

(No Model.)

C. C. FORNCROOK.

SEAT FASTENER.

No. 317,985.

Patented May 19, 1885.

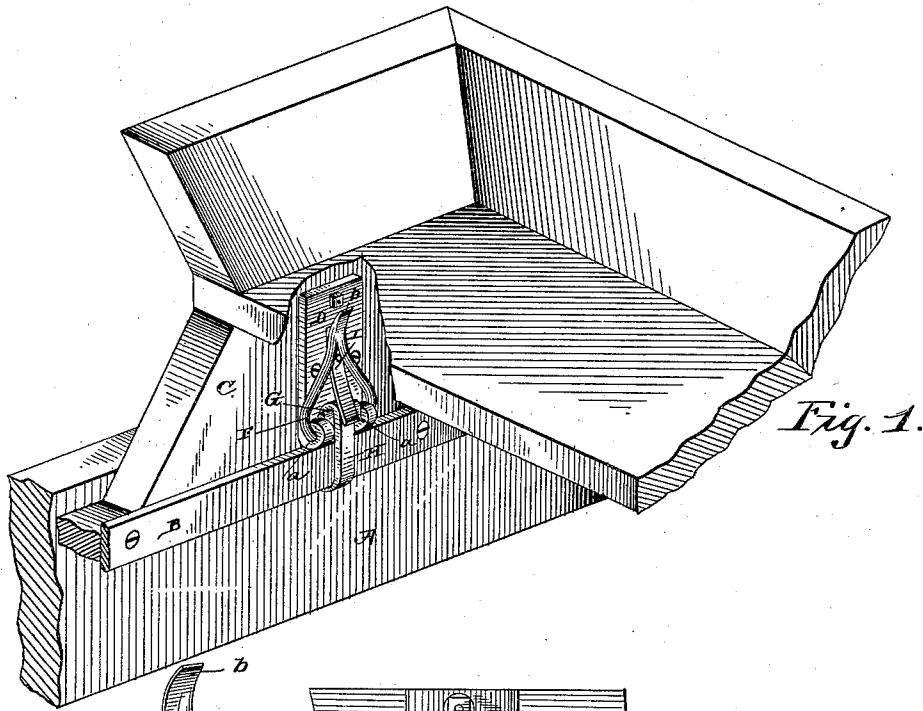


Fig. 1.

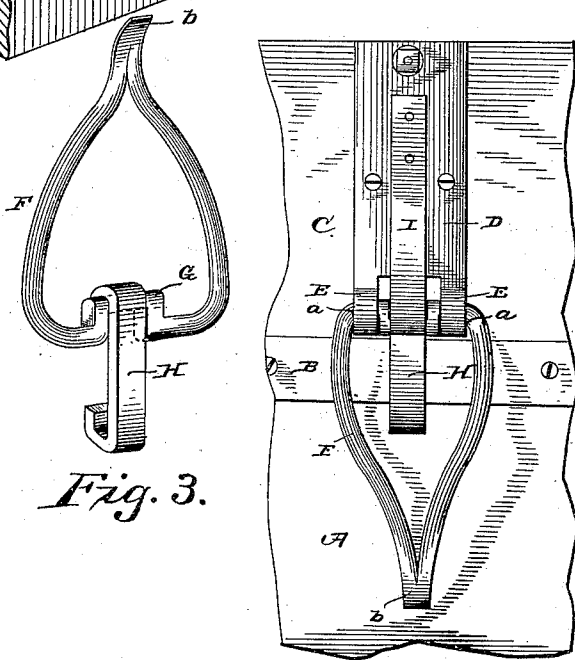


Fig. 2.

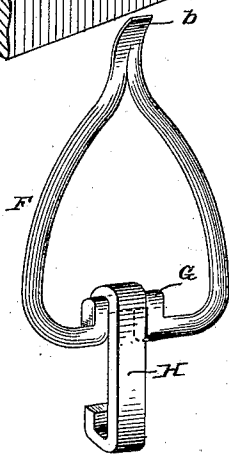


Fig. 3.

WITNESSES

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INVENTOR

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UNITED STATES PATENT OFFICE.

CHARLES COOK FORNCROOK, OF HERMITAGE, NEW YORK, ASSIGNOR OF
ONE-HALF TO JOSEPH W. FORNCROOK, OF SAME PLACE.

SEAT-FASTENER.

SPECIFICATION forming part of Letters Patent No. 317,985, dated May 19, 1885.

Application filed March 2, 1885. (No model.)

To all whom it may concern:

Be it known that I, CHARLES C. FORNCROOK, a citizen of the United States, residing at Hermitage, in the county of Wyoming and State of New York, have invented a new and useful Improvement in Seat-Fasteners, of which the following is a specification, reference being had to the accompanying drawings.

My invention relates to a carriage-seat lock; and it has for its object to provide a device of this character which shall be cheap and simple in its construction, effective in its operation, strong and durable, and one that may be readily and easily operated.

With these ends in view the invention consists in the improved construction and combinations of parts, hereinafter fully described, and pointed out in the claim.

In the drawings, Figure 1 is a perspective view of a portion of a carriage-body and seat, showing my improved lock applied thereto. Fig. 2 is a side elevation of the same, and Fig. 3 is a detail view of the locking-bail detached.

In the accompanying drawings, in which like letters of reference indicate corresponding parts in all the figures, A represents the side rail of a carriage or wagon, which is provided near its upper edge with a T-shaped strip, B.

C represents the seat portion, to the inner side or face of which is secured a plate, D, provided at its lower ends with ears or lugs E, which are provided with holes or openings *a*.

F represents a bail, which is constructed of metal, and which has its upper ends closed and bent outwardly to form a finger-piece, *b*, so that it may be easily operated. The lower end of the said bail F is somewhat wider than its upper end, and said lower end of the bail has bearing in the holes or openings *a*, formed in the ears or lugs E. The bail F, between the ears or lugs E, is formed with a crank, G, upon which is secured the upper end of a hook or catch, H, the lower end of which is adapted when the bail is lowered to engage the under side of the T-shaped strip B. I represents a flat spring, which is secured

at its upper end by riveting or in any other suitable manner to the plate D. The lower end of said flat spring extends downwardly, and bears against the hook or catch H just below its point of connection with the crank G.

The operation is as follows: The seat-rail fits upon the upper side of the strip B, and the flange of the head of the same bears against the outer side of said rail. The hook or catch is then thrown into engagement with the lower edge of the head of said strip and the bail raised and pushed against the plate D, which action raises the hook or catch and causes it to hold the rail of the wagon or carriage-seat firmly in position upon the strip B, said hook or catch being held in place by the flat spring.

When it is desired to remove the seat, the bail is lowered by means of the finger-piece, which causes the hook or catch through the medium of the crank G to be lowered, so that it may be disengaged from the lower edge of the head of the strip B. The head of the said strip B is of iron, and is secured to the body portion by screws or other fastening means.

The seat-lock before described is simple in its construction, effective in its operation, strong and durable, easily applied and operated, and may be supplied at a comparatively slight cost.

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

The combination, with the seat portion having a plate secured thereto, said plate having lugs at its lower ends provided with holes or openings, of a cranked bail pivoted in said openings and carrying a pivoted hook, said hook being adapted to engage a strip on the body portion, and a spring for holding said hook in engagement with said strip, as set forth.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

CHARLES COOK FORNCROOK.

Witnesses:
JAMES BRISTOL,
EDGAR BROWN.