

(No Model.)

C. E. VON SCHWARZ.
DEVICE FOR STOPPING HORSES.

No. 273,616.

Patented Mar. 6, 1883.

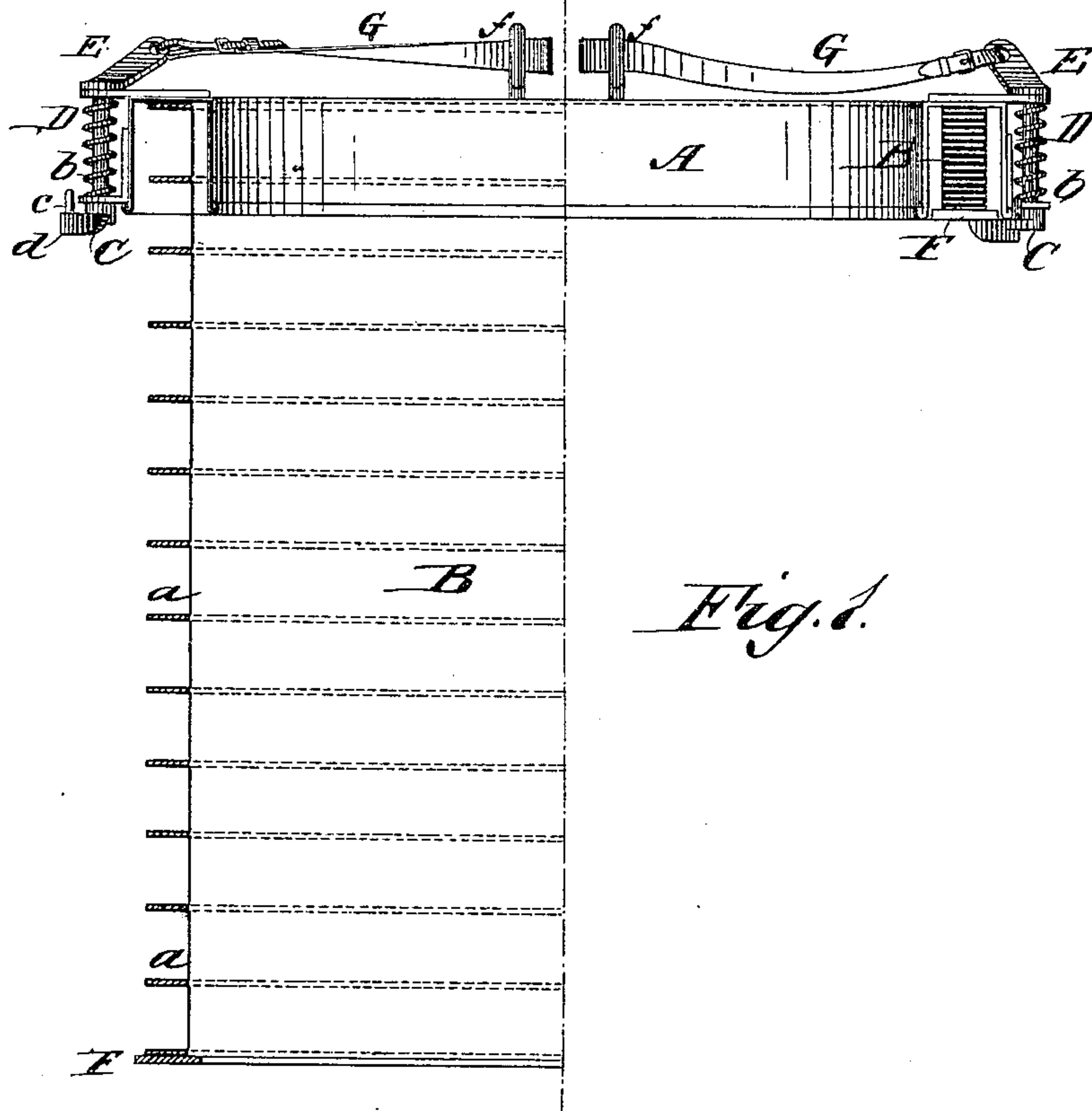
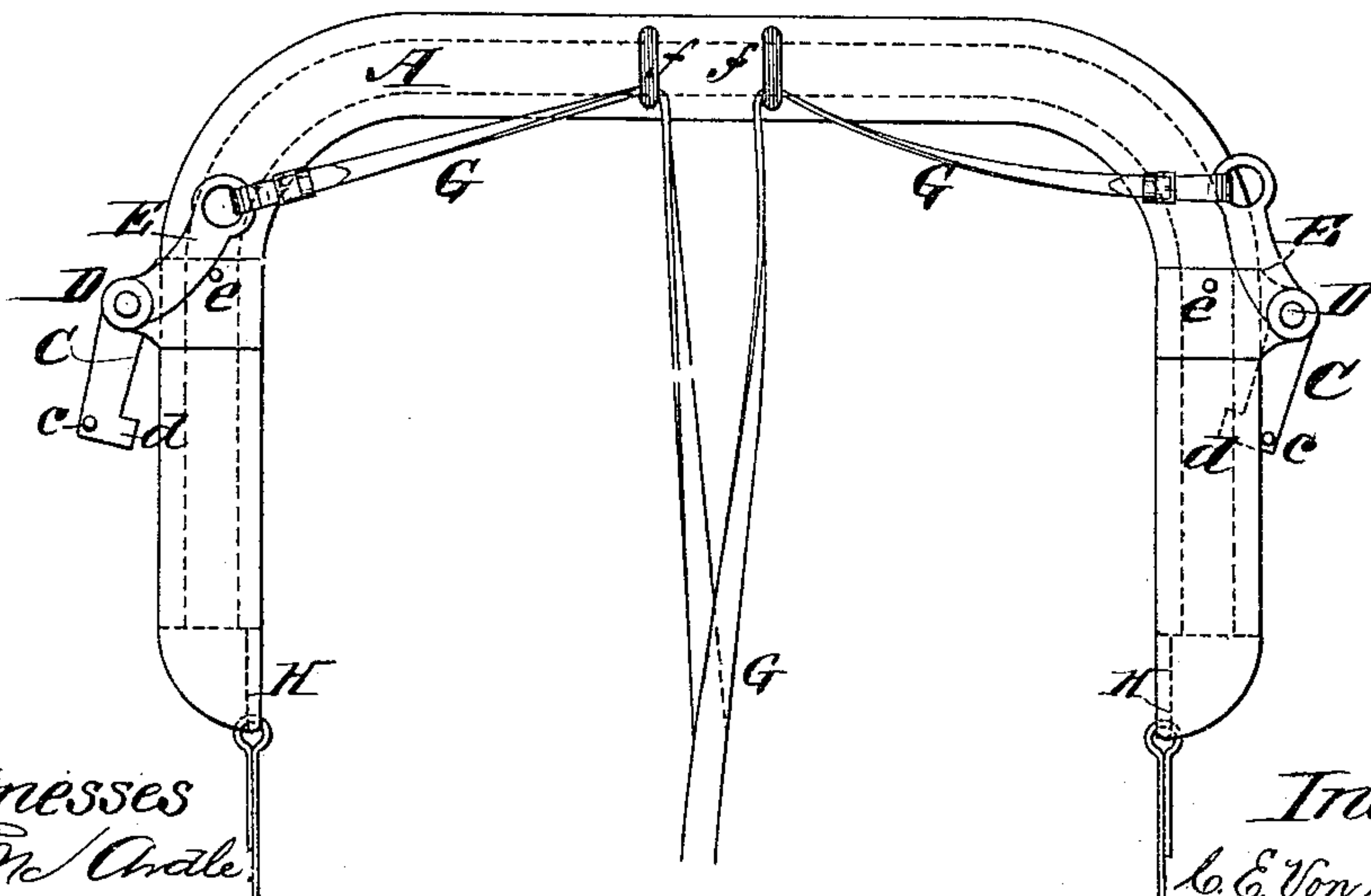


Fig. 1.

Fig. 2.



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UNITED STATES PATENT OFFICE.

CARL E. VON SCHWARZ, OF VIENNA, AUSTRIA-HUNGARY.

DEVICE FOR STOPPING HORSES.

SPECIFICATION forming part of Letters Patent No. 273,616, dated March 6, 1883.

Application filed November 15, 1882. (No model.)

To all whom it may concern:

Be it known that I, CARL EDLER VON SCHWARZ, a subject of Austria-Hungary, residing at the city of Vienna, in the Austro-Hungarian Empire, have invented certain new and useful Improvements in Devices for Stopping Horses; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as 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 letters or figures of reference marked thereon, which form a part of this specification.

15 The object of this invention is to provide an apparatus for stopping or quieting runaway or refractory horses; and it consists in a blinding device for cutting off the light from the animal's eyes, as hereinafter described and claimed.

20 Referring to the drawings, Figure 1 is a rear elevation of the apparatus with the curtain shown down in one half and raised in the other half. Fig. 2 is a plan view.

25 A is a U-shaped frame, whose cross-section is also U-shaped to form a space, in which the blinding-curtain B is contained when drawn up. The curtain B, made of flexible material of any suitable kind, is provided with 30 U-form ribs *a*, which retain it in form when let down and cause the curtain to fold regularly when drawn up into the frame. In this folded condition the curtain is held by two pawls or triggers, C, one at each end of frame 35 A, upon a spindle, D, that is held in flanges on the frame. Around the spindles are spiral springs *b*, that tend to turn the ends *d* of the pawls under the frame, and at the upper ends of the spindles are arms F, having eyes, to 40 which the cords or reins G are connected. The reins pass through rings *f*, and from thence back to a convenient position for being taken hold of by the driver. Pins *c*, taking against frame *a*, limit the inward movement of the

pawls. By this construction, when the blind- 45 er is raised, its ribs *a* push out the pawls C by pressure upon the beveled ends of the ends *d*, and the curtain is held up by the pawls taking beneath the lower rib, F.

H represents a ring at each end of frame A. 50 These rings are each connected with the bridling-ring, connecting its side and front straps, so that the device may be readily attached to or removed from the bridle.

The device being in place, if the horse be- 55 comes unmanageable, the reins G are to be drawn on, and the pawls being thus drawn back the curtain will fall, and thereby cut off the animal's sight and shut out the light with the effect to quiet him. When that end is at- 60 tained the curtain is to be raised in place again.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. In a device for stopping horses, the frame 65 A, carrying the spring-pressed pivoted pawls C C, and U-shaped both transversely and longitudinally, whereby a flexible curtain may be held by the pawls in the cavity formed in the frame, as shown and described. 70

2. The combination of reins G with a frame, 75 A, having the pawls C C constructed with eyes at their rear ends, and the loops *f f*, whereby the pawls may be disconnected from the curtain to allow it to drop, as described.

3. The combination of a flexible curtain hav- 80 ing the end projecting ribs, *a* F, and the frame A, having the spring-pressed pawls C C, whereby the ribs *a* will push the pawls aside as they rise, and the pawls will be forced by their springs under the rib F, so as to hold up the curtain, as described.

In testimony whereof I affix my signature in presence of two witnesses.

CARL EDLER VON SCHWARZ.

Witnesses:

ANTON EDLER VON SCHWARZ,
WILLIAM HÜNING.