

C. KURZ.
Carriage-Curtain Fastener.

No. 159,585.

Patented Feb. 9, 1875.

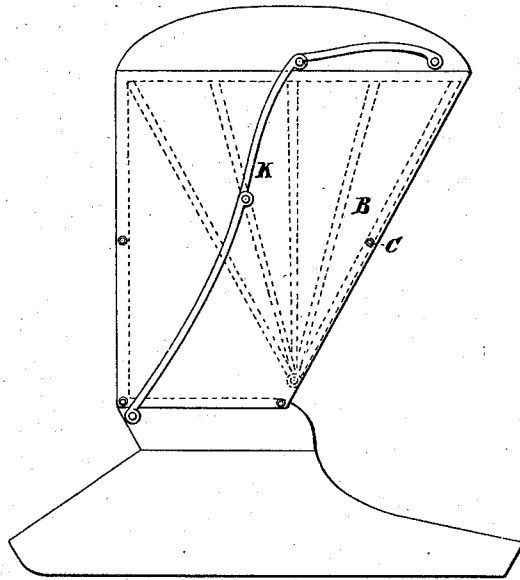


Fig. 1.

Fig. 2.

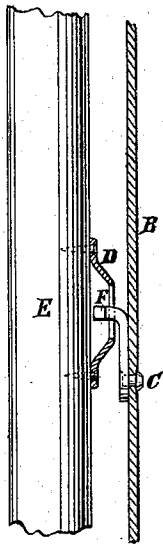


Fig. 3.

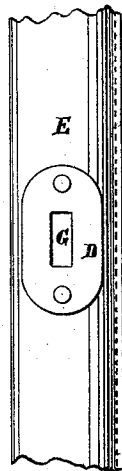
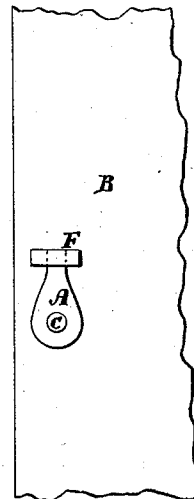


Fig. 4.



WITNESSES:

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A. F. Terry

INVENTOR:

Carl Kurz
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ATTORNEYS.

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Fig. 5.

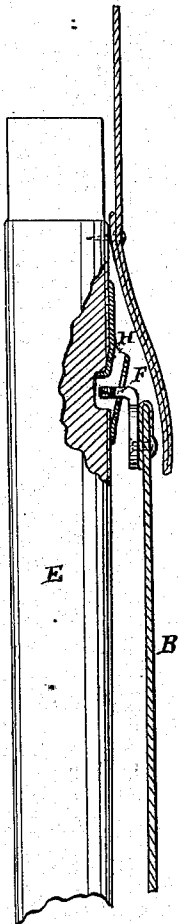


Fig. 6.

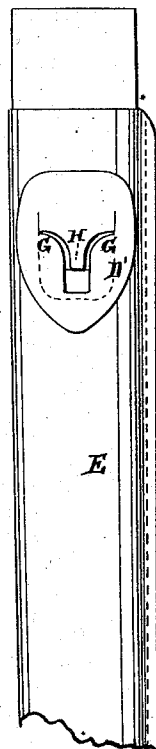


Fig. 7.

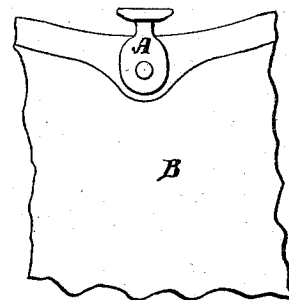
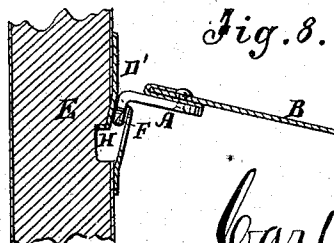


Fig. 8.



WITNESSES:

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UNITED STATES PATENT OFFICE.

CARL KURZ, OF NEW YORK, N. Y.

IMPROVEMENT IN CARRIAGE-CURTAIN FASTENERS.

Specification forming part of Letters Patent No. **159,585**, dated February 9, 1875; application filed December 28, 1874.

To all whom it may concern:

Be it known that I, CARL KURZ, of New York city, in the county and State of New York, have invented a new and Improved Side-Curtain and Apron Fastening for Carriages, of which the following is a specification:

My invention consists of a metal button with a T-head, which is fastened to the inside of the apron or curtain, and a little slotted plate fastened on the bow, with its slot at right angles to the head of the T, so contrived that the slotted plate, which only swells out a little around the slot, does not project like the studs now in use, nor does it show on the outside, as the studs do, and thus is much better, particularly as the present studs are liable to catch and tear the clothes of persons getting in and out of the carriage.

The button-hole plate to be used for the top of the curtain has the upper portion of the slot widened, so that the buttons can drop into it when the button-plate is held up horizontally, and a portion of the button-hole plate above the slot is so contrived that, after the button has been dropped down with the curtain as it hangs, it locks the button, so that it cannot be detached while so hanging, as a protection against accidentally unfastening, while being, at the same time, convenient for fastening and unfastening.

Figure 1 is a side elevation of a buggy top with my improved fastenings for the side curtains. Fig. 2 is a side elevation of a bow, and a section of a portion of a curtain. Fig. 3 is a front elevation of a portion of a bow with the slotted fastening-plate attached to it. Fig. 4 is an inside elevation of a portion of the curtain with the T-headed button fastened to it. Fig. 5 is a section of the button-hole plate for the top of the curtain, and a portion of the bow, showing the button connected. Fig. 6 is a front elevation of a top button-hole plate. Fig. 7 is an elevation of a portion of the top of a curtain with the button for connecting to the top button-hole plate, showing the method of connecting and disconnecting the buttons.

Similar letters of reference indicate corresponding parts.

A is the button, which is fastened to the

curtain B, or apron, or a strap attached to one or the other, say by a rivet, C. D is the slotted button-hole plate, which is fastened to a bow, E, outside for the curtains, and inside for the apron. The button is made of a little plate, adapted to be fastened to the curtain or apron by a rivet, and having its T-head F bent and raised relatively to the other part, so as to be inserted easily in the slot G of the button-hole plate, the portion of the plate surrounding the slot being raised sufficiently above the surface of the bow to allow the requisite space between it and the bow for the head of the button.

The necessary slack in the curtains for turning the button to connect and disconnect it with the button-hole plate can be had readily by bending the joints of the braces K, which extend to the top and hold it up.

D' is the slotted button-hole plate for use at the top of the curtains, the slot of which is branched out each way, as shown at G, to widen it for letting the T-head drop into it vertically, and to form a tongue-piece, H, to obstruct the escape of the button from it when hanging down in the natural position in which it suspends the curtain.

I am aware of the existence of a carriage-curtain fastening in which slotted plates attached to the curtain are employed in connection with pivoted buttons, which are passed through the plates, and then turned to secure the curtain.

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

1. The fastening for carriage curtains and aprons, consisting of T-headed buttons A, in combination with the curtain or apron, and slotted and outwardly-swelled plates D, and the bows, substantially as specified.

2. The button-hole plate for the top of the curtain, having the slot for the button widened at the upper end, and also having the locking-tongue H, in combination with the bent T-headed button A, substantially as specified.

CARL KURZ.

Witnesses:

T. B. MOSHER,
ALEX. F. ROBERTS.