(No Model.)

C. E. SEYMOUR.

SPIKE PULLER.

No. 425,526. Patented Apr. 15, 1890.

Fig. 1.

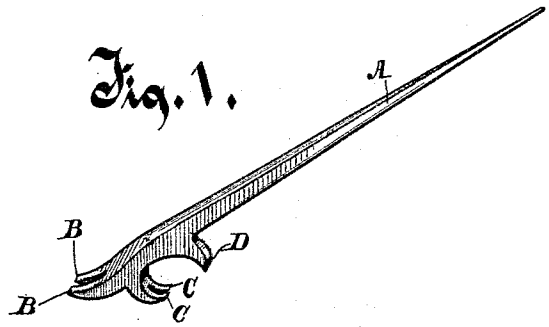


Fig. 2.

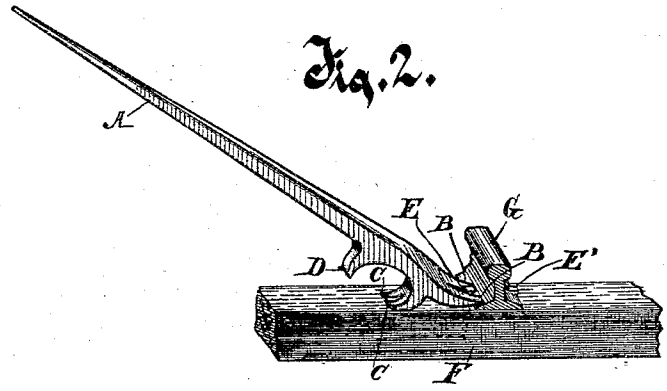
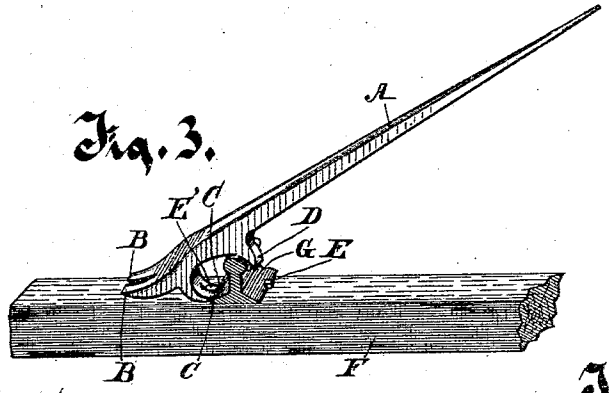


Fig. 3.



Witnesses.

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UNITED STATES PATENT OFFICE.

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SPIKE-PULLER.

SPECIFICATION forming part of Letters Patent No. 425,526, dated April 15, 1890.

Application filed September 16, 1889. Serial No. 324,084. (No model.)

To all whom it may concern:

Be it known that I, CHARLES E. SEYMOUR, of Hurley, in the county of Ashland and State of Wisconsin, have invented new and useful Improvements in Spike-Pullers; and I do hereby declare the following to be a full, clear, and exact description of said invention, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

My invention relates to a device which is especially adapted for drawing the spikes used for securing railroad-rails to the ties, and is so constructed as to be convenient for use on bridges and near platforms where the space for operating is limited and where there is no convenient rest for the bar aside from the rail.

In the drawings, Figure 1 is a view of my complete device. Fig. 2 is a view of my device in connection with a railroad-rail spike and tie, illustrating its method of use for drawing a spike on that side of the rail next to the workman. Fig. 3 is a view of my device in connection with a rail, spike, and tie, showing the method of using my device in connection with a spike on the outside of the rail or on that side of the rail away from the workman.

My device consists of a bar of metal A, terminating at the lower end in sharp outwardly-turned bifurcated claws B B, and at a little distance from the lower end, inwardly-turned bifurcated claws C C, the bar being also provided at a little distance above the claws C C with an inwardly-projecting lug D. This bar is intended for successful and convenient use by a workman standing centrally between the two rails of a railroad-track, in which location with this bar he can readily draw the spikes on both sides of both of the rails. To draw the spikes on the inside of the rails the claws B B are inserted under the head of a spike E, and, using the claws C C for a fulcrum resting on the tie F, by bearing down on the outer end of the bar A the spike may be drawn quickly and easily, thereby releasing the inside of the rail G from the tie. To draw a spike E′ located on the outside of the rail, that being the side of the rail which is away from the workman, the claws C C are placed under the spike, and, using the claws B B as a fulcrum resting on the tie F, the spike may be drawn by lifting on the other end of the bar; or, if more convenient, especially where there is no sleeper extending laterally beyond the rail, by using the lug D for a fulcrum resting on the rail G by bearing down on the other end of the bar the spike may be drawn successfully and easily. It will thus be seen that the bar is adapted for use by a workman to draw spikes on the side of the rail that is away from him, and that the spike in that location can be pulled by either lifting or bearing down on the bar, as is most convenient or as is permitted by the space or opportunity for resting the bar on a tie or rail only for a fulcrum.

What I claim as new, and desire to secure by Letters Patent, is—

1. In a spike-puller, the combination, with a handle A and inwardly-curved claws C C, of an inwardly-projecting lug D, located above and on the same side of the handle as are the claws C C, all formed integrally, substantially as described.

2. The integral spike-puller consisting of a bar A, terminal outwardly-curved claws B B, inwardly-curved claws C C, and lug D, located on the bar on the same side and at a distance from the claws C C, substantially as described.

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

CHARLES E. SEYMOUR.

Witnesses:

JAMES BLACKBURN,

T. H. BUSHNELL.