bottom faces.
- 50 9. Eyeglasses provided with lenses, and studs, each stud having a head recessed at the top and bottom and apertured in a vertical direction through the recessed portions, as set forth.
- 55 In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.
- WILLIAM HENRY WEASER.
- Witnesses:
GEORGE BARKER,
EVERETT A. CLARK.