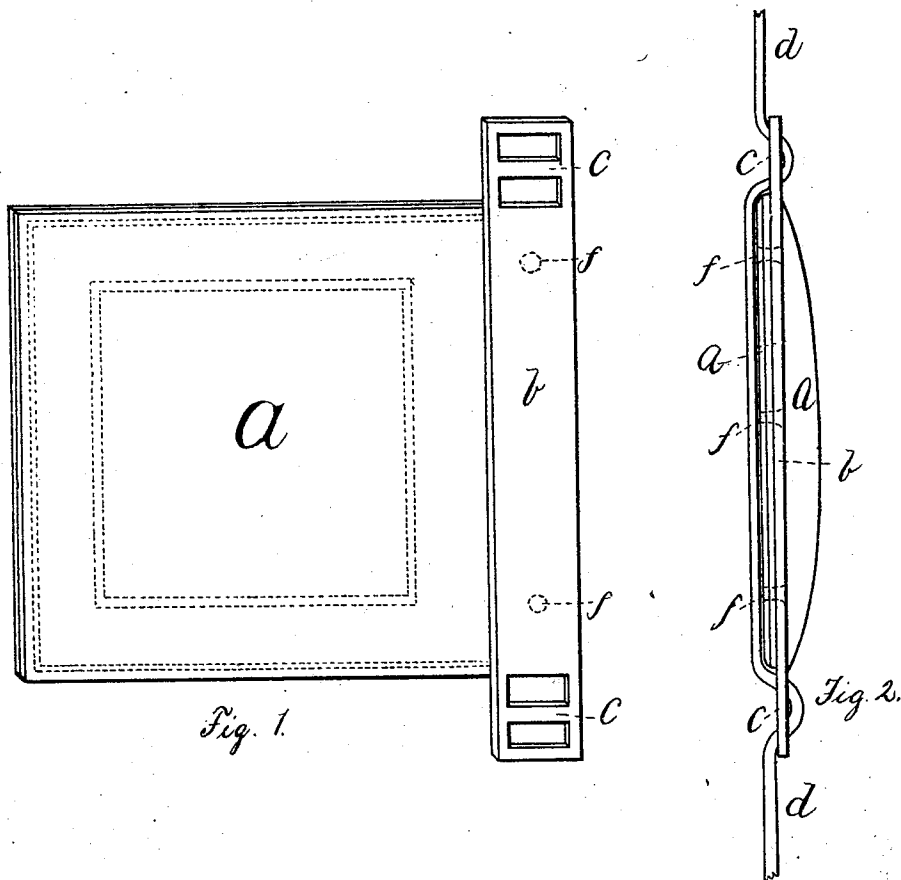


J. PATTERSON, Jr.
Bridle-Blinds.

No. 145,233.

Patented Dec. 2, 1873.



Witness
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Inventor
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UNITED STATES PATENT OFFICE.

JAMES PATTERSON, JR., OF BANGOR, MAINE.

IMPROVEMENT IN BRIDLE-BLINDS.

Specification forming part of Letters Patent No. **145,233**, dated December 2, 1873; application filed May 27, 1873.

To all whom it may concern:

Be it known that I, JAMES PATTERSON, Jr., of Bangor, in the county of Penobscot and State of Maine, have invented certain new and useful Improvements in Bridle Blinds or Winkers; and I do hereby declare that the following is a full, clear, and exact description thereof, that will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings and to the letters of reference marked thereon, which form a part of this specification, in which—

Figure 1 shows a plan, and Fig. 2 an edge view, of my device.

Same letters show like parts.

My invention consists of an attachment to the blind or winker of a bridle, by means of which it may be readily and easily attached to the cheek-strap. By my device I avoid the use of the loop, and economize in the length of material for the cheek-strap, as well as save much time and labor.

Referring to the drawing, *a* shows a winker or blind, to which is attached, at *b*, a metallic plate, by rivets *f*. This plate is provided with loops *c c* at each end, through which passes the cheek-strap *d*, as shown in Fig. 2. The plate *b* and its loops *c c* may be modified as taste may dictate; but I think that the form of loop shown in the drawing will be found preferable in practice, as it enables the blind to be adjusted and held at any required height on the strap by simply sliding it up or down. This feature of adjustability allows the upper

end *e* of the cheek-strap to be sewed to the crown-piece, the joint being concealed by the rosette commonly used. The lower part of the strap may be attached to the bit in any convenient manner.

Blinds or winkers are now manufactured in quantities for supplying harness-makers. They can be furnished with my invention ready attached at a small advance, and thus save much labor. Hard or vulcanized rubber may, perhaps, be substituted for the metal plate, but this I should regard as a mere equivalent.

I do not claim a metallic cheek-strap, as shown in the patent of J. C. Baxter, issued October 29, 1867. My device is attached to and forms a portion of the winker, and a leather cheek-strap separate from the blind is used, upon which the winker as improved is adjustable, so as to be raised or lowered, as herein set forth and described.

What I claim as my invention, and desire to secure by Letters Patent, is—

In combination with a blind or winker, the metallic plate *b*, having loops *c c* therein, through which the cheek-strap passes, said blind being adjustable upon the cheek-straps, as herein described and shown.

In testimony that I claim the foregoing I have hereunto set my hand this 24th day of May, 1873.

JAMES PATTERSON, JR.

Witnesses:

W. E. BROWN,

WM. FRANKLIN SEAVEY.