

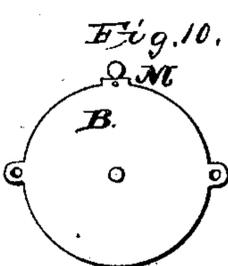
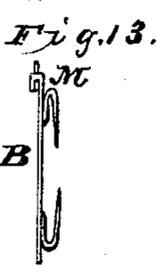
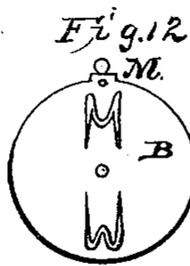
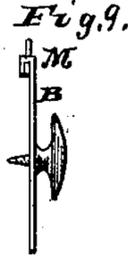
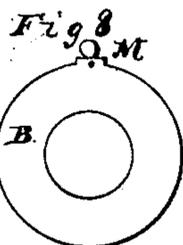
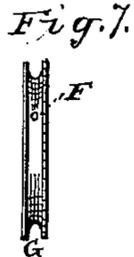
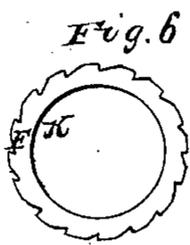
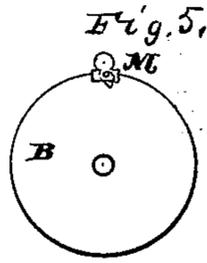
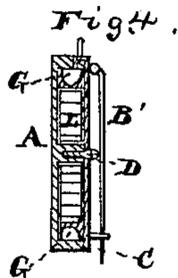
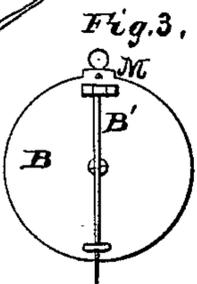
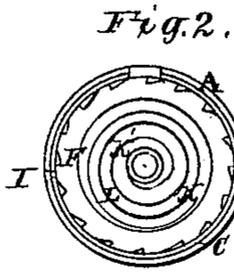
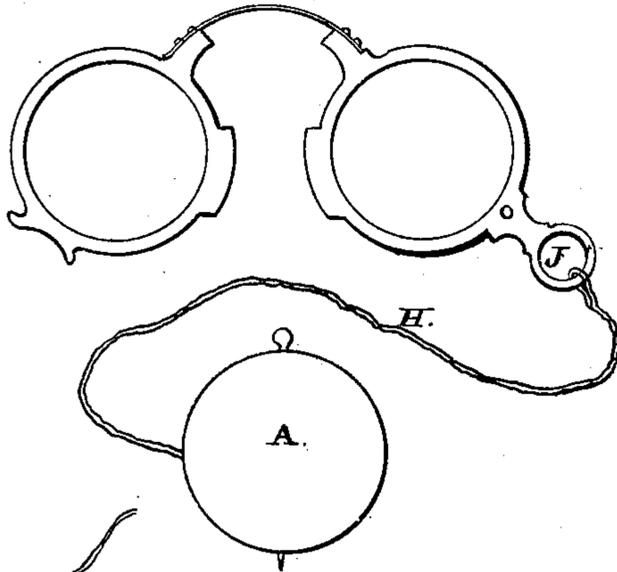
A. W. Roberts,

Eye-Glass Holder,

No 79,394,

Patented June 30, 1868.

Fig. 1.



Witnesses.

N. C. Wilder
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Inventor

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United States Patent Office.

ALBERT W. ROBERTS, OF HARTFORD, CONNECTICUT.

Letters Patent No. 79,394, dated June 30, 1868.

IMPROVEMENT IN DEVICES FOR SECURING EYE-GLASSES.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, ALBERT W. ROBERTS, of the city and county of Hartford, and State of Connecticut, have invented a certain new and useful Improvement in Device for Securing Eye-Glasses to wearing-apparel; and to enable others skilled in the art to make and use the same, I will proceed to describe by referring to the drawings, in which the same letters indicate like parts in each of the figures.

The nature of this invention will be understood from the specification and drawings.

The object desired to be attained thereby is to secure the glasses to the garment, so that they may be conveniently placed upon the face or nose, and when not wanted for use, the tape or cord will be taken up to prevent them from dangling about the person, whereby they would be liable to be broken or detached.

In the accompanying drawings—

Figure 1 is a front view of the device.

Figure 2 is a back side view of a spring, reel, and case.

Figure 3 is a back side view of a plate, pin, and catch.

Figure 4 is a section of the device.

Figure 5 is an inside view of the plate and catch.

Figure 6 is a side view of the reel, having notches on its edge.

Figure 7 is a face view of the reel.

Figure 8 is a back plate, showing how a button may be attached for securing it to a button-hole of a garment.

Figure 9 is an edge view of the same.

Figure 10 is a view of the back plate, showing how ears may be attached for sewing it to a garment.

Figure 11 is an edge view of the same.

Figure 12 is a view of the back plate, showing how hooks may be attached for hooking it to a garment.

Figure 13 is an edge view of the same.

In the manufacture of this device, I construct the case of metal, or any other suitable material, and of any desired form or shape.

A is the case. B is a plate, fitted into the back side of the case, taking its bearing on the shoulder C formed in the edge of the case. The plate B is fastened to the case A by a screw, D, which passes through the centre of the plate B, and is screwed into the hub E, which is in or near the centre of the case A. On the back side of the plate B is a pin, B', attached in the usual way, so that the fixture may be fastened to the garment at any desired point. Between the plates of the case A and the plate B, is a reel, F. On the outer periphery of this reel is a groove, G, to receive the tape or cord H, one end being fastened to the reel F at F'; the other end thereof passes through a hole, I, in the case, and attached to the eye-glasses J. Inside of the reel F is a hook, K, on which one end of the spring L is fastened. The other end of said spring is attached to the hub E, which also has a hook, K'. On one edge of the flange of the reel F is a ratchet, cut to receive the pawl or catch M, which is attached to a projecting edge of the plate B, and the lower end made to fit the ratchet.

The operation of this device is as follows: The device is fastened to the garment by hooking, sewing, buttoning, or a pin very much like those used on breast-pins; the outer end of the cord or tape being attached to the eye-glasses, and the device being attached in any suitable way to the garment. When it is desirable to use the glasses, the cord is pulled out of the case the required distance, and the spring or catch is moved up into the notches of the reel, (the reel will be held in a fixed position,) and when it is desirable to wind up the cord, the catch is released from the ratchet, and the spring actuates the reel to wind up the cord or tape.

The advantage of this invention is to prevent the glasses being scratched when carried in the pocket; to do away with the necessity of a case, in which to carry the glasses; to prevent losing the glasses by laying them down and leaving them unnoticed, and provide a ready means of using the glasses when dressed with a heavy over-garment.

I believe I have thus shown the nature, construction, and advantage of this invention, so as to enable others skilled to make and use the same therefrom.

I claim as a new article of manufacture—

The combination of the case and pin B B', spring and ratchet-reel L E, pawl and tape M H, or their mechanical equivalents, for fastening eye-glasses to a garment, substantially as described.

A. W. ROBERTS.

Witnesses:

N. C. WILDER,

J. W. BLISS.