

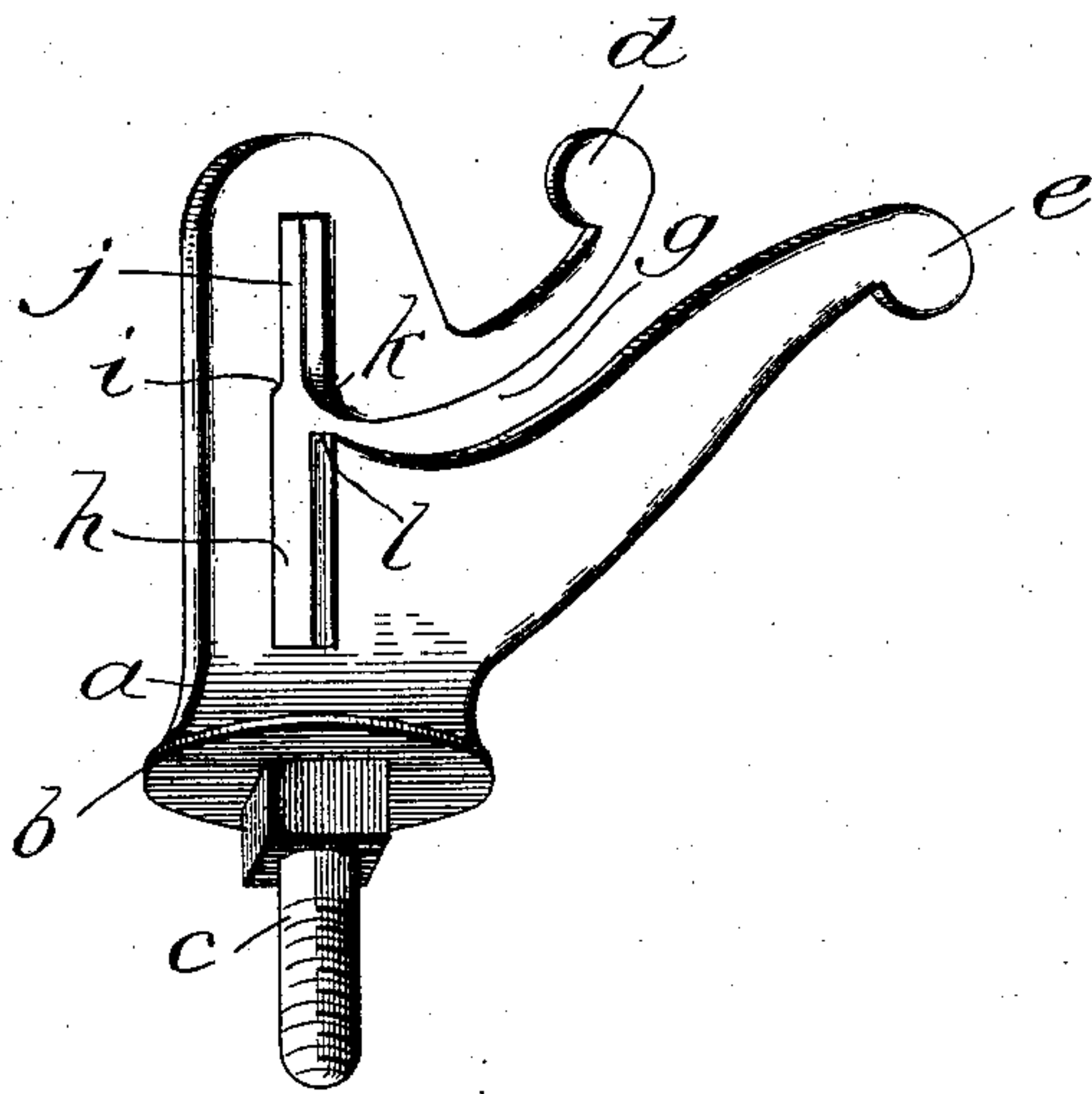
No. 741,619.

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J. G. BOWLES.
REIN HOLDER.

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NO MODEL.



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UNITED STATES PATENT OFFICE.

JOHN G. BOWLES, OF CHICAGO, ILLINOIS.

REIN-HOLDER.

SPECIFICATION forming part of Letters Patent No. 741,619, dated October 20, 1903.

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To all whom it may concern:

Be it known that I, JOHN G. BOWLES, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Rein-Holders, of which the following is a specification.

My invention relates particularly to rein-holders made in one piece of metal comprising a body portion and rearwardly-extending arms and having a substantially T-shaped slot the stem portion of which is formed by and between such arms and the head portion of which extends perpendicularly and converges therewith, so that the lower perpendicular portion will not permit the rein to pass therefrom directly into the rearwardly-extending slot.

The principal object of my invention is to provide a simple, economical, and efficient rein-holder embodying an improved means for holding a bridle-rein in place in connection with the back-band of a harness, so as to prevent the rein from being turned or twisted while in place in such holder and from being accidentally dislodged.

A further object is to provide a rein-holder made of one piece of metal every part of which is rigid and relatively immovable and having a rein-holding slot portion and a receiving and guiding slot portion so disposed with relation to each other that the rein cannot be passed directly from one to the other and provided with an upper intermediate slot portion converging with both and adapted to receive the rein from the receiving and guiding portion and permit it to pass downward to the main rein-holding portion.

Other and further objects of the invention will appear from an examination of the drawing and the following description and claims.

In the accompanying drawing the figure represents a rein-holder constructed in accordance with my improvements.

In constructing my improved rein-holder I provide a main vertically-disposed body portion *a*, having a base *b* and a screw-stud *c*, extending downward from such base and adapted to be secured to the back-band of a harness. Integral guide-arms *d* and *e* extend rearwardly and upwardly from the vertically-disposed main body portion, so as to form be-

tween them the receiving and guiding portion of a T-shaped slot *g*, which serves to receive the rein and retain it securely in position. It is very desirable that the upper end of the vertical portion of the slot be adapted to receive the rein from the rearwardly-extending portion and permit it to be readily passed thereto and therefrom and that the lower vertical portion be adapted to receive the rein from the upper vertical portion, but not directly from the rearwardly-extending portion. To accomplish this, the rearwardly-extending portion, or at least the upper wall thereof, should extend upward at an obtuse angle with relation to the upper vertical slot portion where it converges therewith, and the lower wall of such rearwardly-extending slot portion should extend at an acute, or at least an abrupt, angle with relation to the lower vertical portion. The lower vertical portion *h* of this T-shaped slot, which is in the main body portion of the rein-holder, is therefore so disposed as to extend downward from the receiving guiding portion at an abrupt angle with relation thereto at the point of convergence, and the lower rearwardly-extending arm is provided with a shoulder *i* at the point where the receiving portion of the slot and the downwardly-extending portion converge. This arrangement of the parts prevents the rein when in position from escaping or being in any way forced from the downwardly-extending rein-holding slot portion directly into the receiving and guiding slot portion, such downwardly-extending slot portion being at an angle to the receiving portion and sufficiently narrow to prevent the turning of the rein therein when in place. In order to permit the rein to be passed into the lower or main rein-holding portion of the slot, the upper vertical portion *j* of such slot is arranged directly over the lower vertical portion, so as to converge with it and with the rearwardly-extending portion, but at an angle to the latter, and the upper arm is cut away at the point of convergence of such slot portions, so that the upper wall of the rearwardly-extending slot portion thus formed extends upwardly gradually at an incline toward the upper vertical portion. By this arrangement it will be readily seen that the rein may be placed in the receiving guiding portion and

readily passed therefrom into the upper vertical portion, but cannot be passed directly into the lower main rein-holding portion, and that it cannot possibly escape directly from such lower perpendicular portion into the receiving guiding portion, but must first be raised into the upper vertical slot and then removed through the rearwardly-extending receiving portion. I prefer to make the vertical slot portion slightly narrower than the lower or main rein-holding portion, so as to form a shoulder *i*, which will more securely prevent the rein from escaping or being accidentally raised into the upper slot portion. Thus the rear slot, or the upper wall at least of the rearwardly-extending slot portion, extends upwardly at an incline toward the vertically-disposed slot portion at the point of conjunction therewith, so that while the rein may be readily inserted into the upper vertical portion from the receiving guiding portion and from there to the lower vertical portion it can neither be inserted nor removed directly to or from such lower main rein-holding portion, and therefore cannot possibly be accidentally dislodged therefrom. The upper and lower vertically-disposed portions of the slot are both made narrower than the distance from the extreme end of either to the point of conjunction with the rearwardly-extending receiving and guiding portion, so that the rein cannot twist while therein, and the receiving slot portion gradually expands toward its open end, so as to permit the rein to be readily inserted therein.

I claim—

1. As a new article of manufacture, a rein-holder provided with a slot comprising upper and lower converging vertical slot portions, and a rearwardly-extending converging slot portion having an upper wall extending downward and rearward at an incline at the point of convergence with the upper slot portion and having a lower wall extending at an abrupt angle with relation to the lower vertical

slot portion and forming a shoulder at the point of convergence therewith for preventing a rein from passing from the lower vertical slot portion directly into the rearwardly-extending slot portion, substantially as described.

2. As a new article of manufacture, a rein-holder provided with a slot comprising upper and lower converging slot portions each narrower than the distance from the point of convergence to the extreme end thereof, and a rearwardly-extending converging slot portion having an upper wall extending downward and rearward from the upper vertical slot portion at an incline at the point of convergence therewith and having a lower wall extending at an abrupt angle with relation to the lower vertical slot portion forming a shoulder at the point of convergence therewith for preventing a rein from passing from such lower slot portion directly into the rearwardly-extending portion, substantially as described.

3. As a new article of manufacture, a rein-holder having an upright main body portion and rearwardly-extending arms and provided with a substantially T-shaped slot comprising upper and lower vertical converging slot portions and a rearwardly-extending converging slot portion having an upper wall extending downward and rearward at an incline at the point of convergence with the upper vertical portion, and having a lower wall extending at an abrupt angle with relation to the lower vertical slot portion forming a shoulder for preventing the rein from passing from such lower slot portion directly into the rearwardly-extending portion, and a depending screw-stud for attaching such rein-holder to the back of a harness, substantially as described.

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Witnesses:

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