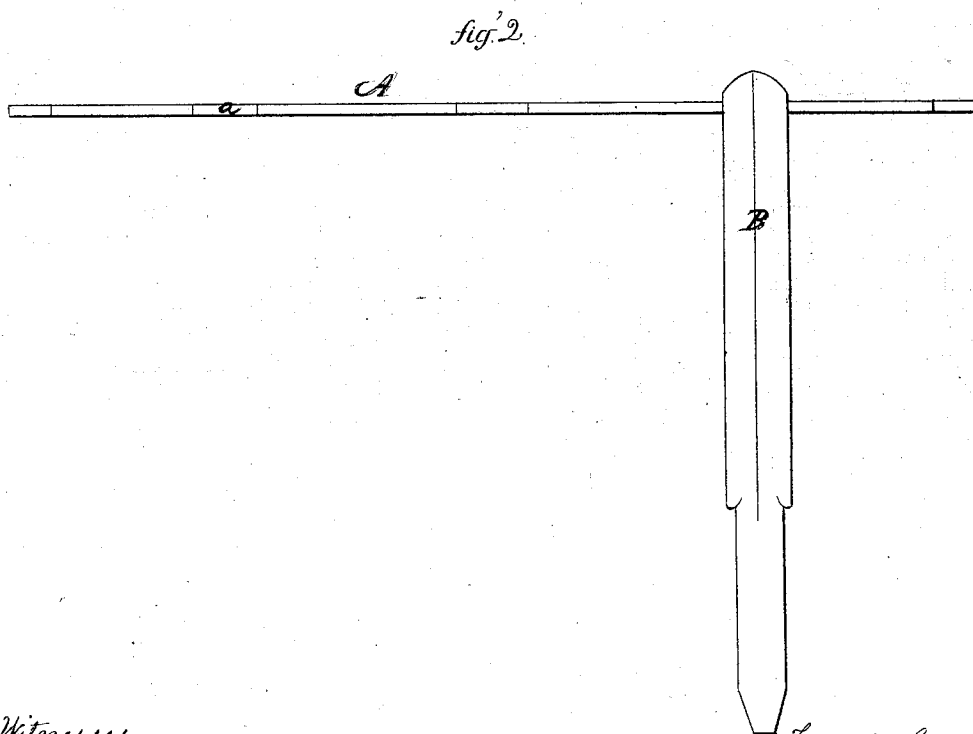
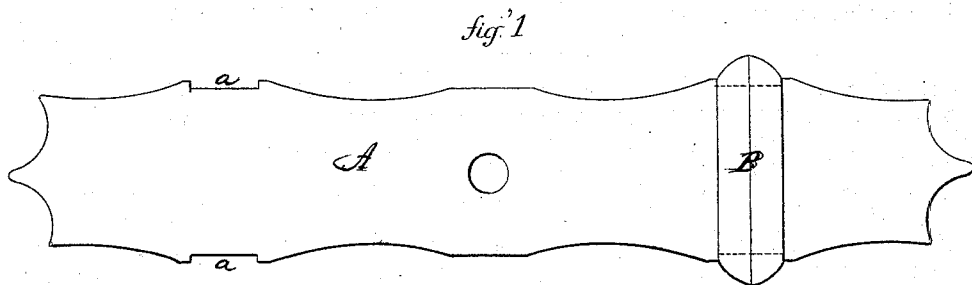


F. SEWARD.

Improvement in Saddle-Clip for Carriages.

No. 127,275.

Patented May 28, 1872.



Witnesses.

J. H. Hummel
A. J. Tibbitts

Frank Seward
Inventor

By his Atty

Wm. E. Earl

UNITED STATES PATENT OFFICE.

FRANK SEWARD, OF NEW HAVEN, CONNECTICUT.

IMPROVEMENT IN SADDLE-CLIPS FOR CARRIAGES.

Specification forming part of Letters Patent No. 127,275, dated May 28, 1872.

To all whom it may concern:

Be it known that I, FRANK SEWARD, of New Haven, in the county of New Haven and State of Connecticut, have invented a new Improvement in Saddle-Clips for Carriages; and I do hereby declare the following, when taken in connection with the accompanying drawing and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawing constitutes a part of this specification, and represents, in—

Figure 1, a plan or top view; and in Fig. 2, an edge view.

This invention relates to an improvement in the construction of the saddle-plate for carriages—that is to say, the plate which lies upon the spring, and over which the clips are placed to secure the spring to the axle. Various devices have been resorted to in forging this plate in order to prevent the displacement of the clips, all of which devices have been by raising the upper surface of the plate to form a shoulder or connection with the clip. This makes the plate an expensive construction, as it must necessarily be forged in dies and trimmed. By my invention the construction is very much simplified, and the holding

of the clip made positive; and it consists of a flat plate having notches formed in the edge, into which the clip sits, as more fully hereinafter described.

A is the saddle-plate, cut from sheet metal, the outline of the edge being any desirable shape. At the points where the clip is to rest I form a notch, *a*, in the edge, so that when the plate is set upon the spring, the clip B set down over the spring, and plate through the notch *a*, as seen in Fig. 1, the said notch will sustain the clip in its place and prevent it being thrown to the right or left.

In making this plate no more time or labor is required than for trimming the ordinary plate after it has been forged. Thus I save the expense of heating and forging, as I am enabled to cut the plate from cold sheet metal complete and perfect as it comes from the die, and accomplishing all the objects which are attained by the devices on the forged plates before referred to.

I claim as my invention—

The herein-described saddle-plate as an article of manufacture.

Witnesses: FRANK SEWARD.

J. H. SHUMWAY,

A. J. TIBBITS.