April 14, 1925. 1,533,190

J. JIRASEK

EAR CLIP FOR EYEGLASSES

Filed Sept. 19, 1923

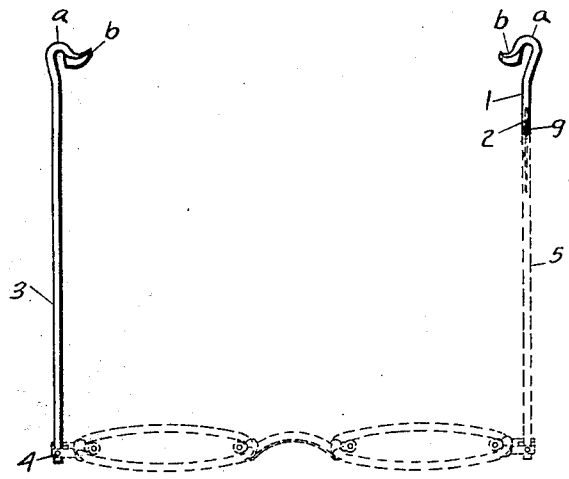


Fig. 1

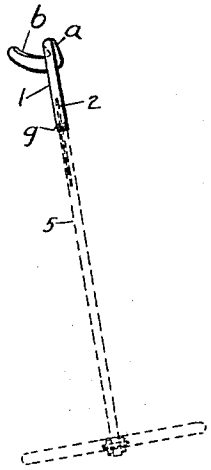


Fig. 2

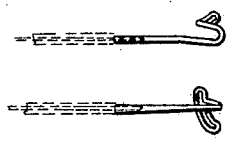


Fig. 4

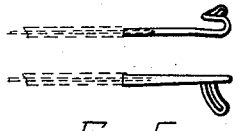


Fig. 5

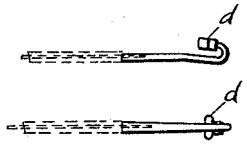
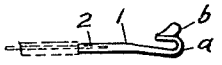


Fig. 6



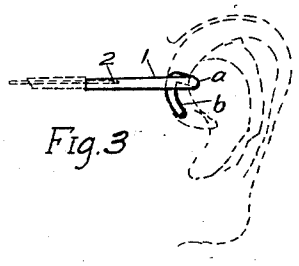


Fig. 3

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UNITED STATES PATENT OFFICE.

JOHN JIRASEK, OF DETROIT, MICHIGAN.

EAR CLIP FOR EYEGLASSES.

Application filed September 19, 1923. Serial No. 663,543.

To all whom it may concern:

Be it known that I, JOHN JIRASEK, a citizen of the United States of America, residing in the city of Detroit, county of Wayne, State of Michigan, have invented certain new and useful Improvements in an Ear Clip for Eyeglasses, and declare the following to be a full, clear, and exact description of the same, such as will enable others skilled in the art to which it pertains to make and use the same, reference being had to the accompanying drawings, which form a part of these specifications.

The object of my invention is to produce an ear clip that can be used in combination with eye glasses, for attaching same to the ear of the wearer.

Another object is to produce an ear clip that can be attached to the retaining bows of the glasses, and that will hook into the front fold of the ear of the wearer, near the top of the ear, for holding the glasses in place, instead of the long bows that pass over and behind the ear as is now in common use.

A further object is to provide an ear clip that is simple in construction, easily attached to the ear of the wearer, efficient in its purpose and can be manufactured at a low cost.

These several objects are secured in the preferred form by the construction more fully hereinafter set forth.

Similar parts on all drawings are marked by similar numerals.

Fig. 1, shows a pair of eye glasses with special ear clips attached thereto, illustrating the full length bow with the ear clip made thereon, also a section bow with the ear clip attached to the outer end thereof, and further illustrated by showing a connecting glasses chain used in the place of the section bow, for connecting the clip to the glasses.

Fig. 2, is a side view of the clip and glasses attached.

Fig. 3, is also a side view of the ear clip showing how the ear clip attaches to the front fold of the top section of the ear of the wearer.

Figs. 4 and 5, are views of alternate forms of clips, being bent and formed of a single piece of wire, instead of shaped from a single bar.

Fig. 6, is also an alternate form of clip, using a flattened ball on the end of the retaining hook of the clip, instead of the curved arm as shown in the other views.

I will now describe more fully the detailed construction of my ear clip, referring to the drawings and the marks thereon.

The general construction of my ear clip consists of a hooked ear stem, either attached to, or made a part of the retaining bow of the eye glasses, for hooking into the front fold in the top section of the ear of the wearer, and is provided with a projecting part on the end of the hook for retaining the hook within the fold of the ear. The present form of retaining bow for eye glasses is bent over and behind the ear, and which tends to irritate the ear by pressure from the bow.

The clip —1— is made of a flat bar, either of metal or celluloid, formed into a hooked end —*a*—, having a curved side arm —*b*— extending from one side of the hook. The hook —*a*— is made very short and closed nearly to the stem of the bar —1—, leaving only sufficient opening therein to hook over and receive the front fold of the ear as shown in Fig. 3. The length of the hook —*a*— being sufficient to extend to the bottom of the ear fold, and is terminated by the curved arm —*b*—, formed to fit the natural curve of the ear fold, for distributing the pressure caused by the attached eye glasses and for retaining the clip in place. The clip may be made of any suitable material that can be formed into the required shapes, and is suitable for use with eye glasses. The clip —1— is attached to the bow—5— of the glasses by means of the connecting wire —2—. The clip may, also, be made a part of the bow, both being formed of one piece, as illustrated by the bow —3— in Fig. 1, and the bow clip —3— being attached directly to the glasses by the pivot —4—. The exact form or curves of the hooks on my ear clip may be varied, but my invention relates to any hooked clip attached to eye glasses which engage the front fold in the top section of the ear of the wearer, having means for retaining the said hook within the fold of the ear. The ear clip may also be formed with a small hole —*g*— in the end of the stem for attaching the guard chain —6— therein, to be used instead of the ordinary bow for retaining the eye-glasses in place, the bow —5— being omitted if the chain is used.

Alternate forms of the ear clip are illus-

trated in Figs. 4 and 5, each having a similar formation with the hook and the extended side arm combined, and are formed from a single piece of wire. The exact shape or curve in the hook or retaining arm is not material as long as it fits the natural curve of the ear and is operative for the purpose for which it is designed.

Fig. 6 also shows an alternate form of ear clip, being shaped of wire into a hook and terminating in a flattened ball —*d*— on the extreme end of the hook wire for retaining the clip within the fold of the ear.

Having fully described my ear clip, what I claim as my invention and desire to secure by Letters Patent is:

1. An ear clip for eye glasses adapted to be attached to the ends of the retaining bows of the glasses, comprising a short ear stem, means for attaching same to the bow of the glasses, hooked means on the end of the stem for engaging the front fold in the top section of the ear of the wearer, and means for retaining said hook within the fold of the ear.

2. An ear clip adapted to be attached to the retaining bows of eye glasses, comprising a short ear stem, means for attaching said stem to the bows of the glasses, a hook on the outer end of said stem to engage the front fold of the ear of the wearer, and a curved arm projecting from the side of the hook to fit the natural curve of the ear and to retain the clip therein.

3. An ear clip adapted for use in holding eye glasses in place on the wearer, comprising a short ear stem, a hook formed on the outer end of said stem for engaging the front fold of the ear of the wearer, means for retaining said clip hook within the fold of the ear, and means for connecting said ear clip to the eye glasses.

In witness whereof I sign these specifications.

JOHN JIRASEK.