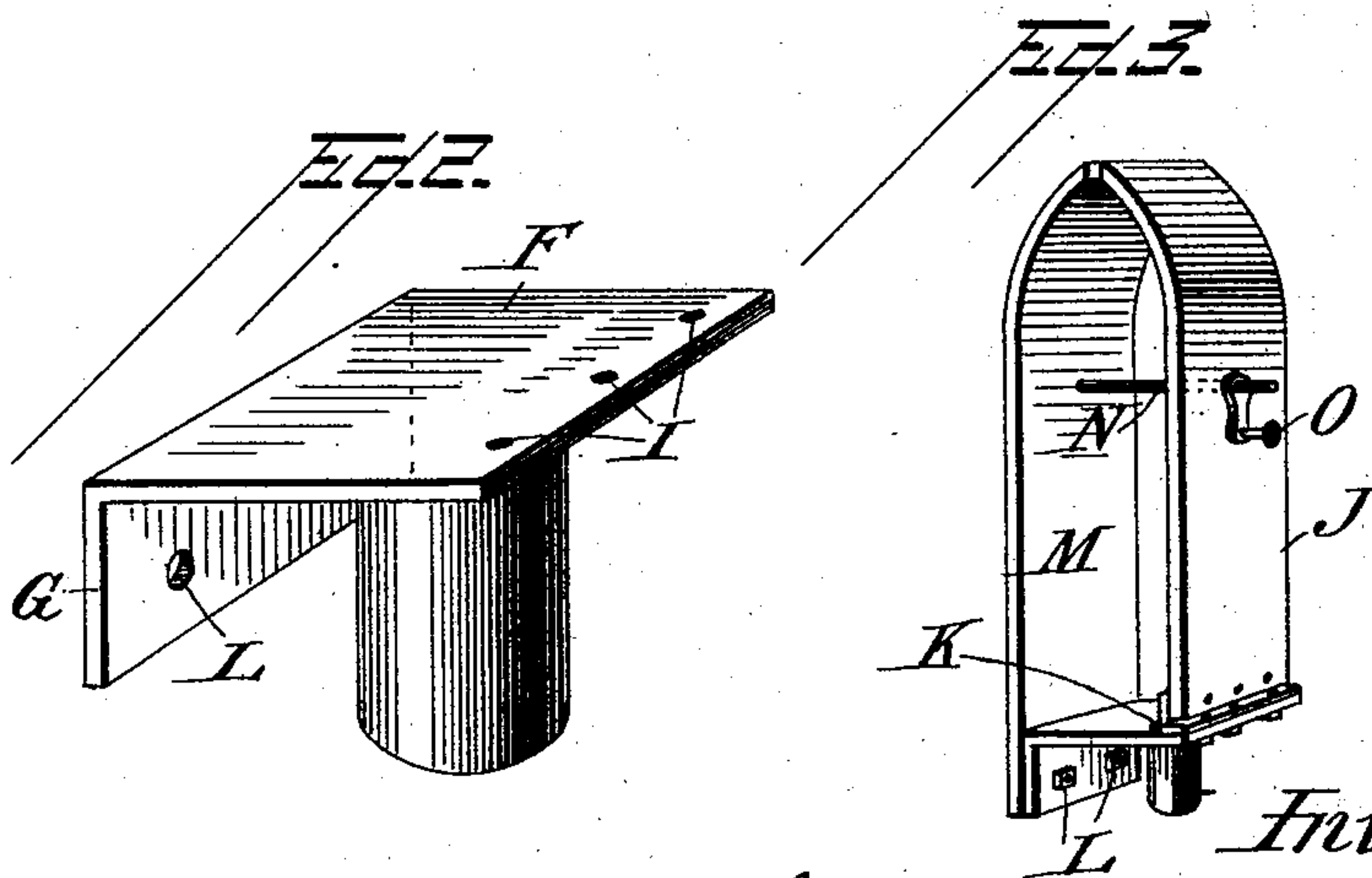
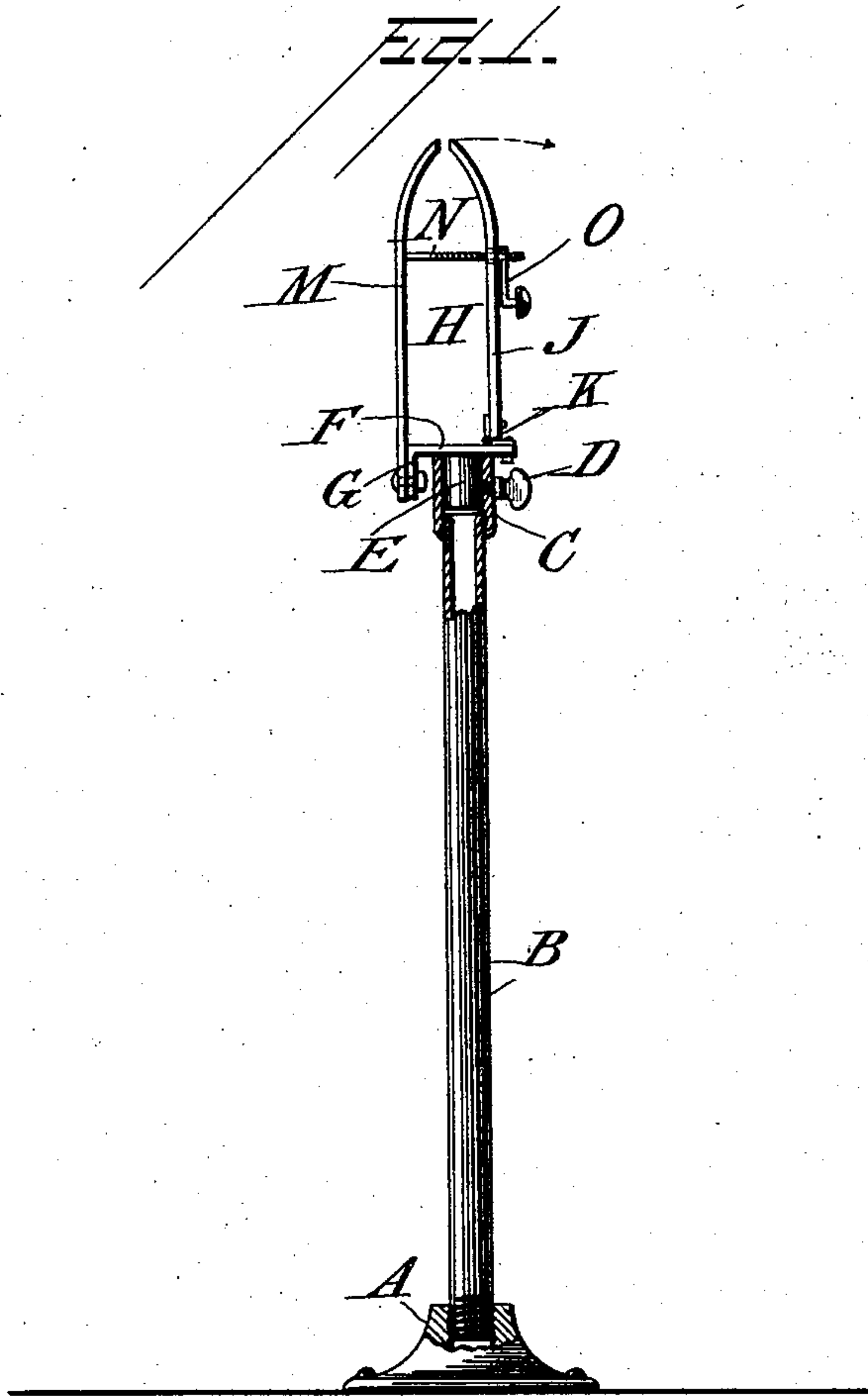


(No Model.)

J. CUNNINGHAM.
HARNESS TOOL.

No. 491,086.

Patented Feb. 7, 1893.



Attest:

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UNITED STATES PATENT OFFICE,

JAMES CUNNINGHAM, OF DUSHORE, PENNSYLVANIA.

HARNESS-TOOL.

SPECIFICATION forming part of Letters Patent No. 491,086, dated February 7, 1893.

Application filed July 2, 1892. Serial No. 438,772. (No model.)

To all whom it may concern:

Be it known that I, JAMES CUNNINGHAM, a citizen of the United States, residing at Dushore, in the county of Sullivan and State of Pennsylvania, have invented certain new and useful Improvements in Supports for Stitching-Horses and for other Purposes; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, 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 improvements in supports for stitching horse clamps and other purposes, and has for its object to simplify and cheapen the construction of such a device, and to provide for the ready attachment and detachment of the clamp so that the support may be used for other purposes.

The device is particularly well adapted for the use of farmers and others inasmuch as it admits of the sewing clamp being readily removed and replaced by some other tool or implement used in the trade.

To the accomplishment of the foregoing and such other objects as may hereinafter appear the invention consists in the construction and the combination of parts hereinafter particularly described and then specifically defined by the claims, reference being had to the accompanying drawings forming a part hereof, and in which

Figure 1 is a side elevation of the support and stitching clamp, with parts in section; Fig. 2 is a perspective of the head plate or holder for the stitching clamp, the clamp being removed to illustrate how the head plate or holder may be used as an anvil if desired, and Fig. 3 is a perspective of the stitching clamp showing it attached to the head plate or holder.

In the drawings the letter A designates a plate into which is screwed the lower end of the shaft or standard B preferably of tubular form and having at its upper end a socket piece C through the wall of which passes a thumb or set screw D designed to hold in the socket the shank E of the head plate or holder F, or the shank of any other implement for instance a last, or anvil of any approved pat-

tern now used. The head plate or holder F besides having a shank and the flat face illustrated is also provided with a downwardly extending flange G so that the head plate not only has a flat horizontal surface for such uses as it may be desired to employ it for but also a side or vertical face which may be useful for various purposes in the trade obvious to those skilled in the art.

The head plate or holder constructed as described may be said to constitute an anvil having a horizontal and a vertical face so that two faces are thus given to the anvil thereby making it more useful and susceptible of more uses than if it had but one face. This head plate or holder besides constituting an anvil also affords a base or support for a stitching horse clamp indicated by the reference letter H. The horizontal plate of the head plate or holder is formed along one edge with a series of apertures I for the passage of bolts to secure the movable jaw J of the clamp to the head plate by means of a hinge K. The side flange G of the head plate or holder is also provided with a series of apertures L to receive bolts which will secure the stationary jaw M of the clamp to the head plate. This side flange G is thus made to afford an extended bearing surface for the stationary jaw so that the same may be strongly and rigidly secured in place. A threaded rod N passes from the rigid jaw through a slotted opening in the movable jaw and a nut with a handle O working on the threaded end of this rod serves to adjust the movable jaw so as to clamp or release the article to be stitched.

It will be observed that under the construction described a strong and firm head plate or base for the stitching horse clamp is afforded, and that by simply unscrewing the nuts and removing the bolts the clamp can be detached from the head plate and the latter be used as an anvil or for the attachment of other tools or implements. The construction also admits of the base, the shaft or standard, and the tool supported therein to be all readily detached from one another and compactly stored in a small space all packed for transportation.

Having described my invention and set forth its merits what I claim is:—

1. The combination with the standard, of
the detachable and replaceable head formed
of shank E adapted to fit to the top of the
standard, the horizontal plate F secured to
5 the top of the shank and extending beyond
the sides thereof, and the vertical flange G
depending from along one edge of the hori-
zontal plate, said horizontal plate and verti-
cal flange being formed for the attachment
10 and detachment of an implement and serving
as an anvil when the implement is detached
therefrom, substantially as described.

2. The combination with the standard

formed with a socket at its upper end, of the
head plate formed of the horizontal and de- 15
pending plates and the shank, and the stitch-
ing clamp having its movable jaw secured to
the horizontal plate and its rigid jaw secured
to the vertical plate, substantially as and for
the purposes described. 20

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

JAMES CUNNINGHAM.

Witnesses:

F. V. THOMSON,

F. M. ROGERS.