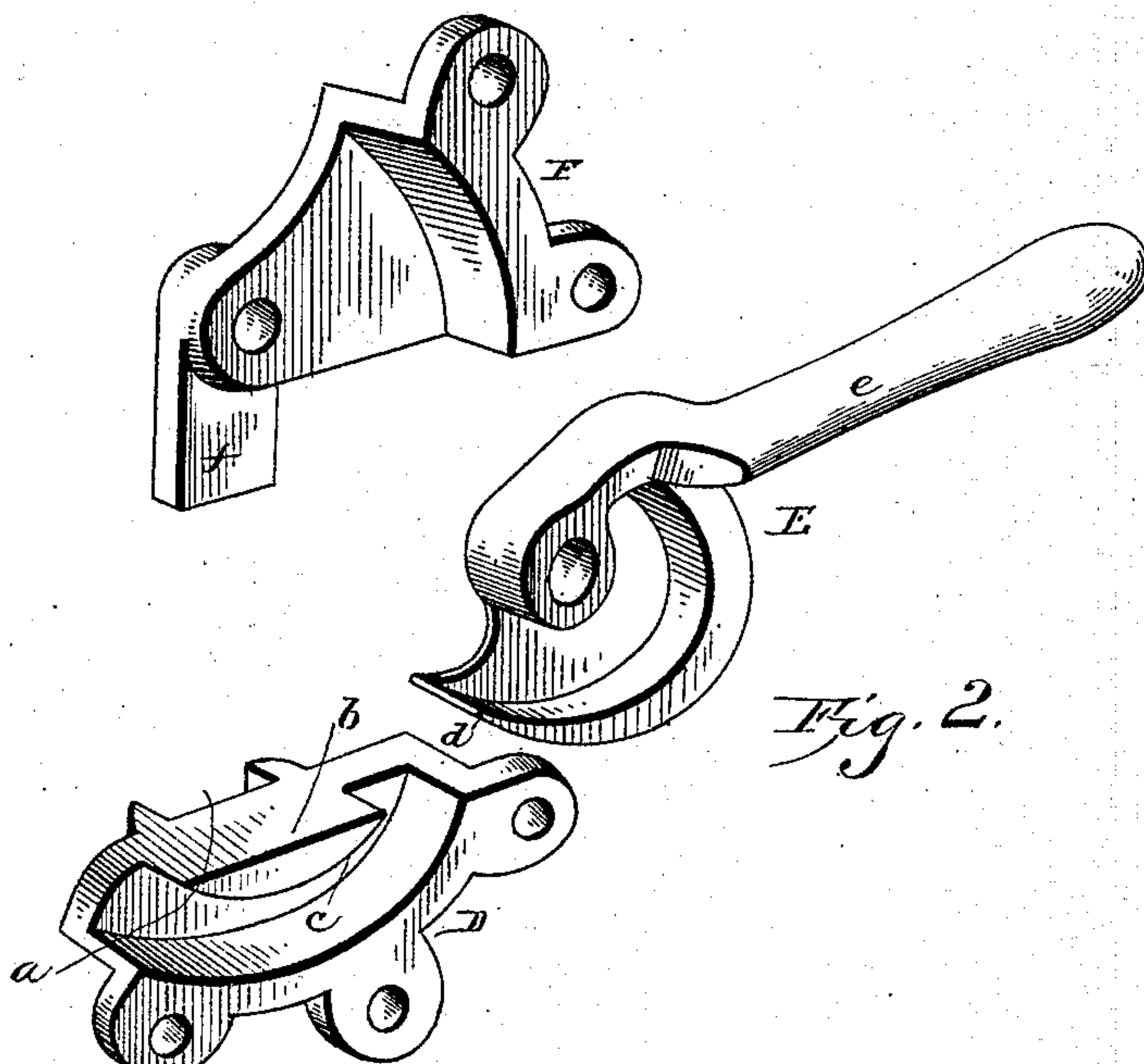
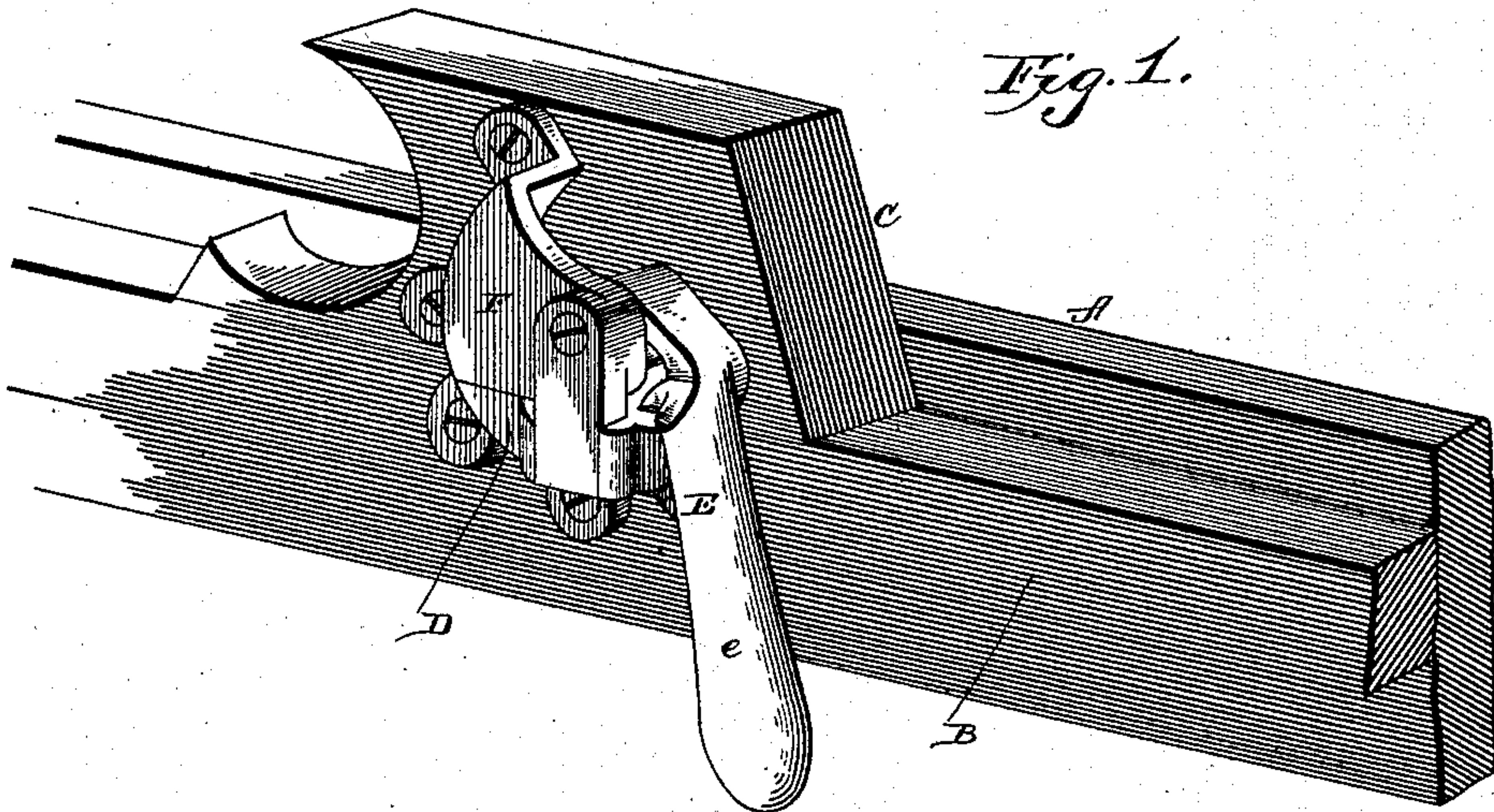


(No Model.)

T. G. MANDT.
WAGON SEAT FASTENER.

No. 413,530.

Patented Oct. 22, 1889.



WITNESSES:

F. L. Ourand.
C. F. Chisholm.

INVENTOR:

T. G. Mandt
by J. D. Daggert
Attorney.

UNITED STATES PATENT OFFICE.

TARGE G. MANDT, OF STOUGHTON, WISCONSIN.

WAGON-SEAT FASTENER.

SPECIFICATION forming part of Letters Patent No. 413,530, dated October 22, 1889.

Application filed September 6, 1889. Serial No. 323,180. (No model.)

To all whom it may concern:

Be it known that I, TARGE G. MANDT, a citizen of the United States, and a resident of Stoughton, in the county of Dane and State of Wisconsin, have invented certain new and useful Improvements in Wagon-Seat Fasteners; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification, and in which—

Figure 1 represents a section of a wagon-seat and of a portion of a wagon-box embodying my improved seat-fastener, said fastener being shown in perspective; and Fig. 2 is a perspective detail view of the parts detached.

This invention relates to wagon-seat fasteners, and has for its object to construct an improved device of this class which shall be self-locking, compact, and strong. I accomplish this object by the novel construction and combination of parts illustrated in the accompanying drawings, in which like letters of reference denote corresponding parts in both the figures.

The letter A designates the side piece of an ordinary wagon-box, having a rail B, on which rests the seat-riser C. To the rail B is fixed by three screws, no two of which are in the same horizontal line, a keeper D. This keeper has two inwardly-projecting ears, forming a groove *a*, and an outwardly-projecting lip *b*. It will be seen that the keeper D bulges inward, leaving a space or chamber between the upper portion, from which the ears project and the rail. This chamber is partly covered by the lip *b*. The upper side of this lip is flat and level, while the under side is arc-shaped in longitudinal section, and has a beveled surface *c*, so that it is thicker at the inner than at the outer edge. On the seat-riser is fulcrumed a cam-lever E, which has a beveled flange increasing in thickness from the edge to the flat plate, which rests against the riser, and also increases in thickness from the point *d* to the handle *e*. The cam-lever is fulcrumed un-

der a segmental casing F, fastened to the seat-riser a little above its lower edge, and has a rectangular finger *f*, adapted to slide into the groove *a*, and thus keep the seat from sliding back or forward. When this finger is placed in the groove *a*, the weight of the handle *e* will cause the cam-lever to turn and its flange will pass under the lip *b*; and as this flange is beveled and thickened toward the handle, and as the casing F and lever E are fastened a little above the edge of the riser, it is evident that by pressing the handle down or allowing it to fall the seat will be firmly fastened. It is also evident that the jarring of the wagon will only tend to make the heavy handle *e* fall, and thus all liability of the cam-lever getting out from under the lip and the seat becoming loosened is obviated; and as the under side of the lip *b* is beveled, and also the flange of the cam-lever, they will hold the finger firmly in the groove and prevent all rattling.

It will be seen that my fastener is compact and strong; that there are no hooks to catch when putting things under the wagon-seat, or to be bent or broken when the seat is removed and thrown around the yard or barn-floor, as is often the case. By the arrangement of screws by which the parts are fixed to the rail and riser I obtain a substantial fastening and avoid splitting the wood by placing the screws out of line with each other.

I am aware that prior to my invention seat-fasteners have been made with a staple and circular hook having a weighted handle. I do not therefore claim such a construction, broadly; but

What I do claim, and desire to secure by Letters Patent of the United States, is—

1. The herein-described seat-fastener, comprising the following elements: a keeper having inwardly-projecting ears forming a groove, and outwardly-projecting lip, a cam-lever having a beveled flange, and a casing having a downwardly-projecting rectangular finger, substantially as shown.

2. The herein-described seat-fastener, comprising the following elements: a keeper having ears forming a groove and lip with a flat

upper surface, and a curved and beveled under side, a cam-lever having a flange beveled, substantially as shown, and a segmental casing having a finger adapted to register with
5 the rectangular groove of the keeper, all constructed and combined to co-operate, substantially as and for the purpose set forth.

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

TARGE G. MANDT.

Witnesses:

B. E. WAIT,

WM. C. HEGELMEYER.