

No. 663,431.

Patented Dec. 11, 1900.

W. GOETZE.  
REIN HOLDER.

(Application filed Mar. 23, 1900.)

(No Model.)

Fig. 1.

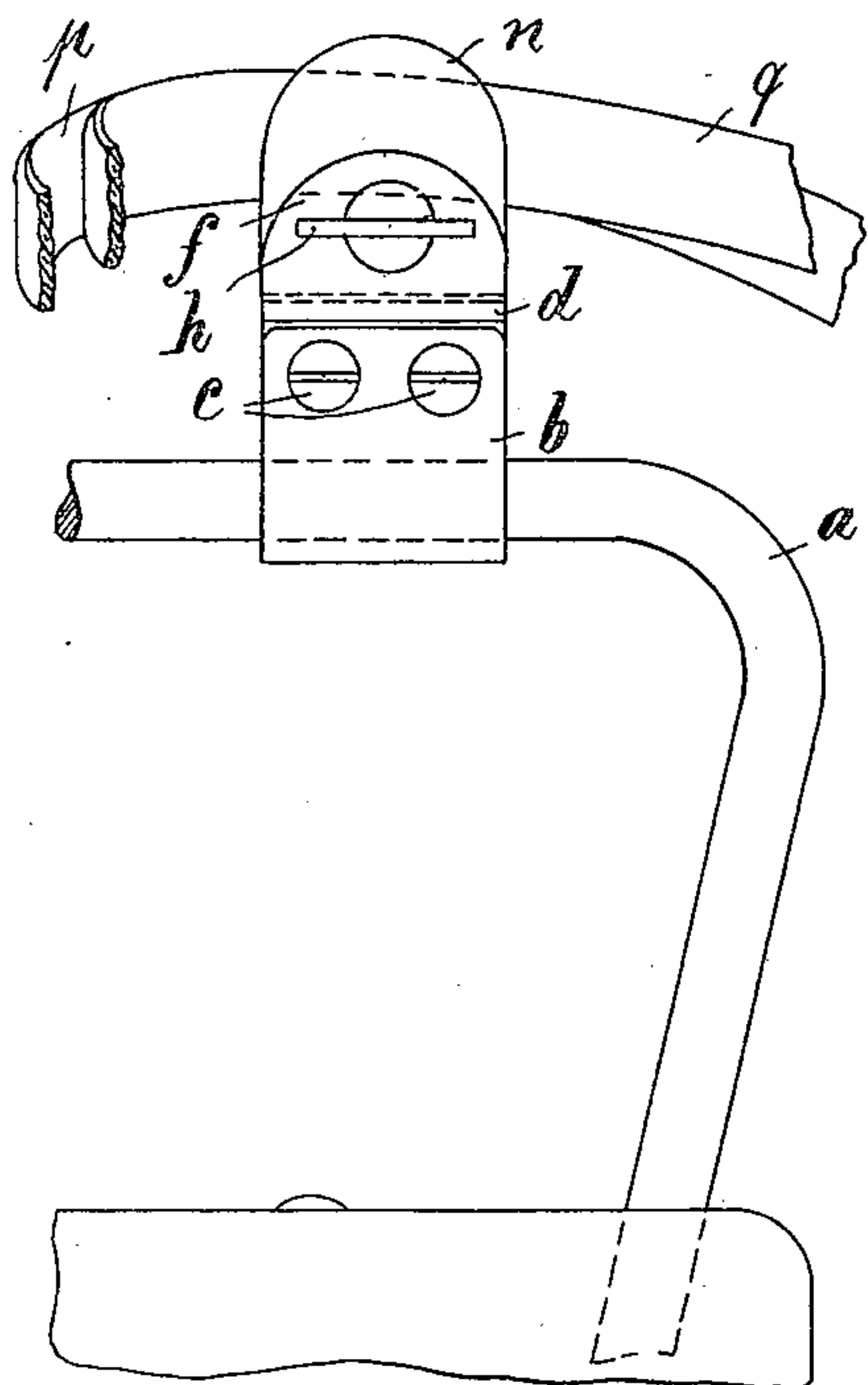


Fig. 2.

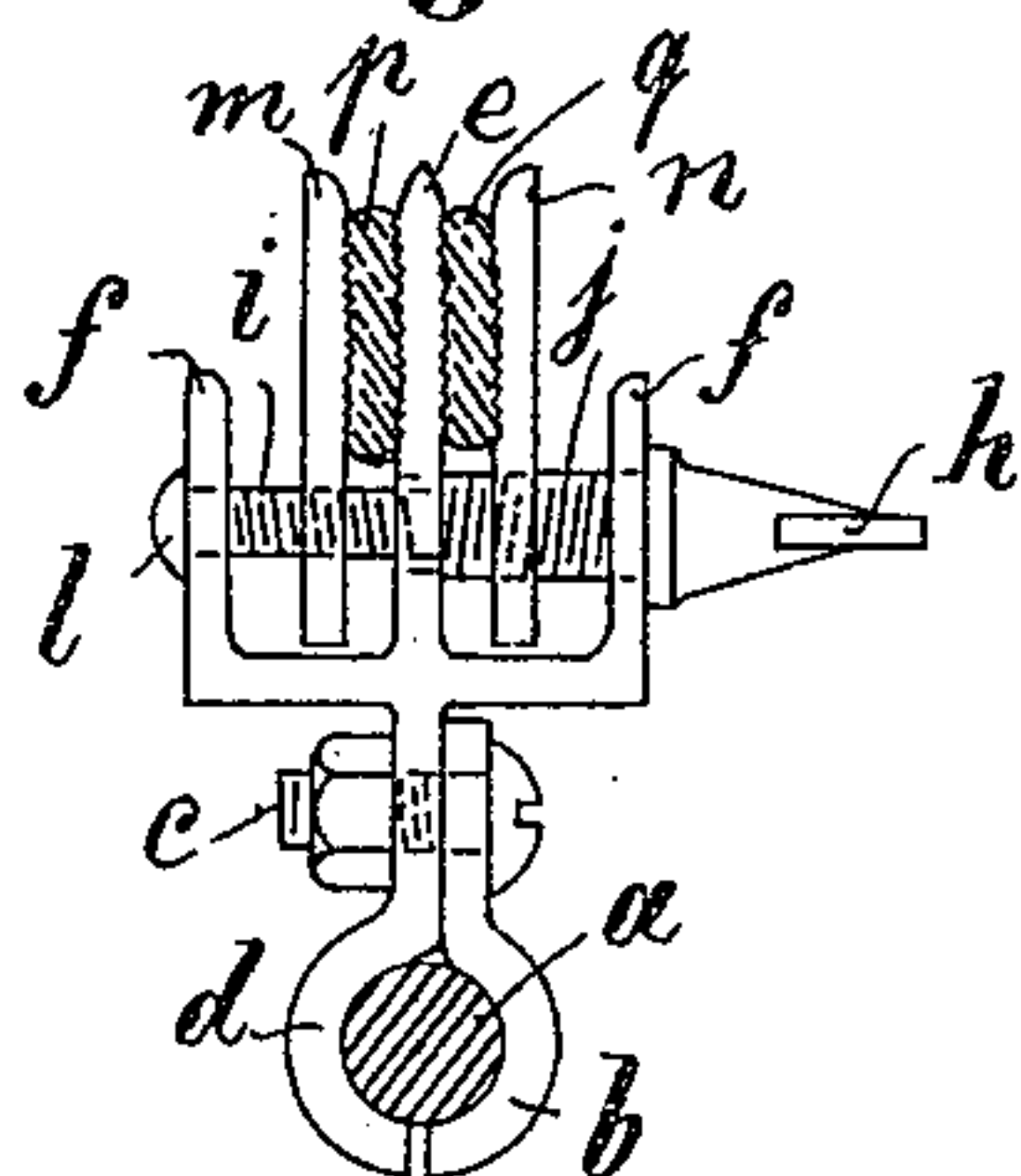


Fig. 4.

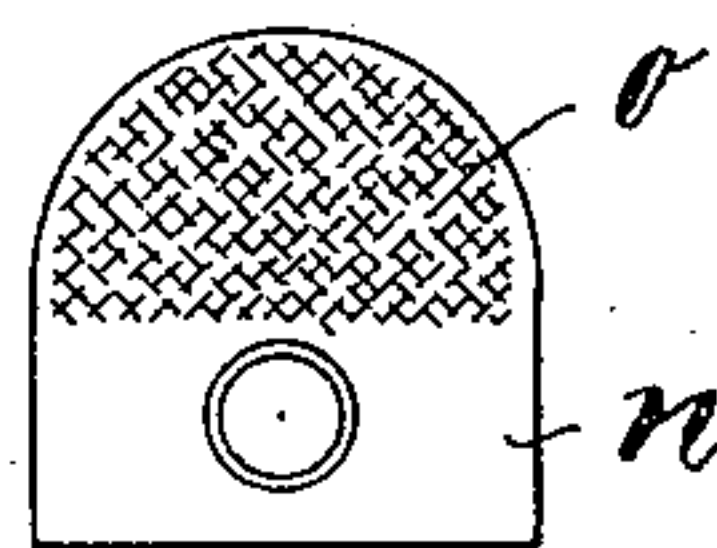
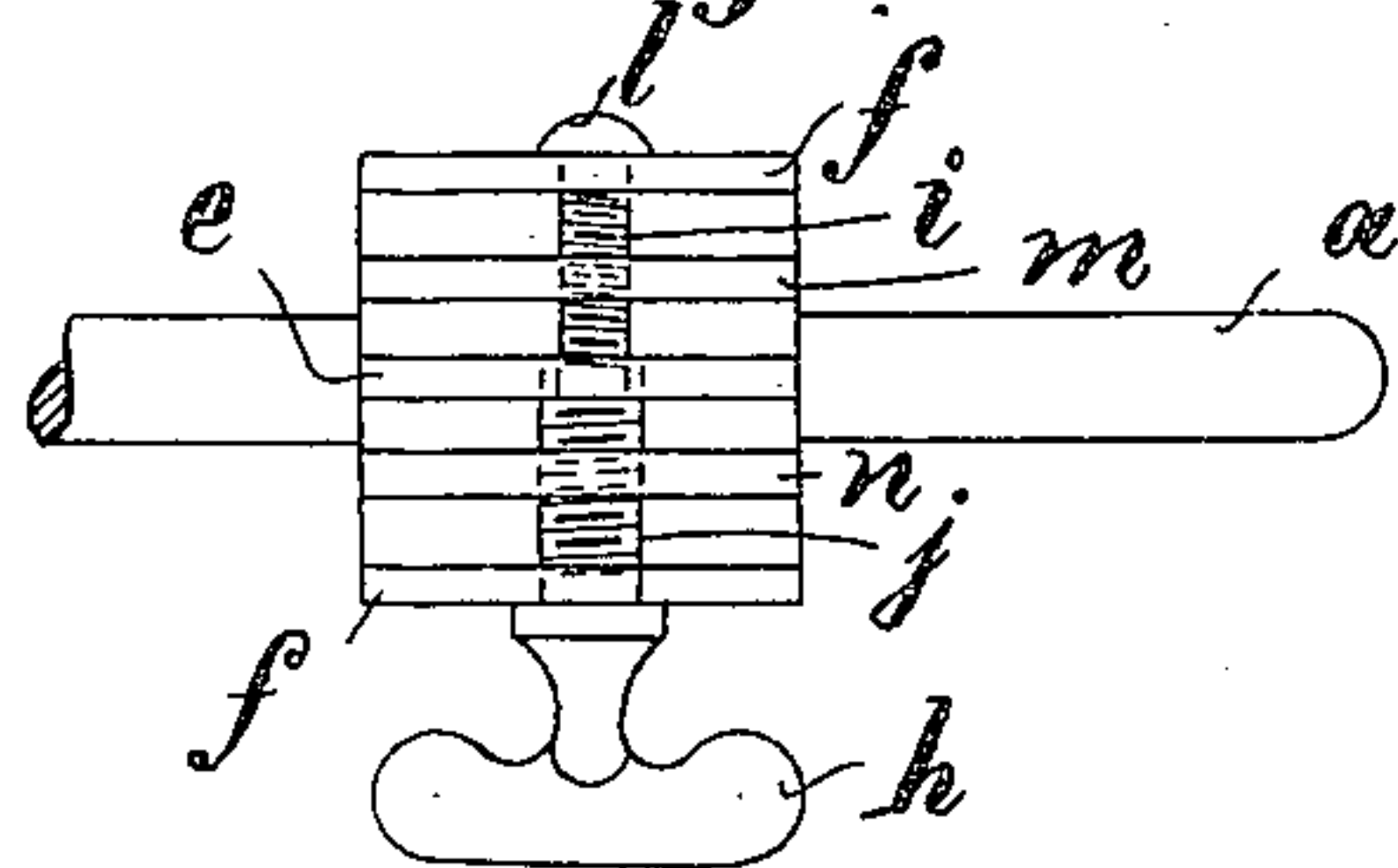



Fig. 3.



Witnesses  
Henry S. Morton.  
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by   
Attorney

# UNITED STATES PATENT OFFICE.

WALTER GOETZE, OF THIERBACH, GERMANY.

## REIN-HOLDER.

SPECIFICATION forming part of Letters Patent No. 663,431, dated December 11, 1900.

Application filed March 23, 1900. Serial No. 9,836. (No model.)

*To all whom it may concern:*

Be it known that I, WALTER GOETZE, landlord, a subject of the German Emperor, residing at Thierbach, near Borna, Kingdom of Saxony, in the Empire of Germany, have invented a new and useful Rein-Holder, of which the following is a specification.

The object of my invention is a holder for receiving the reins when the driver quits the box-seat, and its purpose is to enable the reins to be safely secured with as few manipulations as possible.

This holder consists, essentially, of a fork-like clamp fastened upright on the dashboard or the rail of the driver's box and having a rigid middle plate and two movable side cheeks, which latter can be moved simultaneously nearer to or farther away from the middle rigid plate by means of right and left screw-threads of different diameters operated by turning a handle. This arrangement has the effect that the two reins when held fast do not lie close together, but are separated one from the other between two rough clamping-cheeks. They therefore cannot become loose. The reins are easily introduced from above and fastened by a single turn of the handle of the screw.

The drawings show one form of construction of this clamp or holder, Figure 1 being a side view; Fig. 2, a front view; Fig. 3, a plan view, and Fig. 4 a loose clamp-cheek with view of the clamping-surface.

On the seat-rail *a* of the driver's box the holder *d* may be secured by means of the clamp *b* with screws and nuts *c*. This holder *d* contains the middle rigid clamping-cheek

*e*, roughened on both sides, and the two side cheeks *ff* for the clamping-screw. The latter is provided with a right and left thread on its parts *ij* of different diameter and a thumb-head *h* for turning it. The screw *ij* is provided with an upset head *l*, preventing its removal. On the screw parts *ij*, respectively, there are arranged movably the clamping-cheeks *m n*, provided with suitable threads, so that when the screw is turned either both go nearer to or farther away from the rigid clamping-cheek *e*. The clamping-cheeks *m n*, as well as the clamping-cheek *e*, are rough on the surface at *o*, Fig. 4. On quitting the carriage the driver pulls the reins *p q* and puts them from above into the clamp or holder between the rigid clamping-cheek and the two movable clamping-cheeks, as shown in Fig. 2. A short turn of the head *h* of the screw *ij* suffices then to fasten both reins safely, and an equal turn in the opposite direction will set them free again.

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

The combination, in a rein-holder, a single rigid middle clamping-plate, fastened upright upon a suitable support, two movable clamping-cheeks and a screw or worm having right and left handed threads for simultaneously moving the said clamping-cheeks toward or from the said central plate.

Signed this 7th day of March, 1900, at Leipzig, Germany.

WALTER GOETZE.

Witnesses:

RUDOLPH FRICKE,  
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