

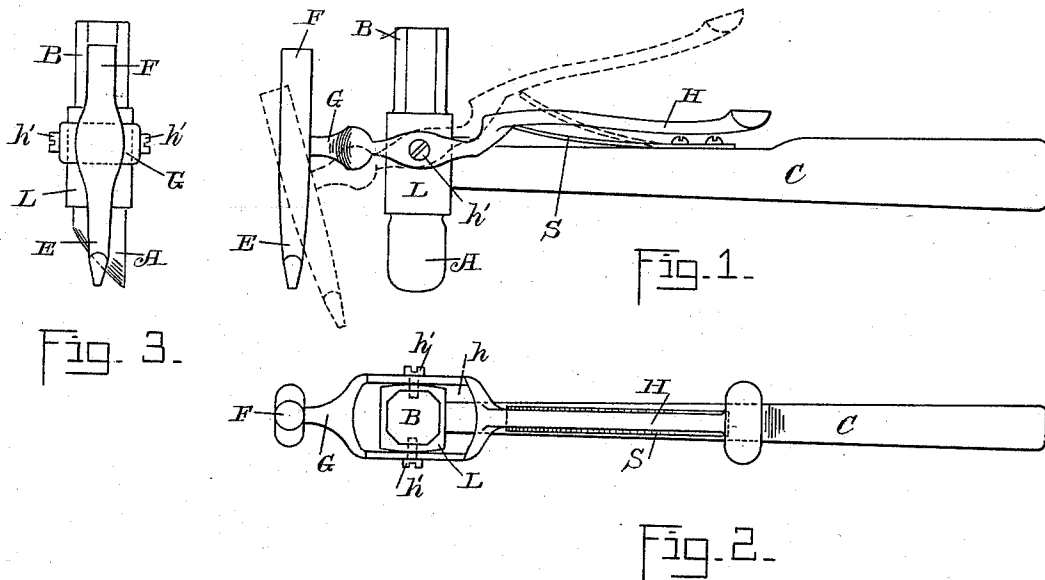
(No Model.)

J. WHALIN.

COMBINATION TOOL FOR PUNCHING AND CREASING HORSESHOES.

No. 518,434.

Patented Apr. 17, 1894.



Witnesses:

John W. Fisher
Grace T. May.

Inventor,

by

John Whalin,
Ward & Cameron
Attorneys

UNITED STATES PATENT OFFICE.

JOHN WHALIN, OF SCHENECTADY, NEW YORK.

COMBINATION-TOOL FOR PUNCHING AND CREASING HORSESHOES.

SPECIFICATION forming part of Letters Patent No. 518,434, dated April 17, 1894.

Application filed January 6, 1894. Serial No. 495,990. (No model.)

To all whom it may concern:

Be it known that I, JOHN WHALIN, a citizen of the United States, residing in the city and county of Schenectady, State of New York, have invented a new and useful Combination-Tool, of which the following is a specification.

My invention relates to improvements in tools for the manufacture of horse shoes; and the object of my invention is to produce a combination creaser and puncher, so constructed that while the horse shoe is hot, the crease and holes for the nails may be made therein with the same tool. I accomplish this object by means of the mechanism illustrated in the accompanying drawings, in which—

Figure 1 is an elevation. Fig. 2 is a plan. Fig. 3 is an end elevation.

Similar letters refer to similar parts throughout the several views.

In a horse shoe, there is formed a crease around the bottom of the shoe and holes are placed through the shoe for the purpose of nailing the shoe to the foot of a horse, the heads of the nails coming within the crease. For the purpose of making the crease in the shoe, I arrange within the head L a beveled piece of steel or other suitable metal A, and opposite thereto attached to the head L, I arrange the hammer head B and within the head L, I secure the handle C. When it is desired to make the crease in the shoe, the beveled portion A is placed upon the shoe held in position by use of the handle C, while the hammer is applied to the head B. In order to punch the holes through the shoe, I construct the punch E, usually steel pointed, arranged with a hammer head F at one end and about midway between the ends I secure the punch E to the projecting support G on the end of the pivoted handle H; the handle

H is provided with an opening *h* through which the head of the creaser passes and to the sides of which creaser it is pivoted at *h' h'*. For the purpose of keeping the pointed end of the punch E in contact with the horse shoe, I usually arrange the spring S on the handle C operating against the lower side of the pivoted handle H, as shown in Fig. 1. When the creaser is being used, the pivoted handle H is pressed downward against the resiliency of the spring S and the punch is thus lifted away from the horse shoe.

My invention is extremely simple in its construction and operation and furnishes a tool very useful and convenient.

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

1. A combination tool for use in the manufacture of horse shoes, comprising a creaser secured to the head, a hammer rest opposite said creaser secured to said head, a handle secured to said head, a puncher secured to a pivoted handle, said pivoted handle movable upon a pivot secured to said head, substantially as described and for the purpose set forth.

2. A combination tool for use in the manufacture of horse shoes, comprising a creaser secured to the head, a hammer rest opposite said creaser secured to said head, a handle secured to said head, a punch secured to a pivoted handle, said pivoted handle movable upon a pivot secured to said head, a spring attached to said first mentioned handle operating upon the pivoted handle, substantially as described and for the purpose set forth.

JOHN WHALIN.

Witnesses:

ALEX. J. THOMSON,
JOHN D. MILLER.